



# R 930 Litronic

## LIEBHERR

Crawler excavator

**Generation**

8

**Operating weight**

30,400–37,750 kg

**Engine**

180 kW / 245 HP  
Stage V

**Bucket capacity**

1.00–2.15 m<sup>3</sup>

# Experience the progress

## R 930

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### ① Safety

- Panoramic visibility with no obstructions and camera on the rear and the right side equipment
- Liftable console for easy and safe access to cab
- ROPS-certified cab structure: rollover protection
- Emergency exit via the rear cab window whatever the configuration of the excavator
- Right window and windshield in laminated and tinted glass

### ② Equipment

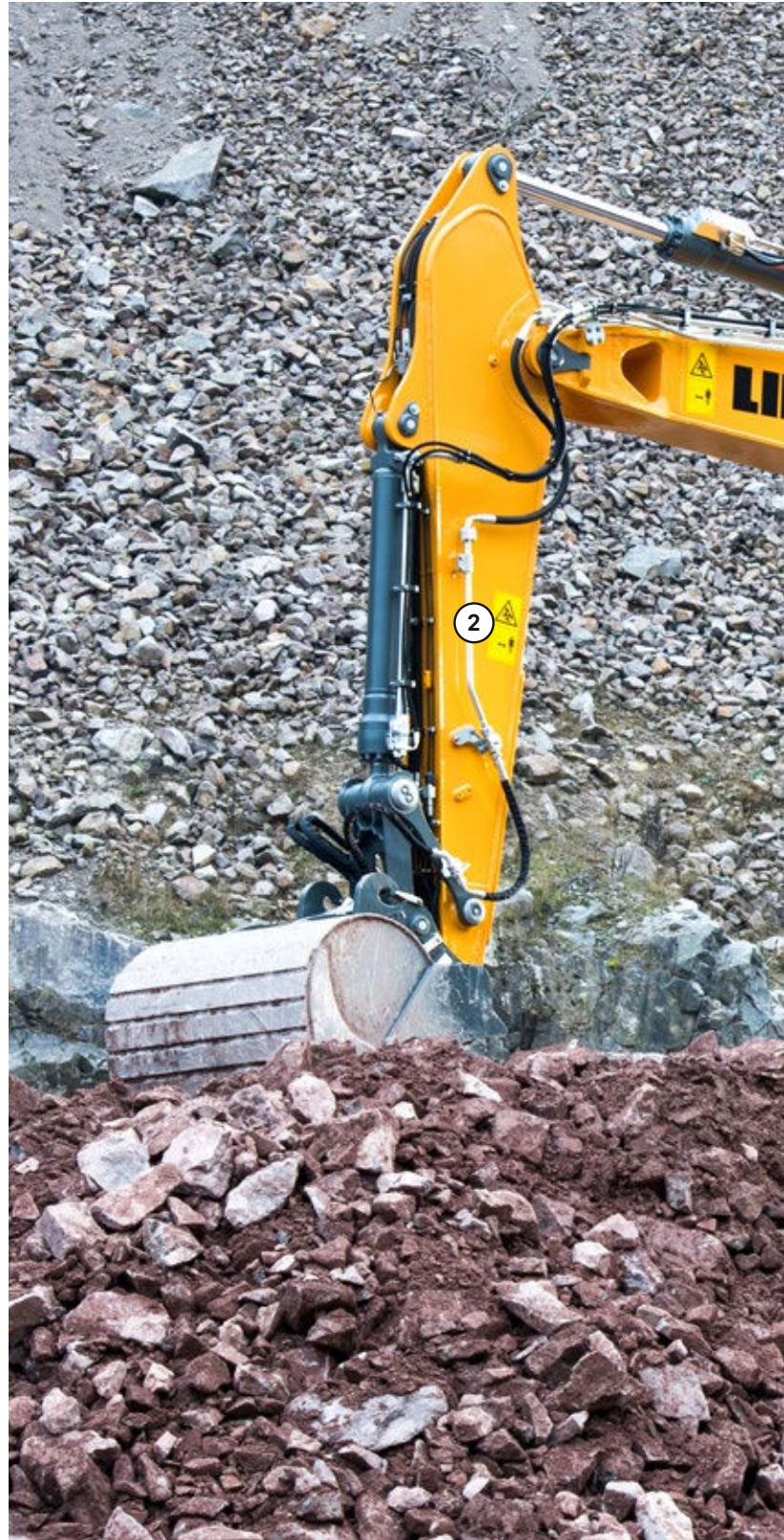
- Large choice of types and sizes of equipment
- Safety check valves for hoist and stick cylinders (option)
- Longer lifespan of components and higher productivity thanks to automatic centralised lubrication system

### ③ Maintenance

- Innovative servicing concept, with service points accessible from ground level
- Lateral access to uppercarriage and large maintenance platform
- Engine oil, hydraulic oil, fuel and urea levels visible on the display

### ④ Comfort

- Spacious, air-conditioned work space
- Pneumatic seat with vertical and horizontal suspension
- Easy-to-use high resolution 9" colour touchscreen
- Completely retractable front cab window
- LED lighting as standard



## ⑤ Engine

- Liebherr engine that conforms with the Stage V European exhaust emissions standard
- Automatic engine speed increase / decrease controlled by proximity sensors in the joysticks

## ⑥ Undercarriage

- Robust, reliable X-frame undercarriage, easy to secure thanks to its integrated eyelets
- Easy maintenance
- Maintenance-free travel gear and track rollers with lifetime lubrication
- Extra storage as an option



# Technical data



## Engine

|                              |                                                                          |
|------------------------------|--------------------------------------------------------------------------|
| <b>Rating per ISO 9249</b>   | 180 kW (245 HP) at 1,800 RPM                                             |
| <b>Torque</b>                | 1,255 Nm at 1,350 RPM                                                    |
| <b>Model</b>                 | Liebherr D934 A7-25                                                      |
| <b>Type</b>                  | 4 cylinder in-line                                                       |
| <b>Bore</b>                  | 122 mm                                                                   |
| <b>Stroke</b>                | 150 mm                                                                   |
| <b>Displacement</b>          | 7.0 l                                                                    |
| <b>Engine operation</b>      | 4-stroke diesel<br>Common-Rail<br>Turbo-charged and after-cooler         |
| <b>Exhaust gas treatment</b> | Stage V<br>DOC + SCR Filter<br>Passive regeneration by thermo management |
| <b>Cooling system</b>        | Water-cooled and oil cooler, after-cooled and fuel cooled                |
| <b>Air cleaner</b>           | Dry-type air cleaner with pre-cleaner                                    |
| <b>Fuel tank</b>             | 620 l                                                                    |
| <b>Urea tank</b>             | 90 l                                                                     |
| <b>Electrical system</b>     |                                                                          |
| <b>Voltage</b>               | 24 V                                                                     |
| <b>Batteries</b>             | 2 x 135 Ah / 12 V                                                        |
| <b>Alternator</b>            | Three-phase current 24 V / 140 A                                         |
| <b>Engine idling</b>         | Sensor controlled                                                        |



## Hydraulic controls

|                               |                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Power distribution</b>     | Via control valves, simultaneous and independent actuation of undercarriage, swing drive and equipment |
| <b>Electric servo circuit</b> | Electro-hydraulic control                                                                              |
| <b>Equipment and swing</b>    | Proportional via joystick levers                                                                       |
| <b>Travel</b>                 | – Proportional control via foot pedals or removable levers<br>– Automatic or manual speed adjustment   |
| <b>Additional functions</b>   | Proportional regulation via foot pedals or mini-joystick                                               |



## Hydraulic system

|                                             |                                                                                                                                                                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hydraulic system</b>                     | Positive Control hydraulic system. Demand-based, double independent pump flows<br>Features high system dynamics and sensitivity provided by integrated system controlling<br>Independent circuit for rotation             |
| <b>Hydraulic pumps</b>                      |                                                                                                                                                                                                                           |
| <b>For equipment and travel drive</b>       | Liebherr, variable displacement, swashplate double pump                                                                                                                                                                   |
| <b>Max. flow</b>                            | 2 x 265 l/min.                                                                                                                                                                                                            |
| <b>Max. pressure</b>                        | 380 bar                                                                                                                                                                                                                   |
| <b>For swing drive</b>                      | Swashplate pump, closed-loop circuit                                                                                                                                                                                      |
| <b>Max. flow</b>                            | 200 l/min.                                                                                                                                                                                                                |
| <b>Max. pressure</b>                        | 400 bar                                                                                                                                                                                                                   |
| <b>Pump management</b>                      | Electronic management synchronous to the control block                                                                                                                                                                    |
| <b>Hydraulic tank</b>                       | 239 l                                                                                                                                                                                                                     |
| <b>Hydraulic system</b>                     | max. 475 l                                                                                                                                                                                                                |
| <b>Filtration</b>                           | 1 main return filter with integrated partial micro filtration (10 µm)                                                                                                                                                     |
| <b>Cooling system</b>                       | Compact cooler, consisting of a water cooler, with hydraulic oil cooler, gearbox oil cooler, fuel cooler and after-cooler cores and hydrostatically driven fan                                                            |
| <b>MODE selection</b>                       | Adjustment of engine and hydraulic performance via a mode pre-selector to match application, e.g. for especially economical and environmentally friendly operation or for maximum digging performance and heavy-duty jobs |
| <b>Engine speed and performance setting</b> | Stepless adjustment of engine output and hydraulic power via engine speed                                                                                                                                                 |



## Swing drive

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| <b>Drive</b>         | Liebherr swashplate motor with integrated brake valve and torque control |
| <b>Transmission</b>  | Liebherr compact planetary reduction gears                               |
| <b>Swing ring</b>    | Liebherr, sealed race ball bearing swing ring, internal teeth            |
| <b>Swing speed</b>   | 0-10.1 RPM stepless                                                      |
| <b>Swing torque</b>  | 99 kNm                                                                   |
| <b>Holding brake</b> | Wet multi-disc (spring applied, pressure released)                       |



## Cab

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cab</b>                    | ROPS safety cab structure (roll-over protection system according to ISO 12117-2:2008) with windscreen, totally or partially retractable (only upper part), under cab roof, LED work headlights integrated in the ceiling, a door with a sliding window (can be opened on both sides), large storing box and several stowing possibilities, shock-absorbing suspension, laminated right hand side and roof windows, all windows tinted, separate extensible window shades for the sunroof window and windscreen, cigarette lighter and 24 V plug, 12 V plug, cup holder, mobile phone storage net |
| <b>Operator's seat</b>        | Liebherr-Comfort seat, airsprung with automatic weight adjustment, vertical and longitudinal seat damping including consoles and joysticks. Seat and armrests adjustable separately and in combination (adjustable in length, height and inclination), seat heating as standard                                                                                                                                                                                                                                                                                                                  |
| <b>Arm consoles</b>           | Oscillating consoles with seat, tiltable console left                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Operation and displays</b> | Large high-resolution operating unit, intuitive, colour display with touchscreen, video-compatible, numerous setting, control and monitoring options, e.g. air conditioning control, fuel consumption, machine and attachment parameters                                                                                                                                                                                                                                                                                                                                                         |
| <b>Air-conditioning</b>       | Automatic air-conditioning, recirculated air function, fast de-icing and demisting at the press of a button, air vents can be operated via a menu. Recirculated air and fresh air filters can be easily replaced and are accessible from the outside. Heating-cooling unit, designed for extreme outside temperatures, sensors for solar radiation, inside and outside temperatures                                                                                                                                                                                                              |
|                               | The air conditioning system contains fluorinated greenhouse gases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Refrigerant                   | R134a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Global warming potential      | 1,430                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Quantity at 25 °C*            | 1,260 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CO <sub>2</sub> equivalent    | 1.80 t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Vibration emission**</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Hand / arm vibrations         | < 2.5 m/s <sup>2</sup> , according with ISO 5349-1:2001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Whole-body vibrations         | < 0.5 m/s <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Measuring inaccuracy          | According with standard EN 12096:1997                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Noise emission</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ISO 6396                      | 71 dB(A) = L <sub>PA</sub> (inside cab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2000/14/EC                    | 105 dB(A) = L <sub>WA</sub> (surround noise)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



## Undercarriage

|                                        |                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Versions</b>                        |                                                                                                                            |
| NLC                                    | Gauge 2,390 mm                                                                                                             |
| LC                                     | Gauge 2,590 mm                                                                                                             |
| LC-V                                   | Gauge 2,390 mm / 2,890 mm                                                                                                  |
| <b>Drive</b>                           | Liebherr swashplate motor with brake valves on both sides                                                                  |
| <b>Transmission</b>                    | Liebherr planetary reduction gear                                                                                          |
| <b>Maximum travel speed</b>            | 3.5 km/h low range (NLC / LC)<br>5.8 km/h high range (NLC / LC)<br>2.8 km/h low range (LC-V)<br>4.6 km/h high range (LC-V) |
| <b>Drawbar pull on crawler</b>         | 261 kN (NLC / LC)<br>325 kN (LC-V)                                                                                         |
| <b>Track components</b>                | D7, D7G, maintenance-free                                                                                                  |
| <b>Track rollers / Carrier rollers</b> | 9 / 2                                                                                                                      |
| <b>Tracks</b>                          | Sealed and greased                                                                                                         |
| <b>Track pads</b>                      | Triple grouser                                                                                                             |
| <b>Holding brake</b>                   | Wet multi-disc (spring applied, pressure released)                                                                         |
| <b>Brake valves</b>                    | Integrated into travel motor                                                                                               |
| <b>Lashing eyes</b>                    | Integrated                                                                                                                 |



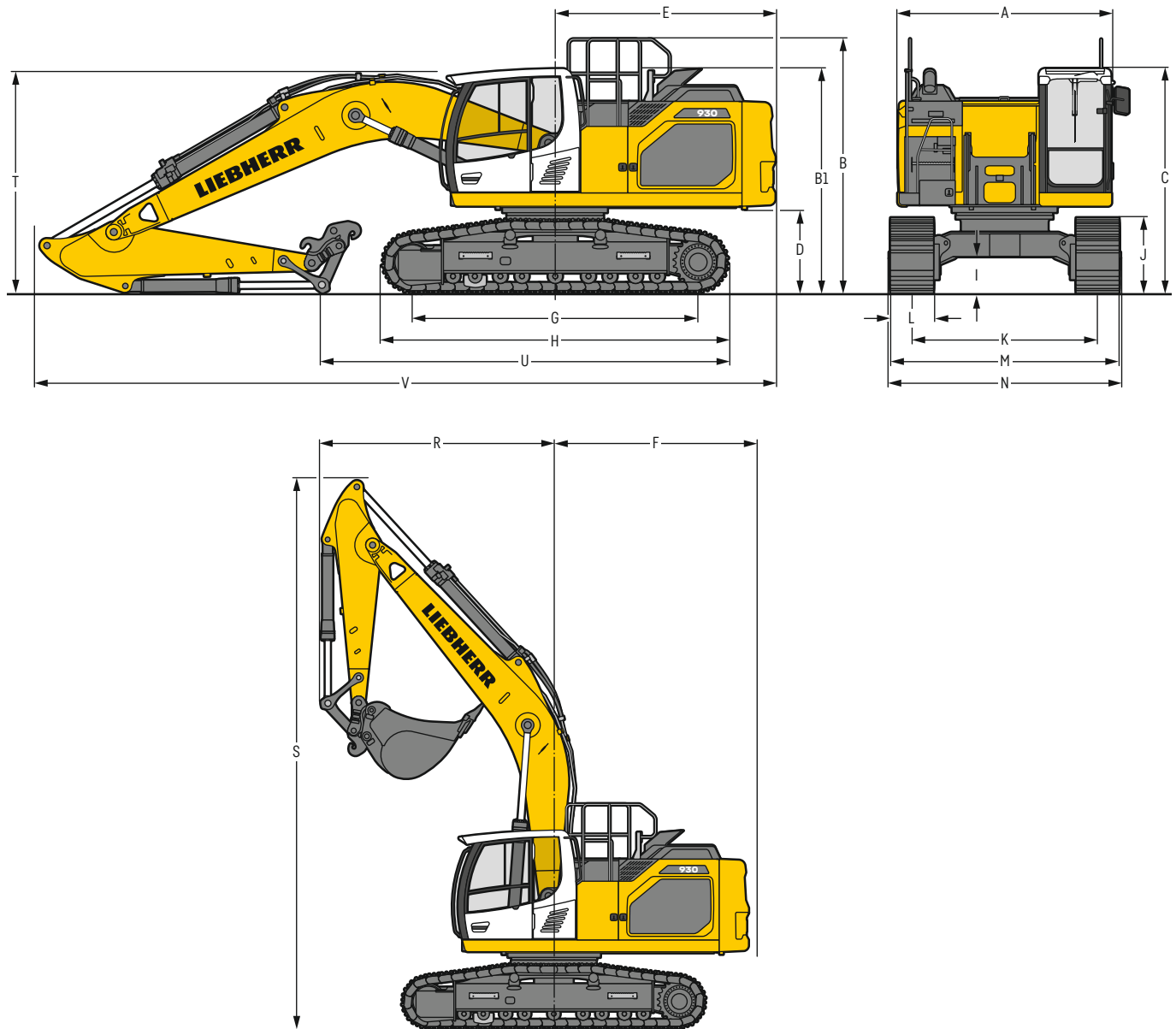
## Equipment

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| <b>Type</b>                  | Combination of resistant steel plates and cast steel components |
| <b>Hydraulic cylinders</b>   | Liebherr cylinders with seal and guidance systems               |
| <b>Bearings</b>              | Sealed, low maintenance                                         |
| <b>Lubrication</b>           | Liebherr central lubrication system                             |
| <b>Hydraulic connections</b> | Pipes and hoses equipped with SAE split-flange connections      |
| <b>Buckets</b>               | Standard equipped with Liebherr tooth system                    |

\* Valid for standard machine without operator's cab elevation and without height adjustable cab

\*\* For the risk assessment according to 2002/44/EC see ISO/TR 25398:2006

# Dimensions



|    |                                         | NLC |       |       |                     |                     | mm                  | LC |       |       |                     |                     | mm                  |
|----|-----------------------------------------|-----|-------|-------|---------------------|---------------------|---------------------|----|-------|-------|---------------------|---------------------|---------------------|
| A  | Uppercarriage width                     |     |       |       |                     |                     | 2,990 <sup>2)</sup> |    |       |       |                     |                     | 2,990 <sup>2)</sup> |
| B  | Uppercarriage height                    |     |       |       |                     |                     | 3,130               |    |       |       |                     |                     | 3,130               |
| B1 | Uppercarriage height (handrails folded) |     |       |       |                     |                     | 2,910               |    |       |       |                     |                     | 2,910               |
| C  | Cab height                              |     |       |       |                     |                     | 3,150               |    |       |       |                     |                     | 3,150               |
| D  | Counterweight ground clearance          |     |       |       |                     |                     | 1,175               |    |       |       |                     |                     | 1,175               |
| E  | Rear-end length                         |     |       |       |                     |                     | 3,075               |    |       |       |                     |                     | 3,075               |
| F  | Tail swing radius                       |     |       |       |                     |                     | 3,200               |    |       |       |                     |                     | 3,200               |
| G  | Wheelbase                               |     |       |       |                     |                     | 3,990               |    |       |       |                     |                     | 3,990               |
| H  | Undercarriage length                    |     |       |       |                     |                     | 4,840               |    |       |       |                     |                     | 4,840               |
| I  | Undercarriage ground clearance          |     |       |       |                     |                     | 505                 |    |       |       |                     |                     | 505                 |
| J  | Track height                            |     |       |       |                     |                     | 1,055               |    |       |       |                     |                     | 1,055               |
| K  | Track gauge                             |     |       |       |                     |                     | 2,390               |    |       |       |                     |                     | 2,590               |
| L  | Track pad width                         |     | 600   | 700   | 750                 | 800                 | 900                 |    | 600   | 700   | 750                 | 800                 | 900                 |
| M  | Width over tracks                       |     | 2,990 | 3,090 | 3,140               | 3,190               | 3,290               |    | 3,190 | 3,290 | 3,340               | 3,390               | 3,490               |
| N  | Width over steps                        |     | 2,990 | 2,990 | 3,190 <sup>1)</sup> | 3,190 <sup>1)</sup> | 3,190 <sup>1)</sup> |    | 3,190 | 3,190 | 3,390 <sup>1)</sup> | 3,390 <sup>1)</sup> | 3,390 <sup>1)</sup> |

|    |                                         | LC-V |                              |                              |                              |                              | mm                           |
|----|-----------------------------------------|------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| A  | Uppercarriage width                     |      |                              |                              |                              |                              | 2,990 <sup>2)</sup>          |
| B  | Uppercarriage height                    |      |                              |                              |                              |                              | 3,265                        |
| B1 | Uppercarriage height (handrails folded) |      |                              |                              |                              |                              | 3,045                        |
| C  | Cab height                              |      |                              |                              |                              |                              | 3,285                        |
| D  | Counterweight ground clearance          |      |                              |                              |                              |                              | 1,310                        |
| E  | Rear-end length                         |      |                              |                              |                              |                              | 3,075                        |
| F  | Tail swing radius                       |      |                              |                              |                              |                              | 3,200                        |
| G  | Wheelbase                               |      |                              |                              |                              |                              | 4,170                        |
| H  | Undercarriage length                    |      |                              |                              |                              |                              | 5,030                        |
| I  | Undercarriage ground clearance          |      |                              |                              |                              |                              | 680                          |
| J  | Track height                            |      |                              |                              |                              |                              | 1,100                        |
| K  | Track gauge                             |      |                              |                              |                              |                              | 2,390/2,890 <sup>3)</sup>    |
| L  | Track pad width                         |      | 600                          | 700                          | 750                          | 800                          | 900                          |
| M  | Width over tracks                       |      | 2,990/3,490 <sup>3)</sup>    | 3,090/3,590 <sup>3)</sup>    | 3,140/3,640 <sup>3)</sup>    | 3,190/3,690 <sup>3)</sup>    | 3,290/3,790 <sup>3)</sup>    |
| N  | Width over steps                        |      | 3,170/3,670 <sup>1) 3)</sup> | 3,170/3,670 <sup>1) 3)</sup> | 3,170/3,670 <sup>1) 3)</sup> | 3,170/3,670 <sup>1) 3)</sup> | 3,320/3,820 <sup>1) 3)</sup> |

<sup>1)</sup> width with removable steps

<sup>2)</sup> without door stop device and spacer

<sup>3)</sup> work position

|   |                     | Stick length | Mono boom 6.20 m<br>with quick coupler |                     |       | Mono boom straight 6.50 m<br>with quick coupler |                     |       | Two-piece boom 6.40 m<br>with quick coupler |                     |       |
|---|---------------------|--------------|----------------------------------------|---------------------|-------|-------------------------------------------------|---------------------|-------|---------------------------------------------|---------------------|-------|
|   |                     | m            | NLC                                    | mm<br>LC            | LC-V  | NLC                                             | mm<br>LC            | LC-V  | NLC                                         | mm<br>LC            | LC-V  |
| R | Front swing radius  | 2.50         |                                        | 3,700               |       |                                                 | 3,250               |       |                                             | 2,600               |       |
|   |                     | 2.80         |                                        | 3,700               |       |                                                 | 3,250               |       |                                             | 2,700               |       |
|   |                     | 3.20         |                                        | 3,700               |       |                                                 | 3,250               |       |                                             | 2,800               |       |
|   |                     | 3.70         |                                        | 3,700               |       |                                                 | 3,200               |       |                                             | 2,850               |       |
| S | Height with boom up |              | 8,700                                  | 8,700               | 8,850 | 9,300                                           | 9,300               | 9,450 | 9,450                                       | 9,450               | 9,600 |
| T | Boom height         | 2.50         | 3,050                                  | 3,050               | 3,150 | 2,950                                           | 2,950               | 3,000 | 2,900                                       | 2,900               | 3,000 |
|   |                     | 2.80         | 3,100                                  | 3,100               | 3,150 | 3,050                                           | 3,050               | 3,100 | 2,950                                       | 2,950               | 3,050 |
|   |                     | 3.20         | 3,150                                  | 3,150               | 3,200 | 3,150                                           | 3,150               | 3,150 | 3,050                                       | 3,050               | 3,100 |
|   |                     | 3.70         | 3,200                                  | 3,200               | 3,250 | 3,250                                           | 3,250               | 3,250 | 3,200                                       | 3,200               | 3,150 |
| U | Length on ground    | 2.50         | 8,700                                  | 8,700               | 8,750 | 6,500                                           | 6,500               | 6,500 | 6,400                                       | 6,400               | 6,400 |
|   |                     | 2.80         | 5,700                                  | 5,700               | 8,500 | 6,300                                           | 6,300               | 6,300 | 6,150                                       | 6,150               | 6,150 |
|   |                     | 3.20         | 5,350                                  | 5,350               | 8,100 | 6,000                                           | 6,000               | 6,300 | 5,850                                       | 5,850               | 5,850 |
|   |                     | 3.70         | 4,850                                  | 4,850               | 7,600 | 5,600                                           | 5,600               | 5,600 | 5,450                                       | 5,450               | 5,450 |
| V | Overall length      |              |                                        | 10,400              |       |                                                 | 10,800              |       |                                             | 10,650              |       |
|   | Bucket              |              |                                        | 1.60 m <sup>3</sup> |       |                                                 | 1.60 m <sup>3</sup> |       |                                             | 1.60 m <sup>3</sup> |       |

## Transport dimensions

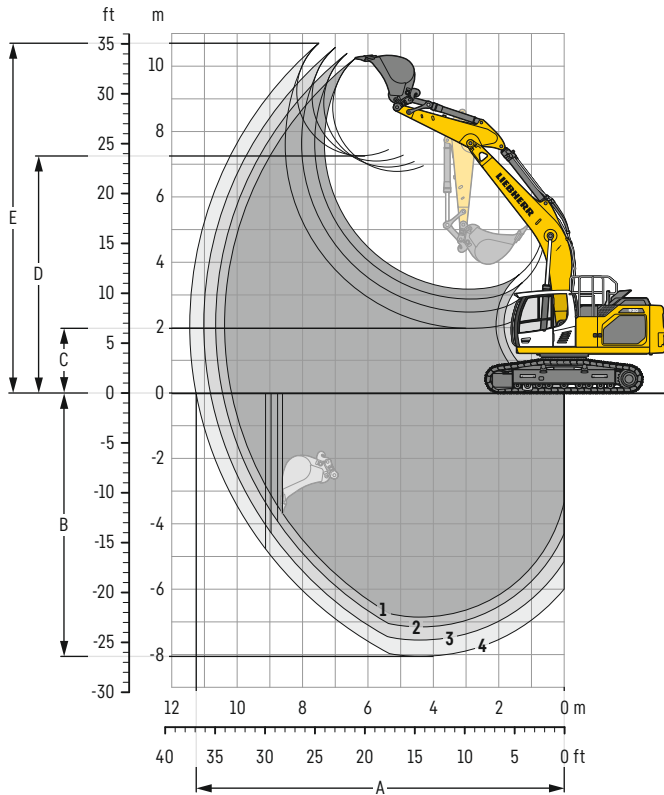
### removable elements disassembled

|                 | Undercarriage | Mono boom 6.20 m |       |       |       |       | Mono boom straight 6.50 m |       |       |       |       | Two-piece boom 6.40 m |       |       |       |       |
|-----------------|---------------|------------------|-------|-------|-------|-------|---------------------------|-------|-------|-------|-------|-----------------------|-------|-------|-------|-------|
|                 |               | mm               |       |       |       |       | mm                        |       |       |       |       | mm                    |       |       |       |       |
| Pad width       |               | 600              | 700   | 750   | 800   | 900   | 600                       | 700   | 750   | 800   | 900   | 600                   | 700   | 750   | 800   | 900   |
| Transport width | NLC           | 2,990            | 3,090 | 3,140 | 3,190 | 3,290 | 2,990                     | 3,090 | 3,140 | 3,190 | 3,290 | 2,990                 | 3,090 | 3,140 | 3,190 | 3,290 |
|                 | LC            | 3,190            | 3,290 | 3,340 | 3,390 | 3,490 | 3,190                     | 3,290 | 3,340 | 3,390 | 3,490 | 3,190                 | 3,290 | 3,340 | 3,390 | 3,490 |
|                 | LC-V          | 2,990            | 3,090 | 3,140 | 3,190 | 3,290 | 2,990                     | 3,090 | 3,140 | 3,190 | 3,290 | 2,990                 | 3,090 | 3,140 | 3,190 | 3,290 |

|                  | Undercarriage /<br>Stick<br>m | NLC   | LC     | LC-V  | NLC   | LC     | LC-V  | NLC   | LC     | LC-V  |
|------------------|-------------------------------|-------|--------|-------|-------|--------|-------|-------|--------|-------|
|                  |                               | mm    |        |       | mm    |        |       | mm    |        |       |
| Transport length |                               |       | 10,400 |       |       | 10,800 |       |       | 10,650 |       |
| Transport height | 2.50                          | 3,150 | 3,150  | 3,285 | 3,150 | 3,150  | 3,285 | 3,150 | 3,150  | 3,285 |
|                  | 2.80                          | 3,150 | 3,150  | 3,285 | 3,150 | 3,150  | 3,285 | 3,150 | 3,150  | 3,285 |
|                  | 3.20                          | 3,150 | 3,150  | 3,285 | 3,150 | 3,150  | 3,285 | 3,150 | 3,150  | 3,285 |
|                  | 3.70                          | 3,200 | 3,200  | 3,285 | 3,250 | 3,250  | 3,285 | 3,200 | 3,200  | 3,285 |

# Backhoe bucket

with mono boom 6.20 m



## Digging envelope

| with quick coupler           |   | 1     | 2     | 3     | 4     |
|------------------------------|---|-------|-------|-------|-------|
| Stick length                 | m | 2.50  | 2.80  | 3.20  | 3.70  |
| A Max. reach at ground level | m | 10.17 | 10.45 | 10.82 | 11.26 |
| B Max. digging depth         | m | 6.86  | 7.16  | 7.56  | 8.05  |
| C Min. dumping height        | m | 3.18  | 2.88  | 2.48  | 1.98  |
| D Max. dumping height        | m | 6.78  | 6.92  | 7.09  | 7.25  |
| E Max. cutting height        | m | 10.25 | 10.38 | 10.56 | 10.70 |

## Forces

| without quick coupler            |    | 1   | 2   | 3   | 4   |
|----------------------------------|----|-----|-----|-----|-----|
| Stick digging force (ISO 6015)   | kN | 168 | 156 | 142 | 128 |
| Bucket digging force (ISO 6015)  | kN | 204 | 204 | 204 | 204 |
| Stick digging force (SAE J1179)  | kN | 160 | 149 | 136 | 123 |
| Bucket digging force (SAE J1179) | kN | 178 | 178 | 178 | 178 |

## Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 5.1t, mono boom 6.20 m, stick 3.20 m, quick coupler SWA 66 (350 kg) and bucket 1.60 m<sup>3</sup> (1,170 kg).

| Undercarriage   |                    | NLC    |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 30,400 | 30,750 | 30,950 | 31,100 | 31,450 |
| Ground pressure | kg/cm <sup>2</sup> | 0.59   | 0.51   | 0.48   | 0.45   | 0.41   |

| Undercarriage   |                    | LC     |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 30,500 | 30,850 | 31,050 | 31,200 | 31,550 |
| Ground pressure | kg/cm <sup>2</sup> | 0.59   | 0.51   | 0.48   | 0.45   | 0.41   |

| Undercarriage   |                    | LC-V   |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 34,500 | 34,900 | 35,150 | 35,350 | 35,750 |
| Ground pressure | kg/cm <sup>2</sup> | 0.64   | 0.56   | 0.52   | 0.49   | 0.44   |

The operating weight includes the basic machine with counterweight 6.2t, mono boom 6.20 m, stick 3.20 m, quick coupler SWA 66 (350 kg) and bucket 1.60 m<sup>3</sup> (1,170 kg).

| Undercarriage   |                    | NLC    |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 31,500 | 31,850 | 32,050 | 32,200 | 32,550 |
| Ground pressure | kg/cm <sup>2</sup> | 0.61   | 0.53   | 0.50   | 0.47   | 0.42   |

| Undercarriage   |                    | LC     |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 31,600 | 31,950 | 32,150 | 32,300 | 32,650 |
| Ground pressure | kg/cm <sup>2</sup> | 0.61   | 0.53   | 0.50   | 0.47   | 0.42   |

| Undercarriage   |                    | LC-V   |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 35,600 | 36,000 | 36,250 | 36,450 | 36,850 |
| Ground pressure | kg/cm <sup>2</sup> | 0.66   | 0.58   | 0.54   | 0.51   | 0.46   |

## Buckets Machine stability per ISO 10567\* (75% of tipping capacity)

|                         |                            |                            |                            |                       | NLC undercarriage<br>(with track pads 600 mm) |      |      |      |                    |      |      |      |      |                       | LC undercarriage<br>(with track pads 600 mm) |      |      |      |                    |      |      |      |      |                       | LC-V undercarriage<br>(with track pads 600 mm) |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|----------------------------|----------------------------|----------------------------|-----------------------|-----------------------------------------------|------|------|------|--------------------|------|------|------|------|-----------------------|----------------------------------------------|------|------|------|--------------------|------|------|------|------|-----------------------|------------------------------------------------|------|------|---|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Cutting width<br>mm     | Capacity<br>ISO 7451<br>m³ | Weight <sup>3)</sup><br>kg | Weight <sup>4)</sup><br>kg | Stick length (m)      |                                               |      |      |      |                    |      |      |      |      | Stick length (m)      |                                              |      |      |      |                    |      |      |      |      | Stick length (m)      |                                                |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                            |                            |                            | without quick coupler |                                               |      |      |      | with quick coupler |      |      |      |      | without quick coupler |                                              |      |      |      | with quick coupler |      |      |      |      | without quick coupler |                                                |      |      |   | with quick coupler |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                            |                            |                            | 2.50                  | 2.80                                          | 3.20 | 3.70 | 2.50 | 2.80               | 3.20 | 3.70 | 2.50 | 2.80 | 3.20                  | 3.70                                         | 2.50 | 2.80 | 3.20 | 3.70               | 2.50 | 2.80 | 3.20 | 3.70 | 2.50                  | 2.80                                           | 3.20 | 3.70 |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| with counterweight 5.1t |                            |                            |                            |                       |                                               |      |      |      |                    |      |      |      |      |                       |                                              |      |      |      |                    |      |      |      |      |                       |                                                |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD <sup>1)</sup>       | 1,050                      | 1.00                       | 870                        | 930                   | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ■    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,070                      | 1,130                 | ▲                                             | ▲    | ▲    | ■    | ▲                  | ▲    | ▲    | ■    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,110                      | 1,170                 | ▲                                             | ▲    | ■    | ▲    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                            | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,160                      | 1,220                 | ■                                             | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ■    | ▲    | ▲                     | ■                                            | ▲    | ▲    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,170                      | 1,230                 | ■                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ▲                     | ■                                            | ■    | ■    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,210                      | 1,270                 | ▲                                             | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | -    | ■                     | ▲                                            | ■    | ▲    | ▲    | ■                  | ▲    | ▲    | ▲    | ■    | ▲                     | ▲                                              | ▲    | ▲    | ■ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,750                      | 2.15                       | 1,260                      | 1,320                 | ■                                             | ▲    | ▲    | -    | ▲                  | ▲    | ▲    | -    | ▲    | ■                     | ▲                                            | ▲    | ■    | ▲    | ▲                  | ▲    | ▲    | ■    | ▲    | ▲                     | ■                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD <sup>2)</sup>        | 1,050                      | 1.00                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,140                      | 1,200                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,230                      | 1,290                 | ▲                                             | ▲    | ■    | ▲    | ▲                  | ▲    | ■    | ■    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,290                      | 1,350                 | ▲                                             | ■    | ▲    | ■    | ■                  | ▲    | ■    | ▲    | ▲    | ▲                     | ■                                            | ■    | ▲    | ▲    | ■                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,350                      | 1,410                 | ■                                             | ▲    | ■    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ■                     | ■                                            | ■    | ▲    | ▲    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,340                      | 1,400                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ■    | ■    | ▲    | -    | ▲                     | ■                                            | ■    | ▲    | ■    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ■ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,400                      | 1,460                 | ■                                             | ■    | ▲    | ▲    | ■                  | ▲    | ▲    | -    | ■    | ▲                     | ■                                            | ▲    | ▲    | ▲    | ■                  | ▲    | ▲    | ■    | ▲    | ▲                     | ▲                                              | ▲    | ■    | ▲ | ■                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,750                      | 2.15                       | 1,450                      | 1,510                 | ▲                                             | ▲    | ▲    | -    | ▲                  | ▲    | -    | -    | ▲    | ■                     | ▲                                            | ▲    | ▲    | ■    | ▲                  | ▲    | -    | ▲    | ▲    | ■                     | ▲                                              | ▲    | ■    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| with counterweight 6.2t |                            |                            |                            |                       |                                               |      |      |      |                    |      |      |      |      |                       |                                              |      |      |      |                    |      |      |      |      |                       |                                                |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD <sup>1)</sup>       | 1,050                      | 1.00                       | 870                        | 930                   | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,070                      | 1,130                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ■    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,110                      | 1,170                 | ▲                                             | ▲    | ▲    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,160                      | 1,220                 | ▲                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ▲                     | ■                                            | ■    | ▲    | ▲    | ■                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,170                      | 1,230                 | ▲                                             | ■    | ■    | ■    | ■                  | ▲    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ■    | ■    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,210                      | 1,270                 | ■                                             | ■    | ▲    | ■    | ■                  | ■    | ▲    | ▲    | ▲    | ▲                     | ■                                            | ■    | ▲    | ■    | ■                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,750                      | 2.15                       | 1,260                      | 1,320                 | ▲                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ▲                     | ■                                            | ■    | ▲    | ■    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ■ | ■                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD <sup>2)</sup>        | 1,050                      | 1.00                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,140                      | 1,200                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,230                      | 1,290                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ■    | ■    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,290                      | 1,350                 | ▲                                             | ▲    | ▲    | ■    | ■                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,350                      | 1,410                 | ▲                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ■    | ■    | ■                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,340                      | 1,400                 | ▲                                             | ■    | ■    | ■    | ■                  | ■    | ■    | ▲    | ▲    | ▲                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,400                      | 1,460                 | ■                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ■                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ | ▲                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,750                      | 2.15                       | 1,450                      | 1,510                 | ▲                                             | ■    | ▲    | ▲    | ■                  | ■    | ■    | ▲    | ▲    | ■                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ▲    | ▲    | ▲    | ■                     | ▲                                              | ▲    | ▲    | ■ | ■                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

<sup>1)</sup> Standard bucket with teeth Z 50

<sup>2)</sup> HD bucket with teeth Z 50

<sup>3)</sup> Bucket for direct mounting

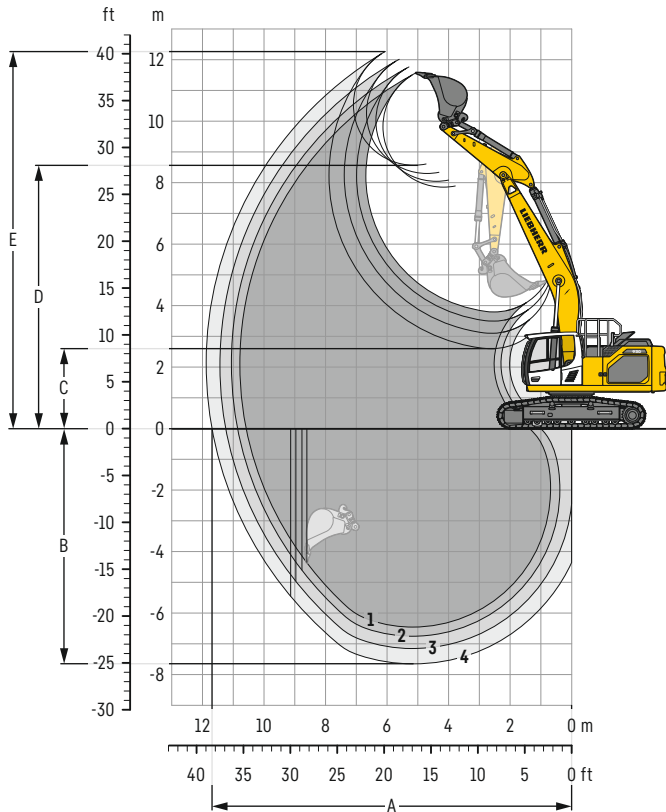
<sup>4)</sup> Bucket for mounting to quick coupler SWA 66 (350 kg)

Other buckets available upon request

Max. material weight ▲ = ≤ 2.0t/m<sup>3</sup>, ■ = ≤ 1.8t/m<sup>3</sup>, ▲ = ≤ 1.65t/m<sup>3</sup>, ■ = ≤ 1.5t/m<sup>3</sup>, △ = ≤ 1.2t/m<sup>3</sup>, - = not authorised

# Backhoe bucket

with mono boom straight 6.50 m



## Digging envelope

| with quick coupler           |   | 1     | 2     | 3     | 4     |
|------------------------------|---|-------|-------|-------|-------|
| Stick length                 | m | 2.50  | 2.80  | 3.20  | 3.70  |
| A Max. reach at ground level | m | 10.58 | 10.86 | 11.24 | 11.69 |
| B Max. digging depth         | m | 6.45  | 6.75  | 7.15  | 7.65  |
| C Min. dumping height        | m | 3.79  | 3.49  | 3.10  | 2.60  |
| D Max. dumping height        | m | 7.85  | 8.04  | 8.30  | 8.56  |
| E Max. cutting height        | m | 11.57 | 11.76 | 12.02 | 12.26 |

## Forces

| without quick coupler            |    | 1   | 2   | 3   | 4   |
|----------------------------------|----|-----|-----|-----|-----|
| Stick digging force (ISO 6015)   | kN | 168 | 156 | 142 | 128 |
| Bucket digging force (ISO 6015)  | kN | 204 | 204 | 204 | 204 |
| Stick digging force (SAE J1179)  | kN | 160 | 149 | 136 | 123 |
| Bucket digging force (SAE J1179) | kN | 178 | 178 | 178 | 178 |

## Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 5.1t, mono boom straight 6.50 m, stick 3.20 m, quick coupler SWA 66 (350 kg) and bucket 1.60 m<sup>3</sup> (1,170 kg).

| Undercarriage   |                    | NLC    |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 30,450 | 30,800 | 31,000 | 31,150 | 31,500 |
| Ground pressure | kg/cm <sup>2</sup> | 0.59   | 0.51   | 0.48   | 0.45   | 0.41   |

| Undercarriage   |                    | LC     |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 30,550 | 30,900 | 31,100 | 31,250 | 31,600 |
| Ground pressure | kg/cm <sup>2</sup> | 0.59   | 0.51   | 0.48   | 0.46   | 0.41   |

| Undercarriage   |                    | LC-V   |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 34,550 | 34,950 | 35,200 | 35,400 | 35,800 |
| Ground pressure | kg/cm <sup>2</sup> | 0.64   | 0.56   | 0.52   | 0.49   | 0.44   |

The operating weight includes the basic machine with counterweight 6.2t, mono boom straight 6.50 m, stick 3.20 m, quick coupler SWA 66 (350 kg) and bucket 1.60 m<sup>3</sup> (1,170 kg).

| Undercarriage   |                    | NLC    |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 31,550 | 31,900 | 32,100 | 32,250 | 32,600 |
| Ground pressure | kg/cm <sup>2</sup> | 0.61   | 0.53   | 0.50   | 0.47   | 0.42   |

| Undercarriage   |                    | LC     |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 31,650 | 32,000 | 32,200 | 32,350 | 32,700 |
| Ground pressure | kg/cm <sup>2</sup> | 0.62   | 0.53   | 0.50   | 0.47   | 0.42   |

| Undercarriage   |                    | LC-V   |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 35,650 | 36,050 | 36,300 | 36,500 | 36,900 |
| Ground pressure | kg/cm <sup>2</sup> | 0.66   | 0.58   | 0.54   | 0.51   | 0.46   |

## Buckets Machine stability per ISO 10567\* (75% of tipping capacity)

|                          |                            |                            |                            |                       | NLC undercarriage<br>(with track pads 600 mm) |      |      |      |                    |      |      |      |      |                       | LC undercarriage<br>(with track pads 600 mm) |      |      |      |                    |      |      |      |      |                       | LC-V undercarriage<br>(with track pads 600 mm) |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------|----------------------------|----------------------------|----------------------------|-----------------------|-----------------------------------------------|------|------|------|--------------------|------|------|------|------|-----------------------|----------------------------------------------|------|------|------|--------------------|------|------|------|------|-----------------------|------------------------------------------------|------|------|---|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Cutting width<br>mm      | Capacity<br>ISO 7451<br>m³ | Weight <sup>3)</sup><br>kg | Weight <sup>4)</sup><br>kg | Stick length (m)      |                                               |      |      |      |                    |      |      |      |      | Stick length (m)      |                                              |      |      |      |                    |      |      |      |      | Stick length (m)      |                                                |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                            |                            |                            | without quick coupler |                                               |      |      |      | with quick coupler |      |      |      |      | without quick coupler |                                              |      |      |      | with quick coupler |      |      |      |      | without quick coupler |                                                |      |      |   | with quick coupler |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                            |                            |                            | 2.50                  | 2.80                                          | 3.20 | 3.70 | 2.50 | 2.80               | 3.20 | 3.70 | 2.50 | 2.80 | 3.20                  | 3.70                                         | 2.50 | 2.80 | 3.20 | 3.70               | 2.50 | 2.80 | 3.20 | 3.70 | 2.50                  | 2.80                                           | 3.20 | 3.70 |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| with counterweight 5.1 t |                            |                            |                            |                       |                                               |      |      |      |                    |      |      |      |      |                       |                                              |      |      |      |                    |      |      |      |      |                       |                                                |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD <sup>1)</sup>        | 1,050                      | 1.00                       | 870                        | 930                   | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,250                      | 1.25                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ■                  | ▲    | ▲    | ▲    | ■    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,400                      | 1.45                       | 1,070                      | 1,130                 | ▲                                             | ▲    | ■    | ■    | ■                  | ■    | ■    | ■    | ▲    | ▲                     | ▲                                            | ▲    | ■    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.60                       | 1,110                      | 1,170                 | ■                                             | ▲    | ■    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ■    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 1.75                       | 1,160                      | 1,220                 | ▲                                             | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | -                     | ■                                            | ■    | ▲    | ▲    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.85                       | 1,170                      | 1,230                 | ■                                             | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | -                     | ■                                            | ▲    | ■    | ▲    | ▲                  | ▲    | ▲    | ▲    | ■    | ▲                     | ▲                                              | ▲    | ▲    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 2.00                       | 1,210                      | 1,270                 | ▲                                             | ▲    | ▲    | -    | ▲                  | ▲    | -    | -    | -    | ▲                     | ■                                            | ▲    | ▲    | ▲    | ■                  | ▲    | ▲    | -    | ▲    | ▲                     | ■                                              | ▲    | ▲    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                    | 2.15                       | 1,260                      | 1,320                      | ▲                     | ▲                                             | -    | -    | ▲    | -                  | -    | -    | -    | ■    | ▲                     | ▲                                            | ▲    | -    | ▲    | ▲                  | ▲    | -    | ▲    | ■    | ■                     | ■                                              | ▲    | ■    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD <sup>2)</sup>         | 1,050                      | 1.00                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,250                      | 1.25                       | 1,140                      | 1,200                 | ▲                                             | ▲    | ▲    | ▲    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ▲    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,400                      | 1.45                       | 1,230                      | 1,290                 | ▲                                             | ■    | ■    | ▲    | ■                  | ■    | ■    | ▲    | ▲    | ■                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.60                       | 1,290                      | 1,350                 | ■                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ▲    | -    | ▲                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 1.75                       | 1,350                      | 1,410                 | ▲                                             | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | -    | ■                     | ■                                            | ▲    | ■    | ▲    | ■                  | ▲    | ▲    | ▲    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.85                       | 1,340                      | 1,400                 | ■                                             | ▲    | ▲    | -    | ▲                  | ▲    | -    | -    | -    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ■                  | ■    | ■    | -    | ▲    | ▲                     | ■                                              | ▲    | ■    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 2.00                       | 1,400                      | 1,460                 | ▲                                             | ▲    | -    | -    | ▲                  | -    | -    | -    | -    | ■                     | ■                                            | ■    | ▲    | ▲    | ■                  | ▲    | ▲    | -    | ▲    | ▲                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                    | 2.15                       | 1,450                      | 1,510                      | ▲                     | ▲                                             | -    | -    | -    | -                  | -    | -    | -    | ▲    | ▲                     | ▲                                            | ▲    | -    | ▲    | ▲                  | ▲    | -    | ▲    | ■    | ■                     | ■                                              | ■    | ▲    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| with counterweight 6.2 t |                            |                            |                            |                       |                                               |      |      |      |                    |      |      |      |      |                       |                                              |      |      |      |                    |      |      |      |      |                       |                                                |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD <sup>1)</sup>        | 1,050                      | 1.00                       | 870                        | 930                   | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,250                      | 1.25                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,400                      | 1.45                       | 1,070                      | 1,130                 | ▲                                             | ▲    | ▲    | ■    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ▲    | ■    | ▲                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.60                       | 1,110                      | 1,170                 | ▲                                             | ▲    | ■    | ▲    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 1.75                       | 1,160                      | 1,220                 | ▲                                             | ■    | ▲    | ■    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.85                       | 1,170                      | 1,230                 | ■                                             | ▲    | ■    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ▲                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 2.00                       | 1,210                      | 1,270                 | ▲                                             | ■    | ▲    | ▲    | ■                  | ■    | ■    | ▲    | -    | ■                     | ■                                            | ■    | ▲    | ▲    | ■                  | ■    | ■    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                    | 2.15                       | 1,260                      | 1,320                      | ■                     | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | -    | ▲    | ▲                     | ■                                            | ▲    | ▲    | ■    | ■                  | ■    | ▲    | ▲    | ▲    | ■                     | ■                                              | ■    | ▲    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD <sup>2)</sup>         | 1,050                      | 1.00                       | 1,000                      | 1,050                 | ▲                                             | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                            | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                     | ▲                                              | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,250                      | 1.25                       | 1,140                      | 1,200                 | ▲                                             | ▲    | ▲    | ▲    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ▲    | ■    | ▲                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,400                      | 1.45                       | 1,230                      | 1,290                 | ▲                                             | ▲    | ▲    | ■    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ▲    | ▲    | ■    | ▲                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.60                       | 1,290                      | 1,350                 | ▲                                             | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 1.75                       | 1,350                      | 1,410                 | ■                                             | ▲    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ▲                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,550                      | 1.85                       | 1,340                      | 1,400                 | ■                                             | ▲    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ▲                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          | 1,650                      | 2.00                       | 1,400                      | 1,460                 | ▲                                             | ■    | ▲    | ▲    | ■                  | ■    | ■    | ▲    | -    | ■                     | ■                                            | ■    | ■    | ■    | ■                  | ■    | ■    | ■    | ■    | ■                     | ■                                              | ■    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                    | 2.15                       | 1,450                      | 1,510                      | ■                     | ▲                                             | ▲    | -    | ▲    | ▲                  | -    | -    | -    | ▲    | ■                     | ■                                            | ▲    | ▲    | ■    | ■                  | ■    | -    | ▲    | ▲    | ■                     | ■                                              | ■    | ■    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

<sup>1)</sup> Standard bucket with teeth Z 50

<sup>2)</sup> HD bucket with teeth Z 50

<sup>3)</sup> Bucket for direct mounting

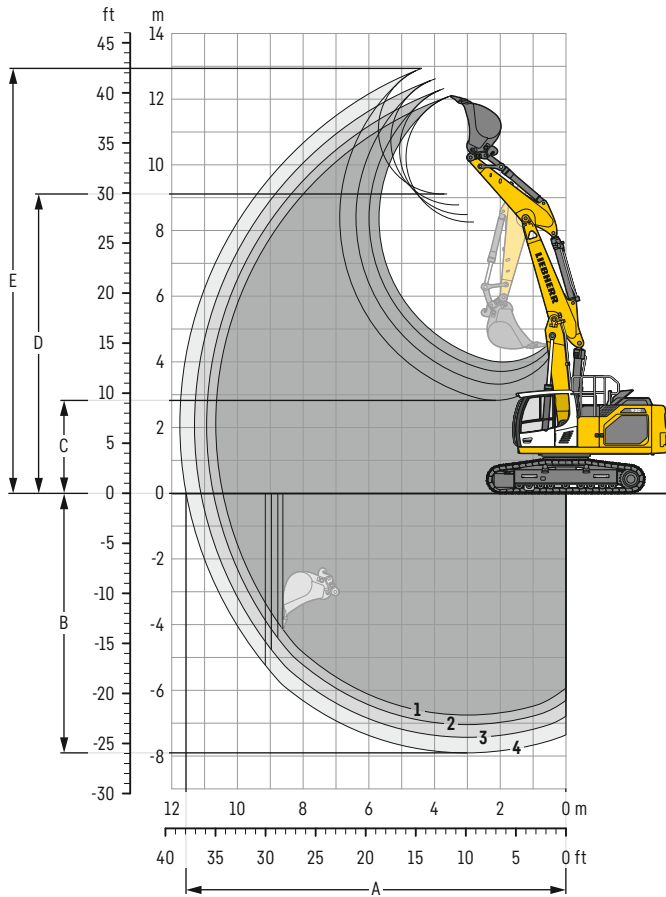
<sup>4)</sup> Bucket for mounting to quick coupler SWA 66 (350 kg)

Other buckets available upon request

Max. material weight ▲ = ≤ 2.0t/m<sup>3</sup>, ■ = ≤ 1.8t/m<sup>3</sup>, ▲ = ≤ 1.65t/m<sup>3</sup>, ■ = ≤ 1.5t/m<sup>3</sup>, ▲ = ≤ 1.2t/m<sup>3</sup>, - = not authorised

# Backhoe bucket

with two-piece boom 6.40 m



## Digging envelope

| with quick coupler           |   | 1     | 2     | 3     | 4     |
|------------------------------|---|-------|-------|-------|-------|
| Stick length                 | m | 2.50  | 2.80  | 3.20  | 3.70  |
| A Max. reach at ground level | m | 10.45 | 10.73 | 11.11 | 11.56 |
| B Max. digging depth         | m | 6.75  | 7.05  | 7.43  | 7.91  |
| C Min. dumping height        | m | 4.00  | 3.71  | 3.32  | 2.83  |
| D Max. dumping height        | m | 8.26  | 8.49  | 8.79  | 9.11  |
| E Max. cutting height        | m | 12.09 | 12.32 | 12.62 | 12.93 |

## Forces

| without quick coupler            |    | 1   | 2   | 3   | 4   |
|----------------------------------|----|-----|-----|-----|-----|
| Stick digging force (ISO 6015)   | kN | 168 | 156 | 142 | 128 |
| Bucket digging force (ISO 6015)  | kN | 204 | 204 | 204 | 204 |
| Stick digging force (SAE J1179)  | kN | 160 | 149 | 136 | 123 |
| Bucket digging force (SAE J1179) | kN | 178 | 178 | 178 | 178 |

## Operating weight and ground pressure

The operating weight includes the basic machine with counterweight 5.1t, two-piece boom 6.40 m, stick 3.20 m, quick coupler SWA 66 (350 kg) and bucket 1.60 m<sup>3</sup> (1,170 kg).

| Undercarriage   |                    | NLC    |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 31,300 | 31,650 | 31,850 | 32,000 | 32,350 |
| Ground pressure | kg/cm <sup>2</sup> | 0.61   | 0.53   | 0.50   | 0.47   | 0.42   |

| Undercarriage   |                    | LC     |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 31,400 | 31,750 | 31,950 | 32,100 | 32,450 |
| Ground pressure | kg/cm <sup>2</sup> | 0.61   | 0.53   | 0.50   | 0.47   | 0.42   |

| Undercarriage   |                    | LC-V   |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 35,400 | 35,800 | 36,050 | 36,250 | 36,650 |
| Ground pressure | kg/cm <sup>2</sup> | 0.66   | 0.57   | 0.54   | 0.51   | 0.46   |

The operating weight includes the basic machine with counterweight 6.2t, two-piece boom 6.40 m, stick 3.20 m, quick coupler SWA 66 (350 kg) and bucket 1.60 m<sup>3</sup> (1,170 kg).

| Undercarriage   |                    | NLC    |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 32,400 | 32,750 | 32,950 | 33,100 | 33,450 |
| Ground pressure | kg/cm <sup>2</sup> | 0.63   | 0.55   | 0.51   | 0.48   | 0.43   |

| Undercarriage   |                    | LC     |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 32,500 | 32,850 | 33,050 | 33,200 | 33,550 |
| Ground pressure | kg/cm <sup>2</sup> | 0.63   | 0.55   | 0.51   | 0.48   | 0.43   |

| Undercarriage   |                    | LC-V   |        |        |        |        |
|-----------------|--------------------|--------|--------|--------|--------|--------|
| Pad width       | mm                 | 600    | 700    | 750    | 800    | 900    |
| Weight          | kg                 | 36,500 | 36,900 | 37,150 | 37,350 | 37,750 |
| Ground pressure | kg/cm <sup>2</sup> | 0.68   | 0.59   | 0.55   | 0.52   | 0.47   |

## Buckets Machine stability per ISO 10567\* (75% of tipping capacity)

|                         |                            |                            |                            | NLC undercarriage<br>(with track pads 600 mm) |      |      |      |      |                    |      |      |      |      | LC undercarriage<br>(with track pads 600 mm) |      |      |      |      |                    |      |      |      |      | LC-V undercarriage<br>(with track pads 600 mm) |      |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|----------------------------|----------------------------|----------------------------|-----------------------------------------------|------|------|------|------|--------------------|------|------|------|------|----------------------------------------------|------|------|------|------|--------------------|------|------|------|------|------------------------------------------------|------|------|------|---|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Cutting width<br>mm     | Capacity<br>ISO 7451<br>m³ | Weight <sup>3)</sup><br>kg | Weight <sup>4)</sup><br>kg | Stick length (m)                              |      |      |      |      |                    |      |      |      |      | Stick length (m)                             |      |      |      |      |                    |      |      |      |      | Stick length (m)                               |      |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                            |                            |                            | without quick coupler                         |      |      |      |      | with quick coupler |      |      |      |      | without quick coupler                        |      |      |      |      | with quick coupler |      |      |      |      | without quick coupler                          |      |      |      |   | with quick coupler |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                            |                            |                            | 2.50                                          | 2.80 | 3.20 | 3.70 | 2.50 | 2.80               | 3.20 | 3.70 | 2.50 | 2.80 | 3.20                                         | 3.70 | 2.50 | 2.80 | 3.20 | 3.70               | 2.50 | 2.80 | 3.20 | 3.70 | 2.50                                           | 2.80 | 3.20 | 3.70 |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| with counterweight 5.1t |                            |                            |                            |                                               |      |      |      |      |                    |      |      |      |      |                                              |      |      |      |      |                    |      |      |      |      |                                                |      |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD <sup>1)</sup>       | 1,050                      | 1.00                       | 870                        | 930                                           | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,000                      | 1,050                                         | ▲    | ▲    | ▲    | ■    | ▲                  | ▲    | ▲    | ■    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,070                      | 1,130                                         | ▲    | ▲    | ▲    | ■    | ■                  | ■    | ▲    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ■    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,110                      | 1,170                                         | ■    | ■    | ■    | △    | ■                  | ▲    | ▲    | △    | ▲    | ▲                                            | ▲    | ■    | ▲    | ■    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,160                      | 1,220                                         | ▲    | ■    | ▲    | △    | ▲                  | ■    | △    | △    | -    | ▲                                            | ■    | ▲    | ■    | ■    | ▲                  | △    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,170                      | 1,230                                         | ▲    | ■    | ▲    | △    | ▲                  | ■    | △    | △    | -    | ■                                            | ▲    | ■    | ▲    | ▲    | △                  | △    | ▲    | ▲    | ▲    | ■                                              | ▲    | ▲    | ▲    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,210                      | 1,270                                         | ■    | △    | △    | -    | △                  | △    | -    | -    | -    | ▲                                            | ■    | ▲    | △    | △    | ■                  | △    | △    | -    | ▲    | ▲                                              | ▲    | ■    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                   | 2.15                       | 1,260                      | 1,320                      | △                                             | △    | -    | -    | △    | -                  | -    | -    | -    | ■    | △                                            | △    | -    | △    | △    | △                  | -    | ▲    | ▲    | ■    | ▲                                              | ▲    | ■    | ■    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD <sup>2)</sup>        | 1,050                      | 1.00                       | 1,000                      | 1,050                                         | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,140                      | 1,200                                         | ▲    | ▲    | ▲    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,230                      | 1,290                                         | ▲    | ■    | ▲    | ■    | ■                  | ▲    | ■    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ■                  | ■    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,290                      | 1,350                                         | ■    | ▲    | ■    | ▲    | ▲                  | ■    | ▲    | △    | ▲    | ▲                                            | ■    | ▲    | ■    | ■    | ■                  | ▲    | △    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,350                      | 1,410                                         | ▲    | ■    | ▲    | △    | ▲                  | ■    | △    | △    | -    | ■                                            | ▲    | ■    | ▲    | ▲    | ■                  | △    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ■    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,340                      | 1,400                                         | ■    | △    | △    | -    | △                  | △    | -    | -    | -    | ■                                            | ▲    | ■    | ▲    | ▲    | ■                  | △    | △    | ▲    | ▲    | ▲                                              | ■    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,400                      | 1,460                                         | △    | △    | △    | -    | △                  | △    | -    | -    | -    | ▲                                            | ■    | ▲    | △    | △    | ■                  | △    | △    | -    | ▲    | ▲                                              | ■    | ▲    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                   | 2.15                       | 1,450                      | 1,510                      | △                                             | △    | -    | -    | △    | -                  | -    | -    | -    | ■    | △                                            | △    | -    | △    | △    | -                  | -    | ▲    | ■    | ▲    | ■                                              | ■    | ▲    | ■    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| with counterweight 6.2t |                            |                            |                            |                                               |      |      |      |      |                    |      |      |      |      |                                              |      |      |      |      |                    |      |      |      |      |                                                |      |      |      |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD <sup>1)</sup>       | 1,050                      | 1.00                       | 870                        | 930                                           | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,000                      | 1,050                                         | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,070                      | 1,130                                         | ▲    | ▲    | ▲    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,110                      | 1,170                                         | ▲    | ▲    | ■    | ▲    | ▲                  | ■    | ▲    | ■    | ▲    | ▲                                            | ▲    | ■    | ▲    | ▲    | ▲                  | ■    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,160                      | 1,220                                         | ▲    | ▲    | ■    | ■    | ■                  | ▲    | ■    | ▲    | ■    | ▲                                            | ▲    | ■    | ■    | ■    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,170                      | 1,230                                         | ■    | ▲    | ■    | ▲    | ■                  | ▲    | ■    | ▲    | ▲    | ▲                                            | ■    | ▲    | ■    | ■    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,210                      | 1,270                                         | ▲    | ■    | ▲    | △    | ▲                  | ■    | ■    | ▲    | △    | ▲                                            | ■    | ■    | ▲    | ■    | ■                  | ▲    | △    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ■    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                   | 2.15                       | 1,260                      | 1,320                      | ■                                             | ■    | △    | △    | ■    | △                  | △    | -    | -    | ■    | ▲                                            | ■    | ▲    | ▲    | ■    | △                  | △    | ▲    | ▲    | ▲    | ■                                              | ▲    | ▲    | ▲    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HD <sup>2)</sup>        | 1,050                      | 1.00                       | 1,000                      | 1,050                                         | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,250                      | 1.25                       | 1,140                      | 1,200                                         | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ■    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,400                      | 1.45                       | 1,230                      | 1,290                                         | ▲    | ▲    | ▲    | ■    | ▲                  | ▲    | ■    | ▲    | ▲    | ▲                                            | ▲    | ▲    | ▲    | ▲    | ▲                  | ■    | ■    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.60                       | 1,290                      | 1,350                                         | ▲    | ▲    | ▲    | ■    | ■                  | ■    | ▲    | △    | ▲    | ▲                                            | ▲    | ■    | ▲    | ▲    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 1.75                       | 1,350                      | 1,410                                         | ■    | ■    | ▲    | △    | ■                  | ▲    | ■    | ▲    | △    | ▲                                            | ▲    | ■    | ■    | ■    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,550                      | 1.85                       | 1,340                      | 1,400                                         | ■    | ▲    | ■    | ▲    | ■                  | ▲    | ■    | ▲    | △    | ▲                                            | ■    | ■    | ■    | ■    | ■                  | ▲    | ▲    | ▲    | ▲    | ▲                                              | ▲    | ▲    | ▲    | ▲ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         | 1,650                      | 2.00                       | 1,400                      | 1,460                                         | ▲    | ■    | ▲    | △    | ▲                  | ■    | △    | △    | -    | ■                                            | ▲    | ■    | ▲    | ■    | ■                  | ■    | ▲    | ▲    | ▲    | ■                                              | ▲    | ▲    | ■    | ■ |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1,750                   | 2.15                       | 1,450                      | 1,510                      | ■                                             | △    | △    | -    | △    | △                  | -    | -    | -    | ▲    | ■                                            | ▲    | △    | △    | ▲    | ▲                  | △    | △    | ▲    | ▲    | ▲                                              | ■    | ▲    | ■    |   |                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

<sup>1)</sup> Standard bucket with teeth Z 50

<sup>2)</sup> HD bucket with teeth Z 50

<sup>3)</sup> Bucket for direct mounting

<sup>4)</sup> Bucket for mounting to quick coupler SWA 66 (350 kg)

Other buckets available upon request

Max. material weight ▲ = ≤ 2.0t/m<sup>3</sup>, ■ = ≤ 1.8t/m<sup>3</sup>, ▲ = ≤ 1.65t/m<sup>3</sup>, ■ = ≤ 1.5t/m<sup>3</sup>, △ = ≤ 1.2t/m<sup>3</sup>, - = not authorised

# Lift capacities

with mono boom 6.20 m, counterweight 5.1 t and track pads 600 mm

## Stick 2.50 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m    | 9.0 m | Max. reach | m   |
|----------------|-------------|-------------|-----------|----------|-------|------------|-----|
| Height         |             |             |           |          |       |            |     |
| 9.0            |             |             | 7.3 9.0*  |          |       | 6.5 8.3*   | 6.4 |
| 7.5            |             |             | 7.2 9.3*  |          |       | 5.1 8.1*   | 7.5 |
| 6.0            |             |             |           |          |       |            |     |
| 4.5            |             | 10.5 12.8*  | 6.9 10.2* | 4.9 8.0  |       | 4.4 7.1    | 8.1 |
| 3.0            |             | 9.6 15.3*   | 6.5 11.1  | 4.7 7.8  |       | 4.0 6.6    | 8.4 |
| 1.5            |             | 9.1 16.5*   | 6.2 10.7  | 4.6 7.7  |       | 3.9 6.5    | 8.4 |
| 0              |             | 8.9 16.2*   | 6.0 10.5  | 4.5 7.5  |       | 4.0 6.7    | 8.2 |
| -1.5           | 13.0* 13.0* | 8.9 15.0*   | 6.0 10.4  | 4.5 7.5  |       | 4.4 7.4    | 7.6 |
| -3.0           | 15.9* 15.9* | 9.1 12.8*   | 6.1 9.9*  |          |       | 5.3 8.5*   | 6.7 |
| -4.5           |             | 8.7* 8.7*   |           |          |       | 7.4* 7.4*  | 5.2 |
| -6.0           |             |             |           |          |       |            |     |
| LC             |             |             |           |          |       |            |     |
| 9.0            |             |             | 8.0 9.0*  |          |       | 7.1 8.3*   | 6.4 |
| 7.5            |             |             | 7.9 9.3*  |          |       | 5.6 8.1*   | 7.5 |
| 6.0            |             |             |           |          |       | 4.8 7.2    | 8.1 |
| 4.5            |             | 11.6 12.8*  | 7.5 10.2* | 5.4 8.1  |       | 4.4 6.7    | 8.4 |
| 3.0            |             | 10.7 15.3*  | 7.1 11.2  | 5.2 7.9  |       | 4.3 6.6    | 8.4 |
| 1.5            |             | 10.1 16.5*  | 6.8 10.8  | 5.0 7.7  |       | 4.4 6.8    | 8.2 |
| 0              |             | 10.0 16.2*  | 6.6 10.6  | 4.9 7.6  |       | 4.9 7.5    | 7.6 |
| -1.5           | 13.0* 13.0* | 10.0 15.0*  | 6.6 10.6  | 4.9 7.6  |       | 5.9 8.5*   | 6.7 |
| -3.0           | 15.9* 15.9* | 10.2 12.8*  | 6.7 9.9*  |          |       | 7.4* 7.4*  | 5.2 |
| -4.5           |             | 8.7* 8.7*   |           |          |       |            |     |
| -6.0           |             |             |           |          |       |            |     |
| LC-V           |             |             |           |          |       |            |     |
| 9.0            |             |             | 9.0* 9.0* |          |       | 8.3* 8.3*  | 6.4 |
| 7.5            |             |             | 9.3* 9.3* | 6.8 8.2* |       | 6.8 8.1*   | 7.5 |
| 6.0            |             |             |           |          |       | 6.0 8.2*   | 8.1 |
| 4.5            |             | 13.1* 13.1* | 9.4 10.3* | 6.7 8.9* |       | 5.6 8.0    | 8.4 |
| 3.0            |             | 13.6 15.4*  | 9.0 11.3* | 6.5 9.3* |       | 5.7 7.9    | 8.4 |
| 1.5            |             | 13.1 16.5*  | 8.7 12.1* | 6.4 9.2  |       | 5.7 8.2    | 8.2 |
| 0              |             | 12.9 16.2*  | 8.5 12.2* | 6.3 9.1  |       | 6.2 8.7*   | 7.6 |
| -1.5           | 13.8* 13.8* | 13.0 14.9*  | 8.5 11.5* | 6.3 8.8* |       | 7.6 8.4*   | 6.7 |
| -3.0           | 15.5* 15.5* | 12.6* 12.6* | 8.6 9.6*  |          |       | 7.2* 7.2*  | 5.2 |
| -4.5           |             | 8.2* 8.2*   |           |          |       |            |     |
| -6.0           |             |             |           |          |       |            |     |

## Stick 2.80 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m    | 9.0 m | Max. reach | m   |
|----------------|-------------|-------------|-----------|----------|-------|------------|-----|
| Height         |             |             |           |          |       |            |     |
| 9.0            |             |             | 7.4 8.5*  |          |       | 6.0 7.3*   | 6.8 |
| 7.5            |             |             | 7.3 8.9*  | 5.1 8.2  |       | 4.8 7.1*   | 7.8 |
| 6.0            |             |             | 6.9 9.8*  | 4.9 8.1  |       | 4.1 6.8    | 8.4 |
| 4.5            | 18.5* 18.5* | 10.6 12.2*  | 6.9 9.8*  | 4.9 8.1  |       | 3.8 6.3    | 8.6 |
| 3.0            |             | 9.7 14.7*   | 6.5 11.0* | 4.7 7.8  |       | 3.7 6.2    | 8.7 |
| 1.5            |             | 9.1 16.2*   | 6.2 10.7  | 4.5 7.6  |       | 3.8 6.3    | 8.4 |
| 0              |             | 8.9 16.3*   | 6.0 10.4  | 4.4 7.5  |       | 4.1 6.9    | 7.9 |
| -1.5           | 12.5* 12.5* | 8.8 15.3*   | 5.9 10.4  | 4.4 7.5  |       | 4.9 8.3*   | 7.0 |
| -3.0           | 17.1* 17.1* | 9.0 13.4*   | 6.0 10.3* |          |       | 6.9 7.6*   | 5.6 |
| -4.5           | 12.1* 12.1* | 9.3 9.7*    |           |          |       |            |     |
| -6.0           |             |             |           |          |       |            |     |
| LC             |             |             |           |          |       |            |     |
| 9.0            |             |             | 8.1 8.5*  |          |       | 6.6 7.3*   | 6.8 |
| 7.5            |             |             | 7.9 8.9*  | 5.5 8.2* |       | 5.2 7.1*   | 7.8 |
| 6.0            |             |             | 7.6 9.8*  | 5.4 8.1  |       | 4.5 6.8    | 8.4 |
| 4.5            | 18.5* 18.5* | 11.7 12.2*  | 7.2 11.0* | 5.2 7.9  |       | 4.2 6.4    | 8.6 |
| 3.0            |             | 10.8 14.7*  | 6.8 10.8  | 5.0 7.7  |       | 4.1 6.2    | 8.7 |
| 1.5            |             | 10.1 16.2*  | 6.6 10.6  | 4.9 7.6  |       | 4.6 7.0    | 7.9 |
| 0              |             | 9.9 16.3*   | 6.5 10.5  | 4.9 7.6  |       | 5.4 8.3*   | 7.0 |
| -1.5           | 12.5* 12.5* | 9.9 15.3*   | 6.6 10.3* |          |       | 7.6* 7.6*  | 5.6 |
| -3.0           | 17.1* 17.1* | 10.0 13.4*  |           |          |       |            |     |
| -4.5           | 12.1* 12.1* | 9.7* 9.7*   |           |          |       |            |     |
| -6.0           |             |             |           |          |       |            |     |
| LC-V           |             |             |           |          |       |            |     |
| 9.0            |             |             | 8.5* 8.5* |          |       | 8.0* 8.0*  | 6.8 |
| 7.5            |             |             | 8.9* 8.9* | 6.9 8.3* |       | 6.4 7.1*   | 7.8 |
| 6.0            |             |             | 9.4 9.9*  | 6.7 8.6* |       | 5.7 7.2*   | 8.4 |
| 4.5            |             | 12.5* 12.5* | 9.0 11.0* | 6.5 9.1* |       | 5.3 7.6*   | 8.6 |
| 3.0            |             | 13.7 14.9*  | 8.6 11.9* | 6.3 9.2  |       | 5.2 7.5    | 8.7 |
| 1.5            |             | 13.1 16.3*  | 8.4 12.1* | 6.2 9.1  |       | 5.4 7.7    | 8.4 |
| 0              |             | 12.8 16.3*  | 8.4 11.6* | 6.2 9.0* |       | 5.9 8.4*   | 7.9 |
| -1.5           | 13.2* 13.2* | 12.8 15.2*  | 8.5 10.1* |          |       | 7.0 8.3*   | 7.0 |
| -3.0           | 16.7* 16.7* | 13.0 13.1*  |           |          |       | 7.4* 7.4*  | 5.6 |
| -4.5           | 11.5* 11.5* | 9.3* 9.3*   |           |          |       |            |     |
| -6.0           |             |             |           |          |       |            |     |

Height  Can be slewed through 360°  In longitudinal position of undercarriage  Max. reach \* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

## Stick 3.20 m

| Under-carriage                            | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m    | 9.0 m    | Max. reach | m   |
|-------------------------------------------|-------------|-------------|-----------|----------|----------|------------|-----|
| Height                                    |             |             |           |          |          |            |     |
| Can be slewed through 360°                |             |             |           |          |          |            |     |
| In longitudinal position of undercarriage |             |             |           |          |          |            |     |
| NLC                                       |             |             |           |          |          |            |     |
| 9.0                                       |             |             |           |          |          | 6.9* 6.9*  | 5.8 |
| 7.5                                       |             |             |           |          |          | 5.4 6.3*   | 7.2 |
| 6.0                                       |             |             |           |          |          | 4.4 6.1*   | 8.2 |
| 4.5                                       |             |             |           |          |          | 3.9 6.2*   | 8.7 |
| 3.0                                       |             | 10.8 11.4*  | 7.3 8.4*  | 5.1 7.8* |          |            |     |
| 1.5                                       |             | 9.9 14.0*   | 6.5 10.5* | 4.7 7.8  | 3.6 5.9  | 3.6 5.9    | 9.0 |
| 0                                         | 6.5* 6.5*   | 8.8 16.3*   | 5.9 10.4  | 4.4 7.4  |          | 3.5 5.9    | 8.8 |
| -1.5                                      | 12.0* 12.0* | 8.7 15.7*   | 5.8 10.3  | 4.3 7.4  |          | 3.8 6.4    | 8.3 |
| -3.0                                      | 17.3 18.6*  | 8.8 14.0*   | 5.9 10.3  |          |          | 4.4 7.5    | 7.5 |
| -4.5                                      | 14.0* 14.0* | 9.1 10.9*   | 6.1 8.0*  |          |          | 5.9 7.6*   | 6.2 |
| -6.0                                      |             |             |           |          |          |            |     |
| LC                                        |             |             |           |          |          |            |     |
| 9.0                                       |             |             |           |          |          | 6.9* 6.9*  | 5.8 |
| 7.5                                       |             |             |           |          |          | 5.9 6.3*   | 7.2 |
| 6.0                                       |             |             |           |          |          | 4.8 6.1*   | 8.2 |
| 4.5                                       |             | 11.4* 11.4* | 7.6 9.3*  | 5.4 8.2  |          | 4.2 6.2*   | 8.7 |
| 3.0                                       |             | 11.0 14.0*  | 7.2 10.5* | 5.2 7.9  | 3.9 6.0  | 3.9 6.0    | 9.0 |
| 1.5                                       |             | 10.2 15.8*  | 6.8 10.8  | 5.0 7.7  | 3.8 5.9  | 3.8 5.8    | 9.0 |
| 0                                         | 6.5* 6.5*   | 9.8 16.3*   | 6.6 10.5  | 4.8 7.5  |          | 3.9 6.0    | 8.8 |
| -1.5                                      | 12.0* 12.0* | 9.8 15.7*   | 6.5 10.4  | 4.8 7.5  |          | 4.2 6.5    | 8.3 |
| -3.0                                      | 18.6* 18.6* | 9.9 14.0*   | 6.5 10.5  |          |          | 4.9 7.6    | 7.5 |
| -4.5                                      | 14.0* 14.0* | 10.2 10.9*  | 6.7 8.0*  |          |          | 6.5 7.6*   | 6.2 |
| -6.0                                      |             |             |           |          |          |            |     |
| LC-V                                      |             |             |           |          |          |            |     |
| 9.0                                       |             |             |           |          |          | 6.8* 6.8*  | 5.8 |
| 7.5                                       |             |             |           |          |          | 6.3* 6.3*  | 7.2 |
| 6.0                                       |             |             |           |          |          | 5.9 6.1*   | 8.2 |
| 4.5                                       | 17.0* 17.0* | 11.7* 11.7* | 8.4* 8.4* | 6.9 7.8* |          | 5.3 6.2*   | 8.7 |
| 3.0                                       |             | 13.9 14.2*  | 9.0 10.6* | 6.5 8.8* | 5.0 6.6* | 5.0 6.5*   | 9.0 |
| 1.5                                       |             | 13.1 15.9*  | 8.6 11.6* | 6.3 9.2  | 4.9 7.0  | 4.9 7.0*   | 9.0 |
| 0                                         | 7.0* 7.0*   | 12.8 16.3*  | 8.4 12.1* | 6.2 9.0  |          | 5.0 7.2    | 8.8 |
| -1.5                                      | 12.5* 12.5* | 12.7 15.5*  | 8.3 11.8* | 6.1 9.0  |          | 5.4 7.9    | 8.3 |
| -3.0                                      | 18.3* 18.3* | 12.9 13.8*  | 8.4 10.5* |          |          | 6.3 8.0*   | 7.5 |
| -4.5                                      | 13.5* 13.5* | 10.5* 10.5* | 7.6* 7.6* |          |          | 7.5* 7.5*  | 6.2 |
| -6.0                                      |             |             |           |          |          |            |     |

## Stick 3.70 m

| Under-carriage                            | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m    | 9.0 m   | Max. reach | m   |
|-------------------------------------------|-------------|-------------|-----------|----------|---------|------------|-----|
| Height                                    |             |             |           |          |         |            |     |
| Can be slewed through 360°                |             |             |           |          |         |            |     |
| In longitudinal position of undercarriage |             |             |           |          |         |            |     |
| NLC                                       |             |             |           |          |         |            |     |
| 9.0                                       |             |             |           |          |         | 5.7* 5.7*  | 6.5 |
| 7.5                                       |             |             |           |          |         | 4.9 5.3*   | 7.8 |
| 6.0                                       |             |             |           |          |         | 4.0 5.1*   | 8.6 |
| 4.5                                       |             |             |           |          |         | 3.6 5.2*   | 9.2 |
| 3.0                                       | 11.4* 11.4* | 10.1 13.1*  | 6.6 10.0* | 4.7 7.9  | 3.6 5.9 | 3.3 5.4*   | 9.4 |
| 1.5                                       |             | 9.3 15.3*   | 6.2 10.7  | 4.5 7.6  | 3.5 5.8 | 3.2 5.4    | 9.5 |
| 0                                         | 7.6* 7.6*   | 8.8 16.2*   | 5.9 10.4  | 4.3 7.4  | 3.4 5.7 | 3.2 5.5    | 9.2 |
| -1.5                                      | 11.6* 11.6* | 8.6 15.9*   | 5.8 10.2  | 4.3 7.3  |         | 3.5 5.9    | 8.8 |
| -3.0                                      | 17.0* 17.0* | 8.7 14.6*   | 5.7 10.2  | 4.3 7.3  |         | 3.9 6.7    | 8.0 |
| -4.5                                      | 16.1* 16.1* | 8.9 12.1*   | 5.9 9.1*  |          |         | 5.0 7.6*   | 6.8 |
| -6.0                                      |             | 7.1* 7.1*   |           |          |         | 6.5* 6.5*  | 4.9 |
| LC                                        |             |             |           |          |         |            |     |
| 9.0                                       |             |             |           |          |         | 5.7* 5.7*  | 6.5 |
| 7.5                                       |             |             |           |          |         | 5.3* 5.3*  | 7.8 |
| 6.0                                       |             |             |           |          |         | 4.4 5.1*   | 8.6 |
| 4.5                                       |             |             |           |          |         | 3.9 5.2*   | 9.2 |
| 3.0                                       | 11.4* 11.4* | 11.2 13.1*  | 7.3 10.0* | 5.2 8.0  | 3.9 6.0 | 3.6 5.4*   | 9.4 |
| 1.5                                       |             | 10.3 15.3*  | 6.8 10.9  | 5.0 7.7  | 3.8 5.8 | 3.5 5.4    | 9.5 |
| 0                                         | 7.6* 7.6*   | 9.9 16.2*   | 6.5 10.5  | 4.8 7.5  | 3.7 5.8 | 3.6 5.5    | 9.2 |
| -1.5                                      | 11.6* 11.6* | 9.7 15.9*   | 6.4 10.3  | 4.7 7.4  |         | 3.8 5.9    | 8.8 |
| -3.0                                      | 17.0* 17.0* | 9.7 14.6*   | 6.4 10.3  | 4.7 7.4  |         | 4.4 6.8    | 8.0 |
| -4.5                                      | 16.1* 16.1* | 10.0 12.1*  | 6.5 9.1*  |          |         | 5.6 7.6*   | 6.8 |
| -6.0                                      |             | 7.1* 7.1*   |           |          |         | 6.5* 6.5*  | 4.9 |
| LC-V                                      |             |             |           |          |         |            |     |
| 9.0                                       |             |             |           |          |         | 5.6* 5.6*  | 6.5 |
| 7.5                                       |             |             |           |          |         | 5.2* 5.2*  | 7.8 |
| 6.0                                       |             |             |           |          |         | 5.1* 5.1*  | 8.6 |
| 4.5                                       |             |             |           |          |         | 4.9 5.2*   | 9.2 |
| 3.0                                       | 9.7* 9.7*   | 13.3* 13.3* | 9.1 10.1* | 6.5 8.5* | 5.0 7.1 | 4.6 5.4*   | 9.4 |
| 1.5                                       | 5.3* 5.3*   | 13.3 15.4*  | 8.7 11.3* | 6.3 9.1* | 4.9 7.0 | 4.5 5.8*   | 9.5 |
| 0                                         | 7.9* 7.9*   | 12.8 16.2*  | 8.4 11.9* | 6.1 9.0  | 4.8 6.9 | 4.6 6.5*   | 9.2 |
| -1.5                                      | 12.0* 12.0* | 12.6 15.9*  | 8.2 11.9* | 6.0 8.9  |         | 5.0 7.2    | 8.8 |
| -3.0                                      | 17.6* 17.6* | 12.7 14.5*  | 8.2 11.0* | 6.1 8.4* |         | 5.7 7.7*   | 8.0 |
| -4.5                                      | 15.7* 15.7* | 11.8* 11.8* | 8.4 8.8*  |          |         | 7.3 7.5*   | 6.8 |
| -6.0                                      |             |             |           |          |         |            | 4.9 |

 Height 
  Can be slewed through 360° 
  In longitudinal position of undercarriage 
  Max. reach 
 \* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

# Lift capacities

with mono boom 6.20 m, counterweight 6.2 t and track pads 600 mm

## Stick 2.50 m

| Under-carriage                            | 3.0 m       | 4.5 m | 6.0 m | 7.5 m | 9.0 m | Max. reach | m    |
|-------------------------------------------|-------------|-------|-------|-------|-------|------------|------|
| Height                                    |             |       |       |       |       |            |      |
| Can be slewed through 360°                |             |       |       |       |       |            |      |
| In longitudinal position of undercarriage |             |       |       |       |       |            |      |
| NLC                                       |             |       |       |       |       |            |      |
| 9.0                                       |             |       |       |       |       | 7.2        | 8.3* |
| 7.5                                       |             |       |       |       |       | 5.6        | 8.1* |
| 6.0                                       |             |       |       |       |       | 4.9        | 7.8  |
| 4.5                                       |             | 11.6  | 12.8* | 7.6   | 10.2* | 5.5        | 8.8  |
| 3.0                                       |             | 10.7  | 15.3* | 7.2   | 11.2* | 5.3        | 8.6  |
| 1.5                                       |             | 10.1  | 16.5* | 6.9   | 11.7  | 5.1        | 8.4  |
| 0                                         |             | 10.0  | 16.2* | 6.7   | 11.5  | 5.0        | 8.3  |
| -1.5                                      | 13.0* 13.0* | 10.0  | 15.0* | 6.7   | 11.4  | 5.0        | 8.3  |
| -3.0                                      | 15.9* 15.9* | 10.2  | 12.8* | 6.8   | 9.9*  |            |      |
| -4.5                                      |             | 8.7*  | 8.7*  |       |       |            |      |
| -6.0                                      |             |       |       |       |       | 7.4*       | 7.4* |
| LC                                        |             |       |       |       |       |            |      |
| 9.0                                       |             |       | 8.8   | 9.0*  |       | 7.8        | 8.3* |
| 7.5                                       |             |       | 8.6   | 9.3*  |       | 6.1        | 8.1* |
| 6.0                                       |             |       |       |       |       | 5.3        | 7.9  |
| 4.5                                       |             | 12.7  | 12.8* | 8.3   | 10.2* | 6.0        | 8.8* |
| 3.0                                       |             | 11.8  | 15.3* | 7.9   | 11.2* | 5.8        | 8.6  |
| 1.5                                       |             | 11.2  | 16.5* | 7.6   | 11.8  | 5.6        | 8.5  |
| 0                                         |             | 11.1  | 16.2* | 7.4   | 11.6  | 5.5        | 8.3  |
| -1.5                                      | 13.0* 13.0* | 11.1  | 15.0* | 7.4   | 11.5  | 5.5        | 8.3  |
| -3.0                                      | 15.9* 15.9* | 11.3  | 12.8* | 7.5   | 9.9*  |            |      |
| -4.5                                      |             | 8.7*  | 8.7*  |       |       |            |      |
| -6.0                                      |             |       |       |       |       | 7.4*       | 7.4* |
| LC-V                                      |             |       |       |       |       |            |      |
| 9.0                                       |             |       | 9.0*  | 9.0*  |       | 8.3*       | 8.3* |
| 7.5                                       |             |       | 9.3*  | 9.3*  |       | 7.4        | 8.1* |
| 6.0                                       |             |       |       |       |       | 6.5        | 8.2* |
| 4.5                                       |             | 13.1* | 13.1* | 10.2  | 10.3* | 7.3        | 8.9* |
| 3.0                                       |             | 14.8  | 15.4* | 9.8   | 11.3* | 7.1        | 9.3* |
| 1.5                                       |             | 14.3  | 16.5* | 9.5   | 12.1* | 7.0        | 9.7* |
| 0                                         |             | 14.1  | 16.2* | 9.3   | 12.2* | 6.9        | 9.6* |
| -1.5                                      | 13.8* 13.8* | 14.2  | 14.9* | 9.3   | 11.5* | 6.9        | 8.8* |
| -3.0                                      | 15.5* 15.5* | 12.6* | 12.6* | 9.4   | 9.6*  |            |      |
| -4.5                                      |             | 8.2*  | 8.2*  |       |       |            |      |
| -6.0                                      |             |       |       |       |       | 7.2*       | 7.2* |

## Stick 2.80 m

| Under-carriage                            | 3.0 m       | 4.5 m | 6.0 m | 7.5 m | 9.0 m | Max. reach | m    |
|-------------------------------------------|-------------|-------|-------|-------|-------|------------|------|
| Height                                    |             |       |       |       |       |            |      |
| Can be slewed through 360°                |             |       |       |       |       |            |      |
| In longitudinal position of undercarriage |             |       |       |       |       |            |      |
| NLC                                       |             |       |       |       |       |            |      |
| 9.0                                       |             |       |       |       |       | 6.6        | 7.3* |
| 7.5                                       |             |       |       |       |       | 5.3        | 7.1* |
| 6.0                                       |             |       |       |       |       | 4.6        | 7.2* |
| 4.5                                       | 18.5* 18.5* | 11.7  | 12.2* | 7.6   | 9.8*  | 5.5        | 8.6* |
| 3.0                                       |             | 10.8  | 14.7* | 7.2   | 11.0* | 5.3        | 8.6  |
| 1.5                                       |             | 10.1  | 16.2* | 6.9   | 11.7  | 5.1        | 8.3  |
| 0                                         |             | 9.9   | 16.3* | 6.7   | 11.4  | 5.0        | 8.2  |
| -1.5                                      | 12.5* 12.5* | 9.9   | 15.3* | 6.6   | 11.3  | 4.9        | 8.2  |
| -3.0                                      | 17.1* 17.1* | 10.0  | 13.4* | 6.7   | 10.3* |            |      |
| -4.5                                      | 12.1* 12.1* | 9.7*  | 9.7*  |       |       |            |      |
| -6.0                                      |             |       |       |       |       | 7.6*       | 7.6* |
| LC                                        |             |       |       |       |       |            |      |
| 9.0                                       |             |       | 8.5*  | 8.5*  |       | 7.2        | 7.3* |
| 7.5                                       |             |       | 8.7   | 8.9*  |       | 5.8        | 7.1* |
| 6.0                                       |             |       |       |       |       | 5.0        | 7.2* |
| 4.5                                       | 18.5* 18.5* | 12.2* | 12.2* | 8.3   | 9.8*  | 6.0        | 8.6* |
| 3.0                                       |             | 11.9  | 14.7* | 7.9   | 11.0* | 5.8        | 8.6  |
| 1.5                                       |             | 11.3  | 16.2* | 7.6   | 11.8  | 5.6        | 8.4  |
| 0                                         |             | 11.0  | 16.3* | 7.3   | 11.5  | 5.5        | 8.3  |
| -1.5                                      | 12.5* 12.5* | 11.0  | 15.3* | 7.3   | 11.5  | 5.4        | 8.3  |
| -3.0                                      | 17.1* 17.1* | 11.1  | 13.4* | 7.4   | 10.3* |            |      |
| -4.5                                      | 12.1* 12.1* | 9.7*  | 9.7*  |       |       |            |      |
| -6.0                                      |             |       |       |       |       | 7.6*       | 7.6* |
| LC-V                                      |             |       |       |       |       |            |      |
| 9.0                                       |             |       | 8.5*  | 8.5*  |       | 8.0*       | 8.0* |
| 7.5                                       |             |       | 8.9*  | 8.9*  |       | 7.3*       | 7.3* |
| 6.0                                       |             |       |       |       |       | 7.0        | 7.1* |
| 4.5                                       |             | 12.5* | 12.5* | 9.9*  | 9.9*  | 7.3        | 8.6* |
| 3.0                                       |             | 14.9* | 14.9* | 9.8   | 11.0* | 7.1        | 9.1* |
| 1.5                                       |             | 14.3  | 16.3* | 9.4   | 11.9* | 6.9        | 9.5* |
| 0                                         |             | 14.1  | 16.3* | 9.2   | 12.1* | 6.8        | 9.6* |
| -1.5                                      | 13.2* 13.2* | 14.1  | 15.2* | 9.2   | 11.6* | 6.8        | 9.0* |
| -3.0                                      | 16.7* 16.7* | 13.1* | 13.1* | 9.3   | 10.1* |            |      |
| -4.5                                      | 11.5* 11.5* | 9.3*  | 9.3*  |       |       |            |      |
| -6.0                                      |             |       |       |       |       | 7.4*       | 7.4* |

Height Can be slewed through 360° In longitudinal position of undercarriage Max. reach \* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

### Stick 3.20 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m    | 9.0 m    | Max. reach | m   |
|----------------|-------------|-------------|-----------|----------|----------|------------|-----|
| 9.0            |             |             |           |          |          | 6.9*       | 5.8 |
| 7.5            |             |             |           |          |          | 6.3*       | 7.2 |
| 6.0            |             |             |           |          |          | 4.9        | 8.2 |
| 4.5            |             | 11.4* 11.4* | 8.0 8.4*  | 5.6 7.8* |          | 4.3        | 8.7 |
| 3.0            |             | 10.9 14.0*  | 7.3 10.5* | 5.3 8.6  | 4.0 6.5  | 4.0        | 9.0 |
| 1.5            |             | 10.2 15.8*  | 6.9 11.6* | 5.1 8.3  | 3.9 6.4  | 3.9        | 9.0 |
| 0              | 6.5* 6.5*   | 9.9 16.3*   | 6.6 11.4  | 4.9 8.2  |          | 4.0        | 8.8 |
| -1.5           | 12.0* 12.0* | 9.8 15.7*   | 6.5 11.3  | 4.9 8.1  |          | 4.3        | 8.3 |
| -3.0           | 18.6* 18.6* | 9.9 14.0*   | 6.6 10.7* |          |          | 5.0        | 7.5 |
| -4.5           | 14.0* 14.0* | 10.2 10.9*  | 6.8 8.0*  |          |          | 6.6        | 6.2 |
| -6.0           |             |             |           |          |          |            |     |
| 9.0            |             |             |           |          |          | 6.9*       | 5.8 |
| 7.5            |             |             |           |          |          | 6.3*       | 7.2 |
| 6.0            |             |             | 8.4* 8.4* | 6.1 7.8* |          | 5.3        | 8.2 |
| 4.5            |             | 11.4* 11.4* | 8.4 9.3*  | 6.0 8.2* |          | 4.7        | 8.7 |
| 3.0            |             | 12.1 14.0*  | 7.9 10.5* | 5.8 8.6  | 4.4 6.5* | 4.4        | 9.0 |
| 1.5            |             | 11.3 15.8*  | 7.6 11.6* | 5.6 8.4  | 4.3 6.4  | 4.3        | 9.0 |
| 0              | 6.5* 6.5*   | 11.0 16.3*  | 7.3 11.5  | 5.4 8.2  |          | 4.4        | 8.8 |
| -1.5           | 12.0* 12.0* | 10.9 15.7*  | 7.2 11.4  | 5.3 8.2  |          | 4.7        | 8.3 |
| -3.0           | 18.6* 18.6* | 11.0 14.0*  | 7.3 10.7* |          |          | 5.5        | 7.5 |
| -4.5           | 14.0* 14.0* | 10.9* 10.9* | 7.5 8.0*  |          |          | 7.2        | 6.2 |
| -6.0           |             |             |           |          |          |            |     |
| 9.0            |             |             |           |          |          | 6.8*       | 5.8 |
| 7.5            |             |             |           |          |          | 6.3*       | 7.2 |
| 6.0            |             |             | 8.4* 8.4* | 7.5 7.8* |          | 6.1*       | 8.2 |
| 4.5            | 17.0* 17.0* | 11.7* 11.7* | 9.4* 9.4* | 7.3 8.2* |          | 5.8        | 8.7 |
| 3.0            |             | 14.2* 14.2* | 9.8 10.6* | 7.1 8.8* | 5.5 6.6* | 5.4        | 9.0 |
| 1.5            |             | 14.3 15.9*  | 9.4 11.6* | 6.9 9.3* | 5.4 7.2* | 5.3        | 9.0 |
| 0              | 7.0* 7.0*   | 14.0 16.3*  | 9.2 12.1* | 6.8 9.5* |          | 5.5        | 8.8 |
| -1.5           | 12.5* 12.5* | 13.9 15.5*  | 9.1 11.8* | 6.7 9.2* |          | 6.0        | 8.3 |
| -3.0           | 18.3* 18.3* | 13.8* 13.8* | 9.2 10.5* |          |          | 7.0        | 7.5 |
| -4.5           | 13.5* 13.5* | 10.5* 10.5* | 7.6* 7.6* |          |          | 7.5*       | 6.2 |
| -6.0           |             |             |           |          |          |            |     |

### Stick 3.70 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m     | 9.0 m    | Max. reach | m   |
|----------------|-------------|-------------|-----------|-----------|----------|------------|-----|
| 9.0            |             |             |           |           |          | 5.7*       | 6.5 |
| 7.5            |             |             |           | 5.8 6.0*  |          | 5.3*       | 7.8 |
| 6.0            |             |             |           | 5.7 7.3*  |          | 4.5        | 8.6 |
| 4.5            |             |             | 7.8 8.7*  | 5.5 7.8*  | 4.1 5.9* | 4.0        | 9.2 |
| 3.0            | 11.4* 11.4* | 11.2 13.1*  | 7.3 10.0* | 5.3 8.4*  | 4.0 6.5  | 3.7        | 9.4 |
| 1.5            |             | 10.3 15.3*  | 6.9 11.2* | 5.1 8.3   | 3.9 6.3  | 3.6        | 9.5 |
| 0              | 7.6* 7.6*   | 9.9 16.2*   | 6.6 11.4  | 4.9 8.1   | 3.8 6.2  | 3.7        | 9.2 |
| -1.5           | 11.6* 11.6* | 9.7 15.9*   | 6.5 11.2  | 4.8 8.0   |          | 3.9        | 8.8 |
| -3.0           | 17.0* 17.0* | 9.7 14.6*   | 6.5 11.1* | 4.8 8.0   |          | 4.5        | 8.0 |
| -4.5           | 16.1* 16.1* | 10.0 12.1*  | 6.6 9.1*  |           |          | 5.7        | 6.8 |
| -6.0           |             | 7.1* 7.1*   |           |           |          | 6.5*       | 4.9 |
| 9.0            |             |             |           |           |          | 5.7*       | 6.5 |
| 7.5            |             |             |           | 6.0* 6.0* |          | 5.3*       | 7.8 |
| 6.0            |             |             |           | 6.2 7.3*  |          | 4.9        | 8.6 |
| 4.5            |             |             | 8.5 8.7*  | 6.0 7.8*  | 4.5 5.9* | 4.3        | 9.2 |
| 3.0            | 11.4* 11.4* | 12.3 13.1*  | 8.0 10.0* | 5.8 8.4*  | 4.4 6.5  | 4.1        | 9.4 |
| 1.5            |             | 11.4 15.3*  | 7.6 11.2* | 5.5 8.4   | 4.3 6.4  | 4.0        | 9.5 |
| 0              | 7.6* 7.6*   | 11.0 16.2*  | 7.3 11.5  | 5.4 8.2   | 4.2 6.3  | 4.0        | 9.2 |
| -1.5           | 11.6* 11.6* | 10.8 15.9*  | 7.1 11.3  | 5.3 8.1   |          | 4.3        | 8.8 |
| -3.0           | 17.0* 17.0* | 10.8 14.6*  | 7.1 11.1* | 5.3 8.1   |          | 4.9        | 8.0 |
| -4.5           | 16.1* 16.1* | 11.1 12.1*  | 7.3 9.1*  |           |          | 6.2        | 6.8 |
| -6.0           |             | 7.1* 7.1*   |           |           |          | 6.5*       | 4.9 |
| 9.0            |             |             |           |           |          | 5.6*       | 6.5 |
| 7.5            |             |             |           | 6.2* 6.2* |          | 5.2*       | 7.8 |
| 6.0            |             |             |           | 7.3* 7.3* |          | 5.1*       | 8.6 |
| 4.5            |             |             | 8.8* 8.8* | 7.4 7.8*  | 5.6 6.1* | 5.2*       | 9.2 |
| 3.0            | 9.7* 9.7*   | 13.3* 13.3* | 9.9 10.1* | 7.1 8.5*  | 5.5 7.4* | 5.1        | 9.4 |
| 1.5            | 5.3* 5.3*   | 14.5 15.4*  | 9.5 11.3* | 6.9 9.1*  | 5.3 7.6  | 5.0        | 9.5 |
| 0              | 7.9* 7.9*   | 14.0 16.2*  | 9.2 11.9* | 6.7 9.4*  | 5.2 7.5  | 5.1        | 9.2 |
| -1.5           | 12.0* 12.0* | 13.9 15.9*  | 9.0 11.9* | 6.6 9.3*  |          | 5.5        | 8.8 |
| -3.0           | 17.6* 17.6* | 13.9 14.5*  | 9.0 11.0* | 6.7 8.4*  |          | 6.3        | 8.0 |
| -4.5           | 15.7* 15.7* | 11.8* 11.8* | 8.8* 8.8* |           |          | 7.5*       | 6.8 |
| -6.0           |             |             |           |           |          |            | 4.9 |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach

\* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

# Lift capacities

with mono boom straight 6.50 m, counterweight 5.1 t and track pads 600 mm

## Stick 2.50 m

| Under-carriage |  | 3.0m                                                                              | 4.5m                                                                              |                                                                                   | 6.0m                                                                              |                                                                                   | 7.5m                                                                              |                                                                                   | 9.0m                                                                              |                                                                                   |  |                                                                                   |      |     |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-----|
|                |                                                                                   |  |  |  |  |  |  |  |  |  |  |  | m    |     |
| NLC            | 10.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 9.0                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 8.5                                                                               | 9.4* | 5.4 |
|                | 7.5                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 5.7                                                                               | 8.4* | 6.9 |
|                | 6.0                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7.3                                                                               | 9.7*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4.5                                                                               | 7.4  | 7.9 |
|                | 4.5                                                                               |                                                                                   |                                                                                   | 11.1                                                                              | 12.2*                                                                             | 6.7                                                                               | 10.9*                                                                             | 5.0                                                                               | 8.1                                                                               |                                                                                   |                                                                                   | 4.0                                                                               | 6.5  | 8.5 |
|                | 3.0                                                                               |                                                                                   |                                                                                   | 10.2                                                                              | 14.3*                                                                             | 6.3                                                                               | 10.8                                                                              | 4.8                                                                               | 7.9                                                                               |                                                                                   |                                                                                   | 3.7                                                                               | 6.1  | 8.8 |
|                | 1.5                                                                               |                                                                                   |                                                                                   | 9.3                                                                               | 15.2*                                                                             | 6.0                                                                               | 10.5                                                                              | 4.6                                                                               | 7.7                                                                               |                                                                                   |                                                                                   | 3.6                                                                               | 6.0  | 8.8 |
|                | 0                                                                                 |                                                                                   |                                                                                   | 8.8                                                                               | 9.4*                                                                              | 5.9                                                                               | 10.3                                                                              | 4.5                                                                               | 7.5                                                                               |                                                                                   |                                                                                   | 3.7                                                                               | 6.2  | 8.6 |
|                | -1.5                                                                              | 9.1*                                                                              | 9.1*                                                                              | 8.7                                                                               | 13.6*                                                                             | 5.8                                                                               | 10.3                                                                              | 4.4                                                                               | 7.4                                                                               |                                                                                   |                                                                                   | 4.0                                                                               | 6.8  | 8.0 |
| LC             | -3.0                                                                              | 11.0*                                                                             | 11.0*                                                                             | 8.8                                                                               | 13.3*                                                                             | 6.0                                                                               | 8.6*                                                                              | 4.4                                                                               | 7.4                                                                               |                                                                                   |                                                                                   | 4.8                                                                               | 6.5* | 7.2 |
|                | -4.5                                                                              |                                                                                   |                                                                                   | 9.0                                                                               | 10.6*                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 10.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 9.0                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 9.3                                                                               | 9.4* | 5.4 |
|                | 7.5                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7.9                                                                               | 9.7*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6.2                                                                               | 8.4* | 6.9 |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 12.2                                                                              | 12.2*                                                                             | 7.7                                                                               | 10.1*                                                                             | 5.4                                                                               | 8.2                                                                               |                                                                                   |                                                                                   | 5.0                                                                               | 7.5  | 7.9 |
|                | 4.5                                                                               |                                                                                   |                                                                                   | 11.3                                                                              | 14.3*                                                                             | 7.4                                                                               | 10.9*                                                                             | 5.3                                                                               | 8.0                                                                               |                                                                                   |                                                                                   | 4.4                                                                               | 6.6  | 8.5 |
|                | 3.0                                                                               |                                                                                   |                                                                                   | 10.3                                                                              | 15.2*                                                                             | 7.0                                                                               | 11.0                                                                              | 5.1                                                                               | 7.8                                                                               |                                                                                   |                                                                                   | 4.1                                                                               | 6.2  | 8.8 |
|                | 1.5                                                                               |                                                                                   |                                                                                   | 9.4*                                                                              | 9.4*                                                                              | 6.6                                                                               | 10.6                                                                              | 4.9                                                                               | 7.6                                                                               |                                                                                   |                                                                                   | 4.0                                                                               | 6.1  | 8.8 |
| LC-V           | 0                                                                                 |                                                                                   |                                                                                   | 9.8                                                                               | 13.6*                                                                             | 6.5                                                                               | 10.4                                                                              | 4.8                                                                               | 7.5                                                                               |                                                                                   |                                                                                   | 4.1                                                                               | 6.3  | 8.6 |
|                | -1.5                                                                              | 9.1*                                                                              | 9.1*                                                                              | 9.8                                                                               | 13.3*                                                                             | 6.5                                                                               | 10.4                                                                              | 4.8                                                                               | 7.5                                                                               |                                                                                   |                                                                                   | 4.4                                                                               | 6.9  | 8.0 |
|                | -3.0                                                                              | 11.0*                                                                             | 11.0*                                                                             | 10.0                                                                              | 10.6*                                                                             | 6.6                                                                               | 8.6*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 5.3                                                                               | 6.5* | 7.2 |
|                | -4.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 10.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 9.0                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 9.2*                                                                              | 9.2* | 5.4 |
|                | 7.5                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 9.7*                                                                              | 9.7*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7.5                                                                               | 8.4* | 6.9 |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 12.4*                                                                             | 12.4*                                                                             | 9.6                                                                               | 10.2*                                                                             | 6.8                                                                               | 8.9*                                                                              |                                                                                   |                                                                                   | 6.2                                                                               | 8.1* | 7.9 |
|                | 4.5                                                                               |                                                                                   |                                                                                   | 14.2                                                                              | 14.5*                                                                             | 9.2                                                                               | 11.0*                                                                             | 6.6                                                                               | 9.2*                                                                              |                                                                                   |                                                                                   | 5.5                                                                               | 7.8  | 8.5 |
| LC-V           | 3.0                                                                               |                                                                                   |                                                                                   | 13.2                                                                              | 13.7*                                                                             | 8.8                                                                               | 11.8*                                                                             | 6.4                                                                               | 9.3                                                                               |                                                                                   |                                                                                   | 5.1                                                                               | 7.4  | 8.8 |
|                | 1.5                                                                               |                                                                                   |                                                                                   | 9.5*                                                                              | 9.5*                                                                              | 8.5                                                                               | 12.2*                                                                             | 6.3                                                                               | 9.1                                                                               |                                                                                   |                                                                                   | 5.1                                                                               | 7.3  | 8.8 |
|                | 0                                                                                 |                                                                                   |                                                                                   | 12.7                                                                              | 14.2*                                                                             | 8.3                                                                               | 11.8*                                                                             | 6.2                                                                               | 9.0                                                                               |                                                                                   |                                                                                   | 5.2                                                                               | 7.6  | 8.6 |
|                | -1.5                                                                              | 10.0*                                                                             | 10.0*                                                                             | 12.8                                                                              | 13.1*                                                                             | 8.3                                                                               | 10.6*                                                                             | 6.2                                                                               | 8.2*                                                                              |                                                                                   |                                                                                   | 5.7                                                                               | 7.3* | 8.0 |
|                | -3.0                                                                              | 10.6*                                                                             | 10.6*                                                                             | 10.3*                                                                             | 10.3*                                                                             | 8.4*                                                                              | 8.4*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6.4*                                                                              | 6.4* | 7.2 |
|                | -4.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |

## Stick 2.80 m

| Under-carriage<br>m | 3.0m                                                                              |                                                                                   | 4.5m                                                                               |                                                                                     | 6.0m                                                                                |                                                                                     | 7.5m                                                                                |                                                                                     | 9.0m                                                                                |                                                                                     |  |      |     |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|
|                     |  |  |  |  |  |  |  |  |  |  |                                                                                     | m    |     |
| 10.5                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 7.5                                                                                 | 8.2* | 5.9 |
| 9.0                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.3                                                                                 | 7.4* | 7.3 |
| 7.5                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.3                                                                                 | 9.3*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.3                                                                                 | 7.4* | 7.3 |
| 6.0                 |                                                                                   |                                                                                   | 11.2*                                                                              | 11.2*                                                                               | 7.1                                                                                 | 9.8*                                                                                | 5.0                                                                                 | 8.1                                                                                 |                                                                                     |                                                                                     | 4.3                                                                                 | 7.0  | 8.2 |
| 4.5                 |                                                                                   |                                                                                   | 10.3                                                                               | 13.7*                                                                               | 6.7                                                                                 | 10.6*                                                                               | 4.8                                                                                 | 7.9                                                                                 |                                                                                     |                                                                                     | 3.8                                                                                 | 6.2  | 8.8 |
| 3.0                 |                                                                                   |                                                                                   | 9.4                                                                                | 15.7*                                                                               | 6.3                                                                                 | 10.9                                                                                | 4.6                                                                                 | 7.7                                                                                 | 3.5                                                                                 | 5.8                                                                                 | 3.5                                                                                 | 5.8  | 9.1 |
| 1.5                 |                                                                                   |                                                                                   | 8.8                                                                                | 11.9*                                                                               | 6.0                                                                                 | 10.5                                                                                | 4.4                                                                                 | 7.5                                                                                 | 3.4                                                                                 | 5.8                                                                                 | 3.4                                                                                 | 5.7  | 9.1 |
| 0                   |                                                                                   |                                                                                   | 8.7                                                                                | 14.3*                                                                               | 5.8                                                                                 | 10.3                                                                                | 4.3                                                                                 | 7.4                                                                                 |                                                                                     |                                                                                     | 3.5                                                                                 | 5.9  | 8.9 |
| -1.5                | 9.3*                                                                              | 9.3*                                                                              | 8.7                                                                                | 13.8*                                                                               | 5.8                                                                                 | 10.2                                                                                | 4.3                                                                                 | 7.4                                                                                 |                                                                                     |                                                                                     | 3.8                                                                                 | 6.4  | 8.3 |
| -3.0                | 12.5*                                                                             | 12.5*                                                                             | 8.9                                                                                | 11.2*                                                                               | 5.9                                                                                 | 9.1*                                                                                | 4.4                                                                                 | 6.5*                                                                                |                                                                                     |                                                                                     | 4.4                                                                                 | 6.5* | 7.5 |
| -4.5                |                                                                                   |                                                                                   | 7.3*                                                                               | 7.3*                                                                                | 5.4*                                                                                | 5.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 4.9*                                                                                | 4.9* | 6.2 |
| 10.5                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |     |
| 9.0                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 8.2*                                                                                | 8.2* | 5.9 |
| 7.5                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 8.0                                                                                 | 9.3*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.7                                                                                 | 7.4* | 7.3 |
| 6.0                 |                                                                                   |                                                                                   | 11.2*                                                                              | 11.2*                                                                               | 7.8                                                                                 | 9.8*                                                                                | 5.5                                                                                 | 8.2                                                                                 |                                                                                     |                                                                                     | 4.7                                                                                 | 7.1  | 8.2 |
| 4.5                 |                                                                                   |                                                                                   | 11.4                                                                               | 13.7*                                                                               | 7.4                                                                                 | 10.6*                                                                               | 5.3                                                                                 | 8.0                                                                                 |                                                                                     |                                                                                     | 4.1                                                                                 | 6.3  | 8.8 |
| 3.0                 |                                                                                   |                                                                                   | 10.4                                                                               | 15.7*                                                                               | 7.0                                                                                 | 11.0                                                                                | 5.1                                                                                 | 7.8                                                                                 | 3.9                                                                                 | 5.9                                                                                 | 3.8                                                                                 | 5.9  | 9.1 |
| 1.5                 |                                                                                   |                                                                                   | 9.8                                                                                | 11.9*                                                                               | 6.6                                                                                 | 10.6                                                                                | 4.9                                                                                 | 7.6                                                                                 | 3.8                                                                                 | 5.8                                                                                 | 3.8                                                                                 | 5.8  | 9.1 |
| 0                   |                                                                                   |                                                                                   | 9.7                                                                                | 14.3*                                                                               | 6.4                                                                                 | 10.4                                                                                | 4.8                                                                                 | 7.5                                                                                 |                                                                                     |                                                                                     | 3.9                                                                                 | 5.9  | 8.9 |
| -1.5                | 9.3*                                                                              | 9.3*                                                                              | 9.7                                                                                | 13.8*                                                                               | 6.4                                                                                 | 10.3                                                                                | 4.8                                                                                 | 7.4                                                                                 |                                                                                     |                                                                                     | 4.2                                                                                 | 6.4  | 8.3 |
| -3.0                | 12.5*                                                                             | 12.5*                                                                             | 9.9                                                                                | 11.2*                                                                               | 6.5                                                                                 | 9.1*                                                                                | 4.9                                                                                 | 6.5*                                                                                |                                                                                     |                                                                                     | 4.9                                                                                 | 6.5* | 7.5 |
| -4.5                |                                                                                   |                                                                                   | 7.3*                                                                               | 7.3*                                                                                | 5.4*                                                                                | 5.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 4.9*                                                                                | 4.9* | 6.2 |
| 10.5                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |     |
| 9.0                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 8.2*                                                                                | 8.2*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 8.0*                                                                                | 8.0* | 5.9 |
| 7.5                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 9.4*                                                                                | 9.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 7.0                                                                                 | 7.3* | 7.3 |
| 6.0                 |                                                                                   |                                                                                   | 11.6*                                                                              | 11.6*                                                                               | 9.6                                                                                 | 9.8*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.8                                                                                 | 7.1* | 8.2 |
| 4.5                 |                                                                                   |                                                                                   | 13.9*                                                                              | 13.9*                                                                               | 9.2                                                                                 | 10.7*                                                                               | 6.6                                                                                 | 9.0*                                                                                |                                                                                     |                                                                                     | 5.2                                                                                 | 7.1* | 8.8 |
| 3.0                 |                                                                                   |                                                                                   | 13.3                                                                               | 15.9*                                                                               | 8.8                                                                                 | 11.6*                                                                               | 6.4                                                                                 | 9.3                                                                                 | 4.9                                                                                 | 7.1                                                                                 | 4.9                                                                                 | 7.0  | 9.1 |
| 1.5                 |                                                                                   |                                                                                   | 11.9*                                                                              | 11.9*                                                                               | 8.5                                                                                 | 12.1*                                                                               | 6.2                                                                                 | 9.1                                                                                 | 4.9                                                                                 | 7.0                                                                                 | 4.8                                                                                 | 6.9  | 9.1 |
| 0                   |                                                                                   |                                                                                   | 12.6                                                                               | 14.8*                                                                               | 8.3                                                                                 | 11.8*                                                                               | 6.1                                                                                 | 9.0                                                                                 |                                                                                     |                                                                                     | 4.9                                                                                 | 7.2  | 8.9 |
| -1.5                | 9.9*                                                                              | 9.9*                                                                              | 12.7                                                                               | 13.6*                                                                               | 8.3                                                                                 | 10.8*                                                                               |                                                                                     | 8.5*                                                                                |                                                                                     |                                                                                     | 5.4                                                                                 | 7.1* | 8.3 |
| -3.0                | 12.2*                                                                             | 12.2*                                                                             | 11.0*                                                                              | 11.0*                                                                               | 8.4                                                                                 | 8.8*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 6.3                                                                                 | 6.4* | 7.5 |
| -4.5                |                                                                                   |                                                                                   | 6.8*                                                                               | 6.8*                                                                                | 4.9*                                                                                | 4.9*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 4.7*                                                                                | 4.7* | 6.2 |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach

\* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

## Stick 3.20 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m    | 9.0 m   | Max. reach | m    |
|----------------|-------------|-------------|-----------|----------|---------|------------|------|
| 10.5           |             |             |           |          |         | 6.5        | 6.9* |
| 9.0            |             |             |           |          |         | 4.8        | 6.3* |
| 7.5            |             |             |           |          |         | 3.9        | 6.1* |
| 6.0            |             |             |           |          |         | 3.5        | 5.8  |
| 4.5            |             |             |           |          |         | 3.3        | 5.4  |
| 3.0            |             |             |           |          |         | 3.2        | 5.3  |
| 1.5            |             |             |           |          |         | 3.2        | 5.5  |
| 0              |             |             |           |          |         | 3.5        | 5.9  |
| -1.5           | 9.1* 9.1*   | 8.6 14.4*   | 5.8 10.2  | 4.3 7.3  | 3.3 5.7 | 4.0        | 6.4* |
| -3.0           | 14.4* 14.4* | 8.7 12.1*   | 5.7 9.6*  | 4.3 7.3* |         | 5.1        | 5.2* |
| -4.5           |             | 8.5* 8.5*   | 6.0 6.6*  |          |         |            |      |
| 10.5           |             |             | 8.0* 8.0* |          |         | 6.9* 6.9*  | 6.4  |
| 9.0            |             |             | 8.1 8.6*  | 5.6 7.3* |         | 5.2 6.3*   | 7.8  |
| 7.5            |             |             | 7.9 9.3*  | 5.5 8.3  |         | 4.3 6.1*   | 8.6  |
| 6.0            |             |             | 7.5 10.2* | 5.3 8.1  | 4.0 6.0 | 3.8 5.8    | 9.2  |
| 4.5            |             | 11.6 13.0*  | 7.0 11.0  | 5.1 7.8  | 3.9 5.9 | 3.6 5.5    | 9.4  |
| 3.0            |             | 10.6 15.2*  | 6.6 10.6  | 4.9 7.6  | 3.8 5.8 | 3.5 5.4    | 9.5  |
| 1.5            |             | 9.9 14.9*   | 6.4 10.3  | 4.7 7.4  | 3.7 5.7 | 3.6 5.5    | 9.2  |
| 0              |             | 9.6 15.1*   | 6.3 10.3  | 4.7 7.4  |         | 3.8 6.0    | 8.8  |
| -1.5           | 9.1* 9.1*   | 9.6 14.4*   | 6.4 9.6*  | 4.7 7.3* |         | 4.4 6.4*   | 8.0  |
| -3.0           | 14.4* 14.4* | 9.7 12.1*   | 6.6 6.6*  |          |         | 5.2* 5.2*  | 6.8  |
| -4.5           |             | 8.5* 8.5*   |           |          |         |            |      |
| 10.5           |             |             | 8.2* 8.2* |          |         | 6.8* 6.8*  | 6.4  |
| 9.0            |             |             | 8.7* 8.7* | 6.9 7.5* |         | 6.3* 6.3*  | 7.8  |
| 7.5            |             |             | 9.4* 9.4* | 6.8 8.3* |         | 5.4 6.1*   | 8.6  |
| 6.0            |             | 9.2* 9.2*   | 9.3 10.3* | 6.6 8.7* | 5.0 7.2 | 4.8 6.1*   | 9.2  |
| 4.5            |             | 13.2* 13.2* | 8.8 11.3* | 6.4 9.2* | 4.9 7.1 | 4.6 6.3*   | 9.4  |
| 3.0            |             | 13.5 15.3*  | 8.5 11.9* | 6.2 9.1  | 4.8 7.0 | 4.5 6.5    | 9.5  |
| 1.5            |             | 12.8 14.6*  | 8.2 11.9* | 6.1 8.9  | 4.7 6.9 | 4.6 6.7    | 9.2  |
| 0              |             | 12.6 15.4*  | 8.2 11.1* | 6.0 8.7* |         | 5.0 6.9*   | 8.8  |
| -1.5           | 9.6* 9.6*   | 12.6 14.2*  | 8.2 9.4*  | 6.1 7.0* |         | 5.7 6.3*   | 8.0  |
| -3.0           | 14.0* 14.0* | 11.8* 11.8* | 6.2* 6.2* |          |         | 5.1* 5.1*  | 6.8  |
| -4.5           |             | 8.1* 8.1*   |           |          |         |            |      |

## Stick 3.70 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m     | 7.5 m     | 9.0 m     | Max. reach | m   |
|----------------|-------------|-------------|-----------|-----------|-----------|------------|-----|
| 10.5           |             |             |           |           |           | 6.7* 6.7*  | 5.2 |
| 9.0            |             |             |           |           |           | 5.6 5.7*   | 7.1 |
| 7.5            |             |             |           |           |           | 4.3 5.3*   | 8.3 |
| 6.0            |             |             |           |           |           | 3.6 5.1*   | 9.1 |
| 4.5            |             |             |           |           |           | 3.2 5.2*   | 9.6 |
| 3.0            |             |             |           |           |           | 3.0 5.0    | 9.9 |
| 1.5            |             |             |           |           |           | 2.9 4.9    | 9.9 |
| 0              |             |             |           |           |           | 3.0 5.0    | 9.7 |
| -1.5           | 4.9* 4.9*   | 8.6 16.0*   | 5.6 10.1  | 4.2 7.3   | 3.3 5.6   | 3.2 5.4    | 9.2 |
| -3.0           | 14.1* 14.1* | 8.5 13.0*   | 5.6 10.1  | 4.2 7.2   | 3.6 6.1   | 8.5        |     |
| -4.5           | 11.9* 11.9* | 8.8 9.9*    | 5.8 7.8*  |           | 4.4 5.5*  | 7.4        |     |
| 10.5           |             |             | 7.2* 7.2* |           |           | 6.7* 6.7*  | 5.2 |
| 9.0            |             |             | 7.3* 7.3* | 5.6 6.9*  |           | 5.7* 5.7*  | 7.1 |
| 7.5            |             |             | 7.3 7.8*  | 5.1 7.7*  |           | 4.7 5.3*   | 8.3 |
| 6.0            |             |             | 6.9 9.7*  | 4.9 8.0   | 3.7 5.6*  | 3.6 5.1*   | 9.1 |
| 4.5            | 17.3* 17.3* | 10.8 11.4*  | 9.7 14.4* | 6.4 10.8* | 3.6 6.0   | 3.2 5.2*   | 9.6 |
| 3.0            |             | 9.7 14.4*   | 6.0 10.5  | 4.4 7.5   | 3.4 5.7   | 2.9 4.9    | 9.9 |
| 1.5            |             | 8.9 15.9*   | 5.6 10.2  | 4.2 7.3   | 3.3 5.6   | 3.0 5.0    | 9.7 |
| 0              | 4.9* 4.9*   | 8.6 16.0*   | 5.6 10.1  | 4.2 7.2   | 3.3 5.6   | 3.2 5.4    | 9.2 |
| -1.5           | 9.0* 9.0*   | 8.5 15.0*   | 5.6 10.1  | 4.2 7.2   | 3.6 6.1   | 8.5        |     |
| -3.0           | 14.1* 14.1* | 8.5 13.0*   | 5.6 10.1  | 4.2 7.2   | 4.4 5.5*  | 7.4        |     |
| -4.5           | 11.9* 11.9* | 8.8 9.9*    | 5.8 7.8*  |           |           |            |     |
| 10.5           |             |             | 7.2* 7.2* |           |           | 6.7* 6.7*  | 5.2 |
| 9.0            |             |             | 7.3* 7.3* | 5.6 6.9*  |           | 5.7* 5.7*  | 7.1 |
| 7.5            |             |             | 7.8* 7.8* | 5.5 7.7*  | 4.0 5.6*  | 4.0 5.1*   | 9.1 |
| 6.0            | 17.3* 17.3* | 11.4* 11.4* | 7.6 9.7*  | 5.3 8.1   | 4.0 6.0   | 3.5 5.2*   | 9.6 |
| 4.5            |             | 10.8 14.4*  | 6.7 10.7  | 4.9 7.6   | 3.7 5.8   | 3.2 5.0    | 9.9 |
| 3.0            |             | 10.0 15.9*  | 6.4 10.3  | 4.7 7.4   | 3.6 5.7   | 3.3 5.1    | 9.7 |
| 1.5            |             | 9.6 16.0*   | 6.2 10.2  | 4.6 7.3   | 3.6 5.6   | 3.5 5.5    | 9.2 |
| 0              | 4.9* 4.9*   | 9.5 15.0*   | 6.3 10.2* | 4.6 7.3   | 4.0 6.2   | 8.5        |     |
| -1.5           | 9.0* 9.0*   | 9.6 13.0*   | 6.4 7.8*  |           | 4.9 5.5*  | 7.4        |     |
| -3.0           | 14.1* 14.1* | 9.8 9.9*    |           |           |           |            |     |
| -4.5           | 11.9* 11.9* |             |           |           |           |            |     |
| 10.5           |             |             | 7.3* 7.3* |           |           | 6.6* 6.6*  | 5.2 |
| 9.0            |             |             | 7.3* 7.3* | 7.0 7.0*  |           | 5.7* 5.7*  | 7.1 |
| 7.5            |             |             | 7.9* 7.9* | 6.9 7.8*  | 5.1 5.8*  | 5.3* 5.3*  | 8.3 |
| 6.0            |             |             | 9.4 9.8*  | 6.7 8.4*  | 4.9 7.1   | 4.9 5.1*   | 9.1 |
| 4.5            | 17.9* 17.9* | 12.3* 12.3* | 8.9 10.9* | 6.4 8.9*  | 5.0 7.2   | 4.5 5.2*   | 9.6 |
| 3.0            |             | 13.8 14.6*  | 8.5 11.7* | 6.2 9.1   | 4.8 6.9   | 4.2 5.7*   | 9.9 |
| 1.5            |             | 12.9 16.0*  | 8.2 11.9* | 6.0 8.9   | 4.7 6.8   | 4.3 6.2    | 9.7 |
| 0              | 5.3* 5.3*   | 12.5 16.0*  | 8.1 11.4* | 5.9 8.8   | 4.7 6.8   | 4.6 6.6*   | 9.2 |
| -1.5           | 9.4* 9.4*   | 12.4 14.9*  | 8.1 10.0* | 6.0 7.7*  | 5.2 6.2*  | 8.5        |     |
| -3.0           | 14.7* 14.7* | 12.5 12.8*  |           |           | 5.3* 5.3* | 7.4        |     |
| -4.5           | 11.4* 11.4* | 9.5* 9.5*   | 7.5* 7.5* |           |           |            |     |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach

\* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

# Lift capacities

with mono boom straight 6.50 m, counterweight 6.2 t and track pads 600 mm

## Stick 2.50 m

| Under-carriage |  | 3.0m                                                                                | 4.5m                                                                              | 6.0m                                                                              | 7.5m                                                                              | 9.0m                                                                              |  |                                                                                   |      |     |
|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-----|
|                |                                                                                   |  m |  |  |  |  |  |  | m    |     |
| NLC            | 10.5                                                                              |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 9.0                                                                               |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 9.3                                                                               | 9.4*                                                                              | 5.4  |     |
|                | 7.5                                                                               |                                                                                     |                                                                                   | 8.0                                                                               | 9.7*                                                                              |                                                                                   | 6.3                                                                               | 8.4*                                                                              | 6.9  |     |
|                | 6.0                                                                               |                                                                                     | 12.1                                                                              | 12.2*                                                                             | 7.8                                                                               | 10.1*                                                                             | 5.1                                                                               | 8.1*                                                                              | 7.9  |     |
|                | 4.5                                                                               |                                                                                     | 11.2                                                                              | 14.3*                                                                             | 7.4                                                                               | 10.9*                                                                             | 4.4                                                                               | 7.1                                                                               | 8.5  |     |
|                | 3.0                                                                               |                                                                                     | 10.3                                                                              | 15.2*                                                                             | 7.0                                                                               | 11.8*                                                                             | 4.1                                                                               | 6.7                                                                               | 8.8  |     |
|                | 1.5                                                                               |                                                                                     | 9.4*                                                                              | 9.4*                                                                              | 6.7                                                                               | 11.5                                                                              | 4.1                                                                               | 6.6                                                                               | 8.8  |     |
|                | 0                                                                                 |                                                                                     | 9.8                                                                               | 13.6*                                                                             | 6.6                                                                               | 11.3                                                                              | 4.2                                                                               | 6.8                                                                               | 8.6  |     |
|                | -1.5                                                                              | 9.1*                                                                                | 9.1*                                                                              | 9.9                                                                               | 13.3*                                                                             | 6.6                                                                               | 10.7*                                                                             | 4.5                                                                               | 7.4* | 8.0 |
|                | -3.0                                                                              | 11.0*                                                                               | 11.0*                                                                             | 10.1                                                                              | 10.6*                                                                             | 6.7                                                                               | 8.6*                                                                              | 5.4                                                                               | 6.5* | 7.2 |
| -4.5           |                                                                                   |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
| LC             | 10.5                                                                              |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 9.0                                                                               |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 9.4*                                                                              | 9.4*                                                                              | 5.4  |     |
|                | 7.5                                                                               |                                                                                     |                                                                                   | 8.7                                                                               | 9.7*                                                                              |                                                                                   | 6.8                                                                               | 8.4*                                                                              | 6.9  |     |
|                | 6.0                                                                               |                                                                                     | 12.2*                                                                             | 12.2*                                                                             | 8.5                                                                               | 10.1*                                                                             | 5.5                                                                               | 8.1*                                                                              | 7.9  |     |
|                | 4.5                                                                               |                                                                                     | 12.4                                                                              | 14.3*                                                                             | 8.1                                                                               | 10.9*                                                                             | 4.9                                                                               | 7.2                                                                               | 8.5  |     |
|                | 3.0                                                                               |                                                                                     | 11.4                                                                              | 15.2*                                                                             | 7.7                                                                               | 11.8*                                                                             | 4.5                                                                               | 6.8                                                                               | 8.8  |     |
|                | 1.5                                                                               |                                                                                     | 9.4*                                                                              | 9.4*                                                                              | 7.4                                                                               | 11.6                                                                              | 4.4                                                                               | 6.6                                                                               | 8.8  |     |
|                | 0                                                                                 |                                                                                     | 10.9                                                                              | 13.6*                                                                             | 7.2                                                                               | 11.4                                                                              | 4.6                                                                               | 6.9                                                                               | 8.6  |     |
|                | -1.5                                                                              | 9.1*                                                                                | 9.1*                                                                              | 11.0                                                                              | 13.3*                                                                             | 7.2                                                                               | 10.7*                                                                             | 5.0                                                                               | 7.4* | 8.0 |
|                | -3.0                                                                              | 11.0*                                                                               | 11.0*                                                                             | 10.6*                                                                             | 10.6*                                                                             | 7.4                                                                               | 8.6*                                                                              | 5.9                                                                               | 6.5* | 7.2 |
| -4.5           |                                                                                   |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
| LC-V           | 10.5                                                                              |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |
|                | 9.0                                                                               |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 9.2*                                                                              | 9.2*                                                                              | 5.4  |     |
|                | 7.5                                                                               |                                                                                     |                                                                                   | 9.7*                                                                              | 9.7*                                                                              |                                                                                   | 8.2                                                                               | 8.4*                                                                              | 6.9  |     |
|                | 6.0                                                                               |                                                                                     | 12.4*                                                                             | 12.4*                                                                             | 10.2*                                                                             | 10.2*                                                                             | 6.7                                                                               | 8.1*                                                                              | 7.9  |     |
|                | 4.5                                                                               |                                                                                     | 14.5*                                                                             | 14.5*                                                                             | 10.0                                                                              | 11.0*                                                                             | 6.0                                                                               | 8.1*                                                                              | 8.5  |     |
|                | 3.0                                                                               |                                                                                     | 13.7*                                                                             | 13.7*                                                                             | 9.6                                                                               | 11.8*                                                                             | 5.6                                                                               | 8.0                                                                               | 8.8  |     |
|                | 1.5                                                                               |                                                                                     | 9.5*                                                                              | 9.5*                                                                              | 9.3                                                                               | 12.2*                                                                             | 5.5                                                                               | 7.9                                                                               | 8.8  |     |
|                | 0                                                                                 |                                                                                     | 13.9                                                                              | 14.2*                                                                             | 9.1                                                                               | 11.8*                                                                             | 5.7                                                                               | 7.7*                                                                              | 8.6  |     |
|                | -1.5                                                                              | 10.0*                                                                               | 10.0*                                                                             | 13.1*                                                                             | 13.1*                                                                             | 9.1                                                                               | 10.6*                                                                             | 6.3                                                                               | 7.3* | 8.0 |
|                | -3.0                                                                              | 10.6*                                                                               | 10.6*                                                                             | 10.3*                                                                             | 10.3*                                                                             | 8.4*                                                                              | 8.4*                                                                              | 6.4*                                                                              | 6.4* | 7.2 |
| -4.5           |                                                                                   |                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |     |

## Stick 2.80 m

| Under-<br>carriage | 3.0m                                                                              |                                                                                   | 4.5m                                                                               |                                                                                     | 6.0m                                                                                |                                                                                     | 7.5m                                                                                |                                                                                     | 9.0m                                                                                |                                                                                     |  |      | m    |     |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|-----|
|                    |  |  |  |  |  |  |  |  |  |  |  |      |      |     |
|                    | 10.5                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |      |     |
| NLC                | 9.0                                                                               |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 8.2* | 8.2* | 5.9 |
|                    | 7.5                                                                               |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 8.0                                                                                 | 9.3*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.8  | 7.4* | 7.3 |
|                    | 6.0                                                                               |                                                                                   |                                                                                    | 11.2*                                                                               | 11.2*                                                                               | 7.8                                                                                 | 9.8*                                                                                | 5.5                                                                                 | 8.7*                                                                                |                                                                                     |                                                                                     | 4.8  | 7.1* | 8.2 |
|                    | 4.5                                                                               |                                                                                   |                                                                                    | 11.4                                                                                | 13.7*                                                                               | 7.5                                                                                 | 10.6*                                                                               | 5.4                                                                                 | 8.7                                                                                 |                                                                                     |                                                                                     | 4.2  | 6.8  | 8.8 |
|                    | 3.0                                                                               |                                                                                   |                                                                                    | 10.4                                                                                | 15.7*                                                                               | 7.0                                                                                 | 11.6*                                                                               | 5.2                                                                                 | 8.4                                                                                 | 4.0                                                                                 | 6.4                                                                                 | 3.9  | 6.4  | 9.1 |
|                    | 1.5                                                                               |                                                                                   |                                                                                    | 9.9                                                                                 | 11.9*                                                                               | 6.7                                                                                 | 11.5                                                                                | 5.0                                                                                 | 8.2                                                                                 | 3.9                                                                                 | 6.3                                                                                 | 3.8  | 6.3  | 9.1 |
|                    | 0                                                                                 |                                                                                   |                                                                                    | 9.7                                                                                 | 14.3*                                                                               | 6.5                                                                                 | 11.3                                                                                | 4.9                                                                                 | 8.1                                                                                 |                                                                                     |                                                                                     | 3.9  | 6.4  | 8.9 |
|                    | -1.5                                                                              | 9.3*                                                                              | 9.3*                                                                               | 9.7                                                                                 | 13.8*                                                                               | 6.5                                                                                 | 10.9*                                                                               | 4.8                                                                                 | 8.1                                                                                 |                                                                                     |                                                                                     | 4.3  | 7.0  | 8.3 |
|                    | -3.0                                                                              | 12.5*                                                                             | 12.5*                                                                              | 9.9                                                                                 | 11.2*                                                                               | 6.6                                                                                 | 9.1*                                                                                | 5.0                                                                                 | 6.5*                                                                                |                                                                                     |                                                                                     | 5.0  | 6.5* | 7.5 |
|                    | -4.5                                                                              |                                                                                   |                                                                                    | 7.3*                                                                                | 7.3*                                                                                | 5.4*                                                                                | 5.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 4.9* | 4.9* | 6.2 |
| LC                 | 10.5                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 8.2* | 8.2* | 5.9 |
|                    | 9.0                                                                               |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 6.3  | 7.4* | 7.3 |
|                    | 7.5                                                                               |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 8.8                                                                                 | 9.3*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.2  | 7.1* | 8.2 |
|                    | 6.0                                                                               |                                                                                   |                                                                                    | 11.2*                                                                               | 11.2*                                                                               | 8.5                                                                                 | 9.8*                                                                                | 6.0                                                                                 | 8.7*                                                                                |                                                                                     |                                                                                     | 4.6  | 6.8  | 8.8 |
|                    | 4.5                                                                               |                                                                                   |                                                                                    | 12.5                                                                                | 13.7*                                                                               | 8.2                                                                                 | 10.6*                                                                               | 5.9                                                                                 | 8.8                                                                                 |                                                                                     |                                                                                     | 4.3  | 6.4  | 9.1 |
|                    | 3.0                                                                               |                                                                                   |                                                                                    | 11.5                                                                                | 15.7*                                                                               | 7.7                                                                                 | 11.6*                                                                               | 5.6                                                                                 | 8.5                                                                                 | 4.3                                                                                 | 6.5                                                                                 | 4.2  | 6.3  | 9.1 |
|                    | 1.5                                                                               |                                                                                   |                                                                                    | 11.0                                                                                | 11.9*                                                                               | 7.4                                                                                 | 11.6                                                                                | 5.5                                                                                 | 8.3                                                                                 | 4.3                                                                                 | 6.4                                                                                 | 4.3  | 6.5  | 8.9 |
|                    | 0                                                                                 |                                                                                   |                                                                                    | 10.8                                                                                | 14.3*                                                                               | 7.2                                                                                 | 11.4                                                                                | 5.3                                                                                 | 8.2                                                                                 |                                                                                     |                                                                                     | 4.7  | 7.1  | 8.3 |
|                    | -1.5                                                                              | 9.3*                                                                              | 9.3*                                                                               | 10.8                                                                                | 13.8*                                                                               | 7.2                                                                                 | 10.9*                                                                               | 5.3                                                                                 | 8.2                                                                                 |                                                                                     |                                                                                     | 5.4  | 6.5* | 7.5 |
|                    | -3.0                                                                              | 12.5*                                                                             | 12.5*                                                                              | 11.0                                                                                | 11.2*                                                                               | 7.3                                                                                 | 9.1*                                                                                | 5.5                                                                                 | 6.5*                                                                                |                                                                                     |                                                                                     | 4.9* | 4.9* | 6.2 |
| -4.5               |                                                                                   |                                                                                   | 7.3*                                                                               | 7.3*                                                                                | 5.4*                                                                                | 5.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |      |     |
| LC-V               | 10.5                                                                              |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |      |     |
|                    | 9.0                                                                               |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 8.2*                                                                                | 8.2*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 8.0* | 8.0* | 5.9 |
|                    | 7.5                                                                               |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 9.4*                                                                                | 9.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 7.3* | 7.3* | 7.3 |
|                    | 6.0                                                                               |                                                                                   |                                                                                    | 11.6*                                                                               | 11.6*                                                                               | 9.8*                                                                                | 9.8*                                                                                | 7.4                                                                                 | 8.7*                                                                                |                                                                                     |                                                                                     | 6.3  | 7.1* | 8.2 |
|                    | 4.5                                                                               |                                                                                   |                                                                                    | 13.9*                                                                               | 13.9*                                                                               | 10.0                                                                                | 10.7*                                                                               | 7.2                                                                                 | 9.0*                                                                                |                                                                                     |                                                                                     | 5.7  | 7.1* | 8.8 |
|                    | 3.0                                                                               |                                                                                   |                                                                                    | 14.5                                                                                | 15.9*                                                                               | 9.6                                                                                 | 11.6*                                                                               | 7.0                                                                                 | 9.4*                                                                                | 5.4                                                                                 | 7.7                                                                                 | 5.4  | 7.4* | 9.1 |
|                    | 1.5                                                                               |                                                                                   |                                                                                    | 11.9*                                                                               | 11.9*                                                                               | 9.3                                                                                 | 12.1*                                                                               | 6.8                                                                                 | 9.6*                                                                                | 5.3                                                                                 | 7.6                                                                                 | 5.3  | 7.5  | 9.1 |
|                    | 0                                                                                 |                                                                                   |                                                                                    | 13.9                                                                                | 14.8*                                                                               | 9.1                                                                                 | 11.8*                                                                               | 6.7                                                                                 | 9.3*                                                                                |                                                                                     |                                                                                     | 5.4  | 7.5* | 8.9 |
|                    | -1.5                                                                              | 9.9*                                                                              | 9.9*                                                                               | 13.6*                                                                               | 13.6*                                                                               | 9.1                                                                                 | 10.8*                                                                               | 6.7                                                                                 | 8.5*                                                                                |                                                                                     |                                                                                     | 5.9  | 7.1* | 8.3 |
|                    | -3.0                                                                              | 12.2*                                                                             | 12.2*                                                                              | 11.0*                                                                               | 11.0*                                                                               | 8.8*                                                                                | 8.8*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 6.4* | 6.4* | 7.5 |
| -4.5               |                                                                                   |                                                                                   | 6.8*                                                                               | 6.8*                                                                                | 4.9*                                                                                | 4.9*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 4.7*                                                                                | 4.7* | 6.2  |     |

Height Can be slewed through 360° In longitudinal position of undercarriage Max. reach \* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

## Stick 3.20 m

| Under-carriage | 3.0 m | 4.5 m | 6.0 m | 7.5 m | 9.0 m | Max. reach | m     |
|----------------|-------|-------|-------|-------|-------|------------|-------|
| 10.5           |       |       |       |       |       | 6.9*       | 6.9*  |
| 9.0            |       |       | 8.0*  | 8.0*  |       | 5.3        | 6.3*  |
| 7.5            |       |       | 8.1   | 8.6*  | 5.6   | 7.3*       | 7.8   |
| 6.0            |       |       | 7.9   | 9.3*  | 5.6   | 8.3*       | 8.6   |
| 4.5            |       | 11.6  | 13.0* | 7.5   | 10.2* | 5.4        | 8.7   |
| 3.0            |       | 10.6  | 15.2* | 7.1   | 11.2* | 5.2        | 8.4   |
| 1.5            |       | 9.9   | 14.9* | 6.7   | 11.5  | 5.0        | 8.2   |
| 0              |       | 9.6   | 15.1* | 6.5   | 11.2  | 4.8        | 8.0   |
| -1.5           | 9.1*  | 9.1*  | 9.6   | 14.4* | 6.4   | 11.1       | 4.8   |
| -3.0           | 14.4* | 14.4* | 9.8   | 12.1* | 6.5   | 9.6*       | 4.8   |
| -4.5           |       | 8.5*  | 8.5*  | 6.6*  | 6.6*  |            | 5.2*  |
| 10.5           |       |       | 8.0*  | 8.0*  |       | 6.9*       | 6.9*  |
| 9.0            |       |       | 8.6*  | 8.6*  | 6.1   | 7.3*       | 7.8   |
| 7.5            |       |       | 8.6   | 9.3*  | 6.1   | 8.3*       | 8.6   |
| 6.0            |       | 12.7  | 13.0* | 8.2   | 10.2* | 5.9        | 8.7*  |
| 4.5            |       | 11.7  | 15.2* | 7.8   | 11.2* | 5.6        | 8.5   |
| 3.0            |       | 11.0  | 14.9* | 7.4   | 11.6  | 5.4        | 8.3   |
| 1.5            |       | 10.7  | 15.1* | 7.1   | 11.3  | 5.3        | 8.1   |
| 0              |       | 10.7  | 14.4* | 7.1   | 11.2* | 5.2        | 8.1   |
| -1.5           | 9.1*  | 9.1*  | 10.9  | 12.1* | 7.1   | 9.6*       | 5.3   |
| -3.0           | 14.4* | 14.4* | 8.5*  | 8.5*  | 6.6*  | 6.6*       | 5.2*  |
| -4.5           |       |       |       |       |       |            | 6.8   |
| 10.5           |       |       | 8.2*  | 8.2*  |       | 6.8*       | 6.8*  |
| 9.0            |       |       | 8.7*  | 8.7*  | 7.5   | 7.5*       | 7.8   |
| 7.5            |       |       | 9.2*  | 9.2*  | 7.4   | 8.3*       | 8.6   |
| 6.0            |       | 13.2* | 13.2* | 10.1  | 10.3* | 7.2        | 8.7*  |
| 4.5            |       | 14.7  | 15.3* | 9.6   | 11.3* | 7.0        | 9.2*  |
| 3.0            |       | 14.0  | 14.6* | 9.3   | 11.9* | 6.8        | 9.5*  |
| 1.5            |       | 13.8  | 15.4* | 9.0   | 11.9* | 6.7        | 9.4*  |
| 0              |       | 9.6*  | 9.6*  | 13.8  | 14.2* | 9.0        | 11.1* |
| -1.5           | 9.6*  | 9.6*  | 11.8* | 11.8* | 9.0   | 9.4*       | 6.7   |
| -3.0           | 14.0* | 14.0* | 8.1*  | 8.1*  | 6.2*  | 6.2*       | 5.1*  |
| -4.5           |       |       |       |       |       |            | 6.8   |

## Stick 3.70 m

| Under-carriage | 3.0 m | 4.5 m | 6.0 m | 7.5 m | 9.0 m | Max. reach | m     |
|----------------|-------|-------|-------|-------|-------|------------|-------|
| 10.5           |       |       |       |       |       | 6.7*       | 6.7*  |
| 9.0            |       |       | 7.2*  | 7.2*  |       | 5.7*       | 5.7*  |
| 7.5            |       |       | 7.3*  | 7.3*  | 5.7   | 6.9*       | 8.3   |
| 6.0            |       |       | 7.8*  | 7.8*  | 5.6   | 7.7*       | 9.1   |
| 4.5            | 17.3* | 17.3* | 11.4* | 11.4* | 7.6   | 9.7*       | 9.6   |
| 3.0            |       | 10.8  | 14.4* | 7.1   | 10.8* | 5.2        | 8.5   |
| 1.5            |       | 10.0  | 15.9* | 6.7   | 11.5  | 4.9        | 8.2   |
| 0              | 4.9*  | 4.9*  | 9.6   | 16.0* | 6.5   | 11.2       | 4.8   |
| -1.5           | 9.0*  | 9.0*  | 9.5   | 15.0* | 6.3   | 11.1       | 4.7   |
| -3.0           | 14.1* | 14.1* | 9.6   | 13.0* | 6.3   | 10.2*      | 4.7   |
| -4.5           | 11.9* | 11.9* | 9.8   | 9.9*  | 6.5   | 7.8*       | 5.0   |
| 10.5           |       |       | 7.2*  | 7.2*  |       | 6.7*       | 6.7*  |
| 9.0            |       |       | 7.3*  | 7.3*  | 6.2   | 6.9*       | 7.1   |
| 7.5            |       |       | 7.8*  | 7.8*  | 6.1   | 7.7*       | 8.3   |
| 6.0            | 17.3* | 17.3* | 11.4* | 11.4* | 8.3   | 9.7*       | 9.6   |
| 4.5            |       | 11.9  | 14.4* | 7.8   | 10.8* | 5.7        | 8.6   |
| 3.0            |       | 11.1  | 15.9* | 7.4   | 11.6  | 5.4        | 8.3   |
| 1.5            |       | 10.7  | 16.0* | 7.1   | 11.3  | 5.3        | 8.1   |
| 0              | 4.9*  | 4.9*  | 10.6  | 15.0* | 7.0   | 11.2       | 5.2   |
| -1.5           | 9.0*  | 9.0*  | 10.7  | 13.0* | 7.0   | 10.2*      | 5.2   |
| -3.0           | 14.1* | 14.1* | 9.9*  | 9.9*  | 7.2   | 7.8*       | 5.5*  |
| -4.5           | 11.9* | 11.9* |       |       |       |            | 6.6*  |
| 10.5           |       |       | 7.3*  | 7.3*  |       | 5.7*       | 5.7*  |
| 9.0            |       |       | 7.3*  | 7.3*  | 7.0*  | 7.0*       | 8.3   |
| 7.5            |       |       | 7.9*  | 7.9*  | 7.5   | 7.8*       | 9.1   |
| 6.0            | 17.9* | 17.9* | 12.3* | 12.3* | 9.8*  | 9.8*       | 9.6   |
| 4.5            |       | 14.6* | 14.6* | 9.7   | 10.9* | 7.0        | 8.9*  |
| 3.0            |       | 14.1  | 16.0* | 9.3   | 11.7* | 6.8        | 9.3*  |
| 1.5            |       | 5.3*  | 5.3*  | 13.7  | 16.0* | 9.0        | 11.9* |
| 0              | 5.3*  | 5.3*  | 13.7  | 14.9* | 8.9   | 11.4*      | 6.5   |
| -1.5           | 9.4*  | 9.4*  | 12.8* | 12.8* | 8.9   | 10.0*      | 6.6   |
| -3.0           | 14.7* | 14.7* |       |       |       |            | 5.7   |
| -4.5           | 11.4* | 11.4* | 9.5*  | 9.5*  | 7.5*  | 7.5*       | 5.3*  |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach

\* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

**with two-piece boom 6.40 m, counterweight 5.1 t and track pads 600 mm**

[illegible][illegible]

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

## Stick 3.20 m

| Under-carriage |  | 3.0m                                                                              |                                                                                   | 4.5m                                                                              |                                                                                   | 6.0m                                                                              |                                                                                   | 7.5m                                                                              |                                                                                   | 9.0m                                                                              |                                                                                   |  |                                                                                   | m    |     |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-----|
|                |                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |      |     |
|                | 10.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 8.8*                                                                              | 8.8*                                                                              | 4.0  |     |
|                | 9.0                                                                               |                                                                                   |                                                                                   | 8.8*                                                                              | 8.8*                                                                              | 7.4                                                                               | 7.7*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6.9                                                                               | 7.0*                                                                              | 6.3  |     |
|                | 7.5                                                                               |                                                                                   |                                                                                   | 8.3*                                                                              | 8.3*                                                                              | 7.7                                                                               | 8.6*                                                                              | 5.1                                                                               | 6.8*                                                                              |                                                                                   |                                                                                   | 4.9                                                                               | 6.3*                                                                              | 7.6  |     |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 9.4*                                                                              | 9.4*                                                                              | 7.6                                                                               | 9.5*                                                                              | 5.2                                                                               | 8.3                                                                               |                                                                                   |                                                                                   | 4.0                                                                               | 6.1*                                                                              | 8.5  |     |
| NLC            | 4.5                                                                               | 20.9                                                                              | 21.4*                                                                             | 11.3                                                                              | 14.3*                                                                             | 7.7                                                                               | 11.1*                                                                             | 5.2                                                                               | 8.3                                                                               | 3.6                                                                               | 6.0                                                                               | 3.5                                                                               | 5.9                                                                               | 9.0  |     |
|                | 3.0                                                                               | 20.0                                                                              | 20.7*                                                                             | 11.1*                                                                             | 15.9*                                                                             | 7.2                                                                               | 11.2                                                                              | 5.0                                                                               | 8.2                                                                               | 3.5                                                                               | 5.9                                                                               | 3.3                                                                               | 5.6                                                                               | 9.3  |     |
|                | 1.5                                                                               | 18.7                                                                              | 19.7*                                                                             | 10.1                                                                              | 16.2*                                                                             | 6.7                                                                               | 11.1                                                                              | 4.8                                                                               | 8.0                                                                               | 3.4                                                                               | 5.8                                                                               | 3.2                                                                               | 5.5                                                                               | 9.3  |     |
|                | 0                                                                                 | 17.6                                                                              | 19.3*                                                                             | 9.4                                                                               | 16.1*                                                                             | 6.3                                                                               | 10.9                                                                              | 4.5                                                                               | 7.7                                                                               | 3.3                                                                               | 5.7                                                                               | 3.3                                                                               | 5.6                                                                               | 9.1  |     |
|                | -1.5                                                                              | 17.2                                                                              | 24.0*                                                                             | 9.0                                                                               | 16.3*                                                                             | 6.0                                                                               | 10.7                                                                              | 4.3                                                                               | 7.5                                                                               |                                                                                   |                                                                                   | 3.5                                                                               | 5.8*                                                                              | 8.6  |     |
|                | -3.0                                                                              | 17.3                                                                              | 23.0*                                                                             | 9.0                                                                               | 15.6*                                                                             | 5.9                                                                               | 10.5                                                                              | 4.3                                                                               | 6.4*                                                                              |                                                                                   |                                                                                   | 4.1                                                                               | 4.7*                                                                              | 7.8  |     |
|                | -4.5                                                                              | 17.8                                                                              | 18.7*                                                                             | 9.1                                                                               | 11.7*                                                                             | 5.9*                                                                              | 5.9*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4.1*                                                                              | 4.1*                                                                              | 6.3  |     |
|                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 8.8*                                                                              | 8.8* | 4.0 |
|                |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                   | 8.8*                                                                              | 8.8*                                                                              | 7.7*                                                                              | 7.7*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7.0*                                                                              | 7.0* | 6.3 |
|                | 7.5                                                                               |                                                                                   |                                                                                   | 8.3*                                                                              | 8.3*                                                                              | 8.3                                                                               | 8.6*                                                                              | 5.6                                                                               | 6.8*                                                                              |                                                                                   |                                                                                   | 5.4                                                                               | 6.3*                                                                              | 7.6  |     |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 9.4*                                                                              | 9.4*                                                                              | 8.3                                                                               | 9.5*                                                                              | 5.7                                                                               | 8.4                                                                               |                                                                                   |                                                                                   | 4.4                                                                               | 6.1*                                                                              | 8.5  |     |
| LC             | 4.5                                                                               | 21.4*                                                                             | 21.4*                                                                             | 12.3                                                                              | 14.3*                                                                             | 8.2                                                                               | 11.1*                                                                             | 5.7                                                                               | 8.4                                                                               | 3.9                                                                               | 6.0                                                                               | 3.9                                                                               | 6.0                                                                               | 9.0  |     |
|                | 3.0                                                                               | 20.7*                                                                             | 20.7*                                                                             | 11.9                                                                              | 15.9*                                                                             | 7.8                                                                               | 11.3                                                                              | 5.5                                                                               | 8.3                                                                               | 3.9                                                                               | 6.0                                                                               | 3.6                                                                               | 5.6                                                                               | 9.3  |     |
|                | 1.5                                                                               | 19.7*                                                                             | 19.7*                                                                             | 11.2                                                                              | 16.2*                                                                             | 7.3                                                                               | 11.2                                                                              | 5.3                                                                               | 8.1                                                                               | 3.8                                                                               | 5.9                                                                               | 3.5                                                                               | 5.5                                                                               | 9.3  |     |
|                | 0                                                                                 | 19.3*                                                                             | 19.3*                                                                             | 10.5                                                                              | 16.1*                                                                             | 6.9                                                                               | 11.1                                                                              | 5.0                                                                               | 7.8                                                                               | 3.7                                                                               | 5.8                                                                               | 3.6                                                                               | 5.7                                                                               | 9.1  |     |
|                | -1.5                                                                              | 19.8                                                                              | 24.0*                                                                             | 10.1                                                                              | 16.3*                                                                             | 6.7                                                                               | 10.8                                                                              | 4.8                                                                               | 7.5                                                                               |                                                                                   |                                                                                   | 3.9                                                                               | 5.8*                                                                              | 8.6  |     |
|                | -3.0                                                                              | 19.9                                                                              | 23.0*                                                                             | 10.0                                                                              | 15.6*                                                                             | 6.6                                                                               | 10.6                                                                              | 4.7                                                                               | 6.4*                                                                              |                                                                                   |                                                                                   | 4.5                                                                               | 4.7*                                                                              | 7.8  |     |
|                | -4.5                                                                              | 18.7*                                                                             | 18.7*                                                                             | 10.1                                                                              | 11.7*                                                                             | 5.9*                                                                              | 5.9*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4.1*                                                                              | 4.1*                                                                              | 6.3  |     |
|                |                                                                                   | 10.5                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 8.5*                                                                              | 8.5* | 4.0 |
|                |                                                                                   | 9.0                                                                               |                                                                                   |                                                                                   | 8.7*                                                                              | 8.7*                                                                              | 8.0*                                                                              | 8.0*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6.9*                                                                              | 6.9* | 6.3 |
|                | 7.5                                                                               |                                                                                   |                                                                                   | 8.3*                                                                              | 8.3*                                                                              | 8.7*                                                                              | 8.7*                                                                              | 6.9                                                                               | 7.1*                                                                              |                                                                                   |                                                                                   | 6.3*                                                                              | 6.3*                                                                              | 7.6  |     |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 9.7*                                                                              | 9.7*                                                                              | 9.7*                                                                              | 9.7*                                                                              | 7.1                                                                               | 8.9*                                                                              |                                                                                   |                                                                                   | 5.5                                                                               | 6.1*                                                                              | 8.5  |     |
| LC-V           | 4.5                                                                               | 21.5*                                                                             | 21.5*                                                                             | 14.5*                                                                             | 14.5*                                                                             | 9.7                                                                               | 11.2*                                                                             | 7.0                                                                               | 9.3*                                                                              | 5.0                                                                               | 6.5*                                                                              | 4.9                                                                               | 6.1*                                                                              | 9.0  |     |
|                | 3.0                                                                               | 20.7*                                                                             | 20.7*                                                                             | 14.3                                                                              | 16.0*                                                                             | 9.6                                                                               | 11.8*                                                                             | 6.9                                                                               | 9.4                                                                               | 4.9                                                                               | 7.1                                                                               | 4.6                                                                               | 6.3*                                                                              | 9.3  |     |
|                | 1.5                                                                               | 19.2*                                                                             | 19.2*                                                                             | 14.1                                                                              | 16.2*                                                                             | 9.2                                                                               | 12.0*                                                                             | 6.6                                                                               | 9.3                                                                               | 4.8                                                                               | 7.0                                                                               | 4.6                                                                               | 6.6                                                                               | 9.3  |     |
|                | 0                                                                                 | 19.6*                                                                             | 19.6*                                                                             | 13.5                                                                              | 16.1*                                                                             | 8.8                                                                               | 11.9*                                                                             | 6.3                                                                               | 9.3                                                                               | 4.7                                                                               | 6.8*                                                                              | 4.7                                                                               | 6.5*                                                                              | 9.1  |     |
|                | -1.5                                                                              | 24.6*                                                                             | 24.6*                                                                             | 13.1                                                                              | 16.3*                                                                             | 8.6                                                                               | 12.0*                                                                             | 6.1                                                                               | 9.0*                                                                              |                                                                                   |                                                                                   | 5.1                                                                               | 5.8*                                                                              | 8.6  |     |
|                | -3.0                                                                              | 22.7*                                                                             | 22.7*                                                                             | 13.0                                                                              | 15.5*                                                                             | 8.4                                                                               | 10.9*                                                                             | 5.9*                                                                              | 5.9*                                                                              |                                                                                   |                                                                                   | 4.6*                                                                              | 4.6*                                                                              | 7.8  |     |
|                | -4.5                                                                              | 18.1*                                                                             | 18.1*                                                                             | 11.0*                                                                             | 11.0*                                                                             | 5.0*                                                                              | 5.0*                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4.3*                                                                              | 4.3*                                                                              | 6.3  |     |

## Stick 3.70 m

| Under-carriage |  | 3.0m                                                                              |                                                                                   | 4.5m                                                                               |                                                                                     | 6.0m                                                                                |                                                                                     | 7.5m                                                                                |                                                                                     | 9.0m                                                                                |                                                                                     |  |      |     |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|
|                |                                                                                   |  |  |  |  |  |  |  |  |  |  |  | m    |     |
| NLC            | 10.5                                                                              |                                                                                   |                                                                                   | 7.7*                                                                               | 7.7*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 6.9*                                                                                | 6.9* | 4.9 |
|                | 9.0                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.2*                                                                                | 7.2*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.8*                                                                                | 5.8* | 6.9 |
|                | 7.5                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.3*                                                                                | 7.3*                                                                                | 5.3                                                                                 | 6.8*                                                                                |                                                                                     |                                                                                     | 4.4                                                                                 | 5.3* | 8.1 |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 7.3*                                                                               | 7.3*                                                                                | 7.7                                                                                 | 8.0*                                                                                | 5.4                                                                                 | 7.6*                                                                                |                                                                                     |                                                                                     | 3.7                                                                                 | 5.1* | 9.0 |
|                | 4.5                                                                               | 13.8*                                                                             | 13.8*                                                                             | 11.2*                                                                              | 11.2*                                                                               | 7.5                                                                                 | 10.0*                                                                               | 5.3                                                                                 | 8.3                                                                                 | 3.7                                                                                 | 6.1                                                                                 | 3.3                                                                                 | 5.2* | 9.5 |
|                | 3.0                                                                               | 20.1                                                                              | 21.0*                                                                             | 11.1                                                                               | 15.4*                                                                               | 7.3                                                                                 | 11.2                                                                                | 5.1                                                                                 | 8.2                                                                                 | 3.6                                                                                 | 6.0                                                                                 | 3.0                                                                                 | 5.2  | 9.7 |
|                | 1.5                                                                               | 19.4                                                                              | 21.6*                                                                             | 10.3                                                                               | 16.1*                                                                               | 6.8                                                                                 | 11.1                                                                                | 4.8                                                                                 | 8.0                                                                                 | 3.5                                                                                 | 5.8                                                                                 | 2.9                                                                                 | 5.1  | 9.8 |
|                | 0                                                                                 | 17.8                                                                              | 20.2*                                                                             | 9.5                                                                                | 16.0*                                                                               | 6.3                                                                                 | 11.0                                                                                | 4.6                                                                                 | 7.8                                                                                 | 3.3                                                                                 | 5.7                                                                                 | 3.0                                                                                 | 5.2  | 9.6 |
| LC             | -1.5                                                                              | 17.2                                                                              | 22.7*                                                                             | 9.0                                                                                | 16.1*                                                                               | 6.0                                                                                 | 10.7                                                                                | 4.3                                                                                 | 7.5                                                                                 | 3.2                                                                                 | 5.6                                                                                 | 3.2                                                                                 | 5.5  | 9.1 |
|                | -3.0                                                                              | 17.1                                                                              | 23.8*                                                                             | 8.9                                                                                | 15.9*                                                                               | 5.9                                                                                 | 10.5                                                                                | 4.2                                                                                 | 7.3                                                                                 |                                                                                     |                                                                                     | 3.6                                                                                 | 4.8* | 8.3 |
|                | -4.5                                                                              | 17.5                                                                              | 20.6*                                                                             | 9.0                                                                                | 13.7*                                                                               | 5.8                                                                                 | 8.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 3.5*                                                                                | 3.5* | 7.2 |
|                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |     |
| LC-V           | 10.5                                                                              |                                                                                   |                                                                                   | 7.7*                                                                               | 7.7*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 6.9*                                                                                | 6.9* | 4.9 |
|                | 9.0                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.2*                                                                                | 7.2*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.8*                                                                                | 5.8* | 6.9 |
|                | 7.5                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.3*                                                                                | 7.3*                                                                                | 5.8                                                                                 | 6.8*                                                                                |                                                                                     |                                                                                     | 4.9                                                                                 | 5.3* | 8.1 |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 7.3*                                                                               | 7.3*                                                                                | 8.0*                                                                                | 8.0*                                                                                | 5.8                                                                                 | 7.6*                                                                                |                                                                                     |                                                                                     | 4.1                                                                                 | 5.1* | 9.0 |
|                | 4.5                                                                               | 13.8*                                                                             | 13.8*                                                                             | 11.2*                                                                              | 11.2*                                                                               | 8.2                                                                                 | 10.0*                                                                               | 5.8                                                                                 | 8.4                                                                                 | 4.0                                                                                 | 6.1                                                                                 | 3.6                                                                                 | 5.2* | 9.5 |
|                | 3.0                                                                               | 21.0*                                                                             | 21.0*                                                                             | 11.9                                                                               | 15.4*                                                                               | 8.0                                                                                 | 11.3                                                                                | 5.6                                                                                 | 8.2                                                                                 | 4.0                                                                                 | 6.0                                                                                 | 3.4                                                                                 | 5.2  | 9.7 |
|                | 1.5                                                                               | 21.6*                                                                             | 21.6*                                                                             | 11.4                                                                               | 16.1*                                                                               | 7.4                                                                                 | 11.1                                                                                | 5.3                                                                                 | 8.1                                                                                 | 3.8                                                                                 | 5.9                                                                                 | 3.3                                                                                 | 5.1  | 9.8 |
|                | 0                                                                                 | 20.2*                                                                             | 20.2*                                                                             | 10.6                                                                               | 16.0*                                                                               | 7.0                                                                                 | 11.1                                                                                | 5.1                                                                                 | 7.9                                                                                 | 3.7                                                                                 | 5.8                                                                                 | 3.3                                                                                 | 5.2  | 9.6 |
| LC-V           | -1.5                                                                              | 19.8                                                                              | 22.7*                                                                             | 10.1                                                                               | 16.1*                                                                               | 6.7                                                                                 | 10.8                                                                                | 4.8                                                                                 | 7.6                                                                                 | 3.6                                                                                 | 5.7                                                                                 | 3.6                                                                                 | 5.6  | 9.1 |
|                | -3.0                                                                              | 19.7                                                                              | 23.8*                                                                             | 9.9                                                                                | 15.9*                                                                               | 6.5                                                                                 | 10.6                                                                                | 4.7                                                                                 | 7.4                                                                                 |                                                                                     |                                                                                     | 4.0                                                                                 | 4.8* | 8.3 |
|                | -4.5                                                                              | 20.1                                                                              | 20.6*                                                                             | 10.0                                                                               | 13.7*                                                                               | 6.5                                                                                 | 8.4*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 3.5*                                                                                | 3.5* | 7.2 |
|                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |     |
|                | 10.5                                                                              |                                                                                   |                                                                                   | 7.8*                                                                               | 7.8*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 6.7*                                                                                | 6.7* | 4.9 |
|                | 9.0                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.2*                                                                                | 7.2*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 5.7*                                                                                | 5.7* | 6.9 |
|                | 7.5                                                                               |                                                                                   |                                                                                   |                                                                                    |                                                                                     | 7.4*                                                                                | 7.4*                                                                                | 6.9*                                                                                | 6.9*                                                                                |                                                                                     |                                                                                     | 5.3*                                                                                | 5.3* | 8.1 |
|                | 6.0                                                                               |                                                                                   |                                                                                   | 7.5*                                                                               | 7.5*                                                                                | 8.1*                                                                                | 8.1*                                                                                | 7.1                                                                                 | 7.7*                                                                                | 5.1                                                                                 | 5.3*                                                                                | 5.1                                                                                 | 5.1* | 9.0 |
| LC-V           | 4.5                                                                               | 18.6*                                                                             | 18.6*                                                                             | 12.0*                                                                              | 12.0*                                                                               | 9.7                                                                                 | 10.3*                                                                               | 7.1                                                                                 | 9.0*                                                                                | 5.1                                                                                 | 7.0*                                                                                | 4.6                                                                                 | 5.2* | 9.5 |
|                | 3.0                                                                               | 21.0*                                                                             | 21.0*                                                                             | 14.3                                                                               | 15.5*                                                                               | 9.5                                                                                 | 11.5*                                                                               | 6.9                                                                                 | 9.3*                                                                                | 5.0                                                                                 | 7.2                                                                                 | 4.3                                                                                 | 5.3* | 9.7 |
|                | 1.5                                                                               | 21.7*                                                                             | 21.7*                                                                             | 14.1                                                                               | 16.1*                                                                               | 9.3                                                                                 | 11.9*                                                                               | 6.7                                                                                 | 9.3                                                                                 | 4.9                                                                                 | 7.1                                                                                 | 4.2                                                                                 | 5.7* | 9.8 |
|                | 0                                                                                 | 20.2*                                                                             | 20.2*                                                                             | 13.6                                                                               | 16.0*                                                                               | 8.8                                                                                 | 11.8*                                                                               | 6.4                                                                                 | 9.3                                                                                 | 4.7                                                                                 | 6.9                                                                                 | 4.3                                                                                 | 6.2* | 9.6 |
|                | -1.5                                                                              | 23.1*                                                                             | 23.1*                                                                             | 13.1                                                                               | 16.1*                                                                               | 8.5                                                                                 | 11.9*                                                                               | 6.1                                                                                 | 9.1                                                                                 | 4.7                                                                                 | 5.9*                                                                                | 4.6                                                                                 | 5.7* | 9.1 |
|                | -3.0                                                                              | 23.6*                                                                             | 23.6*                                                                             | 12.9                                                                               | 15.8*                                                                               | 8.4                                                                                 | 11.6*                                                                               | 6.0                                                                                 | 7.7*                                                                                |                                                                                     |                                                                                     | 4.7*                                                                                | 4.7* | 8.3 |
|                | -4.5                                                                              | 20.1*                                                                             | 20.1*                                                                             | 13.0                                                                               | 13.2*                                                                               | 7.9*                                                                                | 7.9*                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 3.6*                                                                                | 3.6* | 7.2 |
|                |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |     |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach

\* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads with adjusting cylinder in optimal position. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

# Lift capacities

with two-piece boom 6.40 m, counterweight 6.2 t and track pads 600 mm

## Stick 2.50 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m      | 7.5 m    | 9.0 m | Max. reach | m   |
|----------------|-------------|-------------|------------|----------|-------|------------|-----|
| 10.5           |             |             |            |          |       |            |     |
| 9.0            |             |             |            |          |       | 9.5*       | 5.2 |
| 7.5            |             |             |            |          |       | 6.5        | 6.8 |
| 6.0            | 13.6* 13.6* | 11.3* 11.3* | 8.3 11.1*  | 5.6 8.9  |       | 5.2        | 7.8 |
| 4.5            | 20.9* 20.9* | 12.2 15.3*  | 8.2 11.7*  | 5.6 8.9  |       | 4.5        | 8.4 |
| 3.0            | 20.9* 20.9* | 11.8 16.4*  | 7.7 12.0   | 5.4 8.8  |       | 4.2        | 8.6 |
| 1.5            | 13.5* 13.5* | 10.9 16.3*  | 7.3 11.9   | 5.2 8.6  |       | 4.1        | 8.7 |
| 0              | 19.1* 19.1* | 10.4 16.4*  | 7.0 11.9   | 5.0 8.3  |       | 4.2        | 8.4 |
| -1.5           | 19.4 24.0*  | 10.2 16.3*  | 6.8 11.7   | 4.9 8.0* |       | 4.6        | 7.9 |
| -3.0           | 19.7 21.3*  | 10.2 14.8*  | 6.7 9.4*   |          |       | 4.4*       | 7.0 |
| -4.5           | 13.6* 13.6* | 7.2* 7.2*   |            |          |       | 6.0*       | 4.8 |
| 10.5           |             |             |            |          |       | 9.5*       | 5.2 |
| 9.0            |             |             |            |          |       | 7.1        | 6.8 |
| 7.5            |             |             |            |          |       | 5.7        | 7.8 |
| 6.0            | 13.6* 13.6* | 13.3* 13.3* | 9.0 11.1*  | 6.1 9.0  |       | 4.9        | 8.4 |
| 4.5            | 20.9* 20.9* | 13.1 15.3*  | 8.9 11.7*  | 6.1 9.0  |       | 4.6        | 8.6 |
| 3.0            | 20.9* 20.9* | 12.9 16.4*  | 8.5 12.1   | 5.9 8.9  |       | 4.5        | 8.7 |
| 1.5            | 13.5* 13.5* | 12.1 16.3*  | 8.0 12.0   | 5.7 8.7  |       | 4.6        | 8.4 |
| 0              | 19.1* 19.1* | 11.5 16.4*  | 7.7 12.0   | 5.5 8.4  |       | 5.1        | 7.9 |
| -1.5           | 22.2 24.0*  | 11.3 16.3*  | 7.5 11.8   | 5.4 8.0* |       | 4.4*       | 7.0 |
| -3.0           | 21.3* 21.3* | 11.4 14.8*  | 7.4 9.4*   |          |       | 6.0*       | 4.8 |
| -4.5           | 13.6* 13.6* | 7.2* 7.2*   |            |          |       |            |     |
| 10.5           |             |             |            |          |       | 9.3*       | 5.2 |
| 9.0            |             |             |            |          |       | 8.4*       | 6.8 |
| 7.5            |             |             |            |          |       | 6.9        | 7.8 |
| 6.0            | 15.0* 15.0* | 13.7* 13.7* | 10.6 11.1* | 7.5 9.5* |       | 6.1        | 8.4 |
| 4.5            | 20.7* 20.7* | 15.5* 15.5* | 10.4 11.7* | 7.5 9.6* |       | 5.7        | 8.6 |
| 3.0            | 20.3* 20.3* | 15.2 16.4*  | 10.3 12.1* | 7.3 9.6* |       | 5.6        | 8.7 |
| 1.5            | 13.8* 13.8* | 15.2 16.3*  | 9.9 12.1*  | 7.1 9.6* |       | 5.8        | 8.4 |
| 0              | 19.8* 19.8* | 14.6 16.4*  | 9.6 12.1*  | 6.9 9.5* |       | 5.9*       | 7.9 |
| -1.5           | 23.8* 23.8* | 14.4 16.3*  | 9.4 12.0*  | 6.8 7.7* |       | 4.2*       | 7.0 |
| -3.0           | 21.0* 21.0* | 14.5 14.6*  | 8.9* 8.9*  |          |       | 6.8*       | 4.8 |
| -4.5           | 12.1* 12.1* |             |            |          |       |            |     |

## Stick 2.80 m

| Under-carriage | 3.0 m       | 4.5 m       | 6.0 m      | 7.5 m    | 9.0 m | Max. reach | m     |
|----------------|-------------|-------------|------------|----------|-------|------------|-------|
| 10.5           |             |             |            |          |       |            |       |
| 9.0            |             |             |            |          |       | 8.2*       | 5.7   |
| 7.5            |             |             |            |          |       | 6.0        | 7.1   |
| 6.0            | 10.1* 10.1* | 11.6* 11.6* | 8.4 10.8*  | 5.6 9.0  |       | 4.9        | 8.1   |
| 4.5            | 21.5* 21.5* | 12.2 14.9*  | 8.2 11.4*  | 5.6 8.9  |       | 4.3        | 8.6   |
| 3.0            | 20.7* 20.7* | 11.9 16.2*  | 7.8 12.0   | 5.5 8.8  |       | 4.0        | 8.9   |
| 1.5            | 16.2* 16.2* | 11.0 16.2*  | 7.3 11.8   | 5.3 8.6  |       | 3.9        | 9.0   |
| 0              | 19.1* 19.1* | 10.4 16.3*  | 7.0 11.9   | 5.0 8.4  |       | 4.0        | 8.7   |
| -1.5           | 19.3 24.4*  | 10.1 16.3*  | 6.8 11.7   | 4.9 8.2  |       | 4.3        | 8.2   |
| -3.0           | 19.5 22.1*  | 10.1 15.2*  | 6.7 10.3*  |          |       | 4.6*       | 7.4   |
| -4.5           | 16.2* 16.2* | 9.4* 9.4*   |            |          |       | 5.0*       | 5.5   |
| 10.5           |             |             |            |          |       | 8.2*       | 5.7   |
| 9.0            |             |             |            |          |       | 6.6        | 7.1   |
| 7.5            |             |             |            |          |       | 5.3        | 8.1   |
| 6.0            | 10.1* 10.1* | 11.6* 11.6* | 9.0 10.8*  | 6.2 9.1  |       | 4.7        | 8.6   |
| 4.5            | 21.5* 21.5* | 13.1 14.9*  | 8.8 11.4*  | 6.1 9.0  |       | 4.4        | 8.9   |
| 3.0            | 20.7* 20.7* | 12.8 16.2*  | 8.5 12.0*  | 6.0 8.9  |       | 4.3        | 9.0   |
| 1.5            | 16.2* 16.2* | 12.2 16.2*  | 8.0 11.9   | 5.8 8.7  |       | 4.4        | 8.7   |
| 0              | 19.1* 19.1* | 11.5 16.3*  | 7.7 11.9   | 5.5 8.5  |       | 4.8        | 8.2   |
| -1.5           | 22.1 24.4*  | 11.3 16.3*  | 7.5 11.8   | 5.4 8.3  |       | 4.6*       | 7.4   |
| -3.0           | 22.1* 22.1* | 11.3 15.2*  | 7.4 10.3*  |          |       | 5.0*       | 5.5   |
| -4.5           | 16.2* 16.2* | 9.4* 9.4*   |            |          |       |            |       |
| 10.5           |             |             |            |          |       | 10.6*      | 10.6* |
| 9.0            |             |             |            |          |       | 8.1*       | 5.7   |
| 7.5            |             |             |            |          |       | 7.4*       | 7.1   |
| 6.0            | 10.9* 10.9* | 11.9* 11.9* | 10.6 10.9* | 7.6 9.3* |       | 6.5        | 8.1   |
| 4.5            | 21.3* 21.3* | 15.1* 15.1* | 10.4 11.5* | 7.5 9.4* |       | 5.8        | 8.6   |
| 3.0            | 20.8* 20.8* | 15.2 16.3*  | 10.3 12.0* | 7.4 9.6* |       | 5.4        | 8.9   |
| 1.5            | 16.2* 16.2* | 15.1 16.2*  | 10.0 12.0* | 7.1 9.5* |       | 5.4        | 9.0   |
| 0              | 19.6* 19.6* | 14.6 16.3*  | 9.6 12.0*  | 6.9 9.5* |       | 5.5        | 8.7   |
| -1.5           | 24.3* 24.3* | 14.4 16.3*  | 9.4 12.1*  | 6.8 8.5* |       | 5.9*       | 8.2   |
| -3.0           | 21.8* 21.8* | 14.4 15.0*  | 9.3 10.0*  |          |       | 4.4*       | 7.4   |
| -4.5           | 15.0* 15.0* | 8.5* 8.5*   |            |          |       | 5.3*       | 5.5   |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach \* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads with adjusting cylinder in optimal position. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

### Stick 3.20 m

| Under-carriage | 3.0 m | 4.5 m | 6.0 m | 7.5 m | 9.0 m | Max. reach | m   |
|----------------|-------|-------|-------|-------|-------|------------|-----|
| 10.5           |       |       |       |       |       | 8.8*       | 4.0 |
| 9.0            |       | 8.8*  | 8.8*  |       |       | 7.0*       | 6.3 |
| 7.5            |       | 8.3*  | 8.3*  | 5.6   | 6.8*  | 5.5        | 7.6 |
| 6.0            |       | 9.4*  | 9.4*  | 8.4   | 9.5*  | 4.5        | 8.5 |
| 4.5            | 21.4* | 12.2  | 14.3* | 8.2   | 11.1* | 4.0        | 9.0 |
| 3.0            | 20.7* | 11.9  | 15.9* | 7.9   | 11.8* | 4.0        | 9.3 |
| 1.5            | 19.7* | 11.1  | 16.2* | 7.4   | 11.8  | 3.9        | 9.3 |
| 0              | 19.3* | 10.4  | 16.1* | 7.0   | 11.8  | 3.7        | 9.1 |
| -1.5           | 19.2  | 10.1  | 16.3* | 6.8   | 11.6  | 4.0        | 8.6 |
| -3.0           | 19.3  | 10.0  | 15.6* | 6.6   | 11.1* | 4.6        | 7.8 |
| -4.5           | 18.7* | 10.1  | 11.7* | 5.9*  | 5.9*  | 4.1*       | 6.3 |
| 10.5           |       |       |       |       |       | 8.8*       | 4.0 |
| 9.0            |       | 8.8*  | 8.8*  | 7.7*  | 7.7*  | 7.0*       | 6.3 |
| 7.5            |       | 8.3*  | 8.3*  | 8.6*  | 8.6*  | 6.0        | 7.6 |
| 6.0            |       | 9.4*  | 9.4*  | 9.0   | 9.5*  | 4.9        | 8.5 |
| 4.5            | 21.4* | 13.2  | 14.3* | 8.8   | 11.1* | 4.4        | 9.0 |
| 3.0            | 20.7* | 12.8  | 15.9* | 8.6   | 11.8* | 4.1        | 9.3 |
| 1.5            | 19.7* | 12.3  | 16.2* | 8.1   | 11.8  | 4.0        | 9.3 |
| 0              | 19.3* | 11.6  | 16.1* | 7.7   | 11.8  | 4.1        | 9.1 |
| -1.5           | 22.0  | 11.2  | 16.3* | 7.4   | 11.8  | 4.4        | 8.6 |
| -3.0           | 22.1  | 11.2  | 15.6* | 7.3   | 11.1* | 4.7*       | 7.8 |
| -4.5           | 18.7* | 11.3  | 11.7* | 5.9*  | 5.9*  | 4.1*       | 6.3 |
| 10.5           |       |       |       |       |       | 8.5*       | 4.0 |
| 9.0            |       | 8.7*  | 8.7*  | 8.0*  | 8.0*  | 6.9*       | 6.3 |
| 7.5            |       | 8.3*  | 8.3*  | 8.7*  | 8.7*  | 6.3*       | 7.6 |
| 6.0            |       | 9.7*  | 9.7*  | 9.7*  | 9.7*  | 6.0        | 8.5 |
| 4.5            | 21.5* | 14.5* | 14.5* | 10.4  | 11.2* | 5.4        | 9.0 |
| 3.0            | 20.7* | 15.1  | 16.0* | 10.2  | 11.8* | 5.1        | 9.3 |
| 1.5            | 19.2* | 15.0  | 16.2* | 10.0  | 12.0* | 5.0        | 9.3 |
| 0              | 19.6* | 14.7  | 16.1* | 9.6   | 11.9* | 5.2        | 9.1 |
| -1.5           | 24.6* | 14.3  | 16.3* | 9.4   | 12.0* | 5.6        | 8.6 |
| -3.0           | 22.7* | 14.3  | 15.5* | 9.2   | 10.9* | 4.6*       | 7.8 |
| -4.5           | 18.1* | 11.0* | 11.0* | 5.0*  | 5.0*  | 4.3*       | 6.3 |

### Stick 3.70 m

| Under-carriage | 3.0 m | 4.5 m | 6.0 m | 7.5 m | 9.0 m | Max. reach | m   |
|----------------|-------|-------|-------|-------|-------|------------|-----|
| 10.5           |       | 7.7*  | 7.7*  |       |       | 6.9*       | 4.9 |
| 9.0            |       |       | 7.2*  | 7.2*  |       | 5.8*       | 6.9 |
| 7.5            |       |       | 7.3*  | 7.3*  | 5.8   | 6.8*       | 8.1 |
| 6.0            |       | 7.3*  | 7.3*  | 8.0*  | 8.0*  | 5.9        | 9.0 |
| 4.5            | 13.8* | 11.2* | 11.2* | 8.2   | 10.0* | 5.8        | 9.5 |
| 3.0            | 21.0* | 11.9  | 15.4* | 8.0   | 11.5* | 5.6        | 9.7 |
| 1.5            | 21.2  | 11.4  | 16.1* | 7.5   | 11.7  | 5.4        | 9.8 |
| 0              | 19.8  | 10.6  | 16.0* | 7.0   | 11.7  | 5.1        | 9.6 |
| -1.5           | 19.2  | 10.1  | 16.1* | 6.7   | 11.6  | 4.9        | 9.1 |
| -3.0           | 19.1  | 9.9   | 15.9* | 6.6   | 11.5  | 4.7        | 8.3 |
| -4.5           | 19.4  | 10.0  | 13.7* | 6.5   | 8.4*  |            | 7.2 |
| 10.5           |       | 7.7*  | 7.7*  |       |       | 6.9*       | 4.9 |
| 9.0            |       |       | 7.2*  | 7.2*  |       | 5.8*       | 6.9 |
| 7.5            |       |       | 7.3*  | 7.3*  | 6.3   | 6.8*       | 8.1 |
| 6.0            |       | 7.3*  | 7.3*  | 8.0*  | 8.0*  | 6.4        | 9.0 |
| 4.5            | 13.8* | 11.2* | 11.2* | 8.8   | 10.0* | 6.3        | 9.5 |
| 3.0            | 21.0* | 12.8  | 15.4* | 8.6   | 11.5* | 6.2        | 9.7 |
| 1.5            | 21.6* | 12.6  | 16.1* | 8.2   | 11.8  | 5.9        | 9.8 |
| 0              | 20.2* | 11.7  | 16.0* | 7.7   | 11.7  | 5.6        | 9.6 |
| -1.5           | 22.0  | 11.2  | 16.1* | 7.4   | 11.8  | 5.4        | 9.1 |
| -3.0           | 21.9  | 11.1  | 15.9* | 7.3   | 11.6  | 5.2        | 8.3 |
| -4.5           | 20.6* | 11.1  | 13.7* | 7.2   | 8.4*  |            | 7.2 |
| 10.5           |       | 7.8*  | 7.8*  |       |       | 6.7*       | 4.9 |
| 9.0            |       |       | 7.2*  | 7.2*  |       | 5.7*       | 6.9 |
| 7.5            |       |       | 7.4*  | 7.4*  | 6.9*  | 6.9*       | 8.1 |
| 6.0            |       | 7.5*  | 7.5*  | 8.1*  | 8.1*  | 7.6        | 9.0 |
| 4.5            | 18.6* | 12.0* | 12.0* | 10.3* | 10.3* | 7.6        | 9.5 |
| 3.0            | 21.0* | 15.2  | 15.5* | 10.2  | 11.5* | 7.5        | 9.7 |
| 1.5            | 21.7* | 14.9  | 16.1* | 10.1  | 11.9* | 7.3        | 9.8 |
| 0              | 20.2* | 14.8  | 16.0* | 9.6   | 11.8* | 7.0        | 9.6 |
| -1.5           | 23.1* | 14.3  | 16.1* | 9.3   | 11.9* | 6.7        | 9.1 |
| -3.0           | 23.6* | 14.2  | 15.8* | 9.2   | 11.6* | 6.6        | 8.3 |
| -4.5           | 20.1* | 13.2* | 13.2* | 7.9*  | 7.9*  |            | 7.2 |



Height



Can be slewed through 360°



In longitudinal position of undercarriage



Max. reach

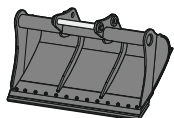
\* Limited by hydr. capacity

The load values are quoted in tons (t) at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 600 mm wide track pads with adjusting cylinder in optimal position. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via \*). Without bucket cylinder, link and lever the lift capacities will increase by 410 kg. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

According to European Standard, EN 474-5: In the European Union excavators have to be equipped with an overload warning device, a load diagram and automatic safety check valves on hoist cylinders and stick cylinder(s), when they are used for lifting operations which require the use of lifting accessories.

Determine maximum load lift from load lift chart displayed in the operator's cab or from load lift chart detailed in the operator's manual supplied with the machine.

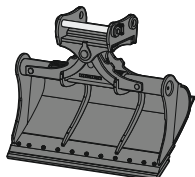
# Attachments



## Rigid ditch cleaning bucket

### GRL 05, for mounting to quick coupler SWA 66

|               |    |       |       |       |
|---------------|----|-------|-------|-------|
| Cutting width | mm | 2,000 | 2,400 | 2,400 |
| Capacity      | m³ | 0.70  | 0.85  | 1.25  |
| Weight        | kg | 546   | 635   | 685   |



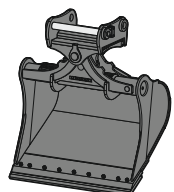
## Tiltable ditch cleaning bucket

### GRL 100, 2 x 50° tiltable, for direct mounting

|               |    |       |       |       |       |       |
|---------------|----|-------|-------|-------|-------|-------|
| Cutting width | mm | 2,000 | 2,000 | 2,200 | 2,400 | 2,400 |
| Capacity      | m³ | 1.20  | 1.45  | 1.65  | 0.85  | 1.45  |
| Weight        | kg | 1,520 | 1,600 | 1,680 | 1,475 | 1,620 |

### GRL 100, 2 x 50° tiltable, for mounting to quick coupler SWA 66

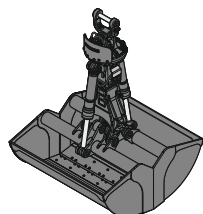
|               |    |       |       |       |       |       |
|---------------|----|-------|-------|-------|-------|-------|
| Cutting width | mm | 2,000 | 2,000 | 2,200 | 2,400 | 2,400 |
| Capacity      | m³ | 1.20  | 1.45  | 1.65  | 0.85  | 1.45  |
| Weight        | kg | 1,520 | 1,600 | 1,680 | 1,475 | 1,620 |



## Tilt bucket

### SL 100, 2 x 50° tiltable, for mounting to quick coupler SWA 66

|               |    |       |       |       |       |
|---------------|----|-------|-------|-------|-------|
| Cutting width | mm | 1,600 | 1,600 | 1,700 | 1,800 |
| Capacity      | m³ | 1.45  | 1.75  | 1.85  | 1.60  |
| Weight        | kg | 1,520 | 1,635 | 1,695 | 1,620 |
| HD version    |    |       |       | X     |       |



## Clamshell grab

### GMZ 30, clamshell buckets, for mounting to quick coupler SWA 48 (exists for direct mounting)

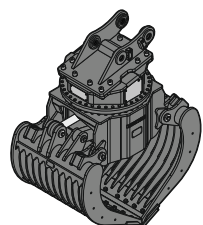
|               |    |       |       |       |       |
|---------------|----|-------|-------|-------|-------|
| Cutting width | mm | 600   | 800   | 1,000 | 1,200 |
| Capacity      | m³ | 0.38  | 0.52  | 0.65  | 0.80  |
| Weight        | kg | 1,020 | 1,100 | 1,180 | 1,260 |

### GMZ 40, clamshell buckets, for mounting to quick coupler SWA 48 (exists for direct mounting)

|               |    |       |       |       |       |       |
|---------------|----|-------|-------|-------|-------|-------|
| Cutting width | mm | 800   | 1,000 | 1,200 | 1,400 | 1,600 |
| Capacity      | m³ | 0.65  | 0.85  | 1.05  | 1.20  | 1.40  |
| Weight        | kg | 1,320 | 1,405 | 1,495 | 1,580 | 1,670 |

### GMZ 80, clamshell buckets, for mounting to quick coupler SWA 66

|               |    |       |       |       |       |       |       |       |       |
|---------------|----|-------|-------|-------|-------|-------|-------|-------|-------|
| Cutting width | mm | 1,200 | 1,200 | 1,400 | 1,400 | 1,650 | 1,650 | 2,000 | 2,000 |
| Capacity      | m³ | 1.40  | 1.40  | 1.70  | 1.70  | 2.00  | 2.00  | 2.50  | 2.50  |
| Weight        | kg | 2,170 | 2,130 | 2,275 | 2,225 | 2,415 | 2,345 | 2,595 | 2,520 |



## Sorting grab

perforated      ribbed      closed      stone tong

### SG 30, for direct mounting

|               |    |       |       |       |       |       |       |       |       |       |       |
|---------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cutting width | mm | 1,000 | 1,200 | 1,400 | 1,000 | 1,200 | 1,400 | 1,000 | 1,200 | 1,400 | 1,020 |
| Capacity      | m³ | 0.85  | 1.00  | 1.15  | 0.75  | 0.90  | 1.05  | 0.85  | 1.00  | 1.15  | 0.85  |
| Weight        | kg | 1,485 | 1,560 | 1,635 | 1,565 | 1,675 | 1,780 | 1,730 | 1,810 | 1,890 | 1,765 |

### SG 30, for mounting to quick coupler SWA 48

|               |    |       |       |       |       |       |       |       |       |       |       |
|---------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Cutting width | mm | 1,000 | 1,200 | 1,400 | 1,000 | 1,200 | 1,400 | 1,000 | 1,200 | 1,400 | 1,020 |
| Capacity      | m³ | 0.85  | 1.00  | 1.15  | 0.75  | 0.90  | 1.05  | 0.85  | 1.00  | 1.15  | 0.85  |
| Weight        | kg | 1,485 | 1,560 | 1,635 | 1,565 | 1,675 | 1,780 | 1,730 | 1,810 | 1,890 | 1,765 |

### SG 40, for mounting to quick coupler SWA 48 and SWA 66

|               |    |       |       |       |       |
|---------------|----|-------|-------|-------|-------|
| Cutting width | mm | 1,100 | 1,300 | 1,100 | 1,300 |
| Capacity      | m³ | 1.30  | 1.60  | 1.10  | 1.40  |
| Weight        | kg | 2,230 | 2,800 | 2,320 | 2,900 |

# Serial equipment



## Undercarriage

- Lashing eyes
- Sprocket with dirt ejector
- Track and carrier rollers, sealed and lifetime-lubricated



## Upper-carriage

- Access platforms without protruding parts
- Anti-skid surfaces
- Automatic swing brake lock
- Centralised lubrication system (automatic)
- DEF tank filling indicator
- DEF tank lockable access hatch
- Engine hood with gas spring opening
- Filters accessible from ground level
- Handrails
- Hydraulic oil level, visible from ground level
- Lockable service doors
- Lockable storage and accessories compartment
- Lockable storage box
- Main switch, accessible from ground level
- Main switch, electric, with timer
- Main switch, manual, lockable
- Positioning swing brake manual
- Protection grid on radiator fan
- Safe upper-carriage side access platform
- Sound insulation
- Swing-out radiators
- Windshield washer fluid tank, accessible from ground level



## Hydraulic system

- Dedicated swing circuit
- Filter with integrated fine filters
- Hydraulic pressure measuring ports
- Liebherr Positive Control system with 2 independent circuits
- Magnetic rod
- Pressure accumulator for controlled lowering of equipment with engine turned off



## Engine

- Air filter with automatic dust ejector
- Automatic engine idling / speed increase, controlled via joystick sensors
- Common-Rail injection system
- Engine oil dipstick
- Exhaust gas after-treatment system – DOC + SCR Filter
- Fixed geometry turbocharger
- Fuel fine filter
- Fuel pre-filter and water separator
- Fuel priming pump
- Intercooler
- Power Pack EU Stage V



## Cab

- 9" multifunction colour touchscreen
- Air conditioning, automatic, tri-zone, controlled via display
- Armrests adjustable in length, height and inclination
- Bottle holder
- Cab air filters housing, accessible from ground level
- Cab door sliding windows
- Cigarette lighter
- Coat hook
- DEF consumption on touchscreen
- DEF level on touchscreen
- Electric socket in cabin (12 V)
- Electric socket in cabin (24 V)
- Emergency hammer
- Engine coolant level, visible from the cab
- Engine oil level on touchscreen
- Fuel consumption on touchscreen
- Fuel level on touchscreen
- Hydraulic oil level on touchscreen
- Interior lighting
- Laminated right hand side window
- LiDAT Plus (Liebherr data transfer system)
- Mechanical hour meter, visible from ground level
- Mobile phone storage net
- Movement priority between swing and boom, adjustable via touchscreen
- Movement priority for stick-in, adjustable via touchscreen
- Operating modes
- Power modes
- Rain hood over front window opening
- Rearview mirror
- Rear view monitoring camera
- Rear window emergency exit
- Right hand side view monitoring camera
- Roll-down sun blinds for windscreen and roof window
- ROPS safety cab structure (ISO 12117-2)
- Rubber floor mat, fixed on floor and removable
- Shortcut buttons on joystick configurable
- Stepless adjustable engine speed
- Storage box
- Storage nets
- Storage spaces
- Swing braking torque adjustable via touchscreen
- Swing drive gearbox oil level, visible from the cab
- Tilttable console left
- Tinted windows
- Visco-elastic damping
- Windscreen wiper and washer



## Equipment

- Anti-drift system boom cylinders
- Anti-drift system stick cylinder
- Boom cylinders regeneration
- Pivot points made of cast steel
- SAE split flanges on high pressure lines
- Stick cylinder regeneration

# Equipment standard / option

## Undercarriage

|                                                                  |   |
|------------------------------------------------------------------|---|
| Chain guide 1 piece                                              | ● |
| Chain guide 3 pieces                                             | + |
| Chain guide 4 pieces                                             | + |
| Cover and base plate for undercarriage centre section            | ● |
| Reinforced cover and base plate for undercarriage centre section | + |
| Special painting                                                 | + |
| Steps                                                            | ● |
| Steps wide                                                       | + |
| Track chains cleaner                                             | + |
| Track pads triple grouser 600 mm                                 | ● |
| Track pads triple grouser 700 / 750 / 800 / 900 mm               | + |
| Track pads triple grouser reinforced 600 mm                      | + |
| Tracks, sealed and greased                                       | ● |
| Tracks, sealed and greased, reinforced                           | + |
| Undercarriage LC                                                 | + |
| Undercarriage LC-V                                               | + |
| Undercarriage NLC                                                | + |
| Undercarriage storage compartment                                | + |

## Upperbody

|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| Batteries high capacity                                                 | +   |
| Batteries standard capacity                                             | ●   |
| Boxing ring                                                             | +   |
| Catwalk tiltable front left                                             | +   |
| Counterweight heavy 6.2 t                                               | +   |
| Counterweight standard 5.1 t                                            | ●   |
| Electric socket on upperbody (24 V)                                     | +   |
| Extended tool set including tool box                                    | +   |
| External starting aid (24 V)                                            | +   |
| Front right rearview mirror                                             | +1) |
| Fuel anti-theft protection                                              | +   |
| Headlight on upperbody, front left, LED+, 1 piece, protection included  | +1) |
| Headlight on upperbody, front right, LED, 1 piece, protection included  | ●1) |
| Headlight on upperbody, front right, LED+, 1 piece, protection included | +1) |
| Headlight on upperbody, lateral left, LED+, 1 piece                     | +1) |
| Headlight on upperbody, lateral right, LED+, 1 piece                    | +1) |
| Headlights on upperbody, rear, LED+, 2 pieces                           | +1) |
| Lighting for tank area                                                  | +1) |
| Lighting for upperbody access                                           | +1) |
| Lockable fuel tank cap                                                  | ●   |
| Lockable fuel tank cap with padlock                                     | +   |
| Reflective warning stickers                                             | +   |
| Rotating beacons on upperbody, rear, LED, 2 pieces                      | +   |
| Skyview 360°                                                            | +   |
| Special painting                                                        | +   |
| Tank refilling pump fuel                                                | +   |
| Tool set including storage case                                         | ●   |
| Upperbody bottom and side protection                                    | +   |
| Upperbody bottom closure sheets                                         | ●   |

## Hydraulic system

|                                                                                |   |
|--------------------------------------------------------------------------------|---|
| Bypass filter for hydraulic oil                                                | + |
| Filter for hydraulic hammer return flow                                        | + |
| High pressure circuit bypass                                                   | + |
| High pressure circuit flow summation                                           | + |
| High pressure circuit switchable on pedals or mini-joystick                    | + |
| High pressure circuit with Tool Control (20 attachment adjustments on display) | + |
| Leak oil line for attachment                                                   | + |
| Liebherr hydraulic oil                                                         | ● |
| Liebherr hydraulic oil, adapted for extreme climate conditions                 | + |
| Liebherr hydraulic oil, biodegradable                                          | + |
| Medium pressure circuit                                                        | + |

## Engine

|                                          |     |
|------------------------------------------|-----|
| Air pre-filter with cyclonical dust trap | +   |
| Automatic engine shutdown after idling   | +   |
| Engine shut-down with overrun            | +   |
| Lighting for engine compartment          | +1) |
| Pre-heating system for fuel              | +   |
| Radiator fine mesh protection grid       | +   |
| Reversible fan drive                     | +   |



## Cab

|                                                              |                 |
|--------------------------------------------------------------|-----------------|
| 2" seat belt with retractor                                  | ●               |
| 3" seat belt with retractor, orange colour                   | +               |
| 4-points seat belt                                           | +               |
| Acoustic travel alarm deactivatable                          | +               |
| Auxiliary heater programmable                                | +               |
| Bottom windscreen wiper                                      | +               |
| Coming / Leaving Home                                        | + <sup>1)</sup> |
| Cool box (12 V)                                              | +               |
| Dark tinted windows                                          | +               |
| Electrically adjustable and heated outside rear-view mirrors | + <sup>1)</sup> |
| Electronic immobiliser                                       | +               |
| Emergency stop in cab                                        | +               |
| FGPS front guard                                             | +               |
| FGPS front guard tiltable                                    | +               |
| Fire extinguisher                                            | +               |
| First-aid box                                                | +               |
| Footrest                                                     | +               |
| FOPS top guard                                               | +               |
| FOPS top guard flat                                          | +               |
| Handrests elevated for joysticks                             | +               |
| Headlights on cab, front, LED, 2 pieces                      | ● <sup>1)</sup> |
| Headlights on cab, front, LED+, 2 pieces                     | + <sup>1)</sup> |
| Headlights on cab roof, front, LED+, 2 pieces                | + <sup>1)</sup> |
| Impact resistant one-piece windscreen                        | +               |
| Impact resistant roof window                                 | +               |
| Independent travel                                           | + <sup>1)</sup> |
| Integral protection guard                                    | +               |
| Laminated roof window                                        | ●               |
| Lightbar on cabin                                            | +               |
| Lighting for cabin access                                    | + <sup>1)</sup> |
| Luminosity control (LED+ headlights)                         | + <sup>1)</sup> |
| Mini-joystick proportional                                   | +               |
| Movement restriction for boom                                | +               |
| Movement restriction for stick                               | +               |
| Operator seat Comfort                                        | ●               |
| Operator seat Premium                                        | +               |
| Overload warning system                                      | +               |
| Personalised operator profile                                | +               |
| Preparation for tiltrotator                                  | +               |
| Radio Comfort                                                | +               |
| Radio pre-installation                                       | ●               |
| Remote cab lock                                              | + <sup>1)</sup> |
| Retractable laminated two-piece windscreen                   | ●               |
| Roof sun shield                                              | +               |
| Roof window wiper                                            | +               |
| Rotating beacon on cabin, LED, 1 piece                       | +               |
| Seat belt reminder                                           | +               |
| Smart Key                                                    | + <sup>1)</sup> |
| Special painting                                             | +               |
| Straight travel via mini-joystick                            | + <sup>1)</sup> |
| Sun visor                                                    | +               |
| Switch between high pressure and bucket cylinder controls    | +               |
| Travel speed management                                      | + <sup>1)</sup> |
| Windscreen bottom protection grid                            | +               |



## Equipment

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Boom cylinders rod protection                        | +               |
| Bucket cylinder rod protection                       | +               |
| Centralised lubrication extended for connecting link | +               |
| Floating boom                                        | +               |
| Grapple hydraulic lines (bucket cylinder inactive)   | +               |
| Headlight guard on boom, right                       | +               |
| Headlight guards on boom, right and left             | +               |
| Headlight on boom, left, LED+, 1 piece               | + <sup>1)</sup> |
| Headlight on boom, right, LED, 1 piece               | ● <sup>1)</sup> |
| Headlight on boom, right, LED+, 1 piece              | + <sup>1)</sup> |
| Headlight on stick, bottom, LED+, 1 piece            | + <sup>1)</sup> |
| Hose protection for Solidlink                        | +               |
| Liebherr bucket range                                | +               |
| Liebherr tooth system                                | +               |
| Load holding valve for bucket cylinder               | +               |
| Lubrication hoses protection on stick                | +               |
| Mono boom 6.20 m                                     | +               |
| Mono boom straight 6.50 m                            | +               |
| Pipe fracture safety valve for stick cylinder        | ●               |
| Pipe fracture safety valves for boom cylinders       | ●               |
| Quick coupler SWA 48 hydraulic                       | +               |
| Quick coupler SWA 48 mechanical                      | +               |
| Quick coupler SWA 66 hydraulic                       | +               |
| Quick coupler SWA 66 mechanical                      | +               |
| Solidlink electric signal plug                       | +               |
| Solidlink for quick coupler SWA 48 hydraulic         | +               |
| Solidlink for quick coupler SWA 66 hydraulic         | +               |
| Special painting                                     | +               |
| Stick 2.50 m                                         | +               |
| Stick 2.80 m                                         | +               |
| Stick 3.20 m                                         | +               |
| Stick 3.70 m                                         | +               |
| Stick bottom protection                              | +               |
| Tool Management                                      | +               |
| Two-piece boom 6.40 m                                | +               |



## Assistance system

|                                                              |   |
|--------------------------------------------------------------|---|
| Machine guidance system Leica 2D passive – “3D ready”        | + |
| Machine guidance system Leica 2D semi-automatic – “3D ready” | + |
| Machine guidance system Leica 3D passive                     | + |
| Machine guidance system Leica 3D semi-automatic              | + |
| Preparation for machine guidance system                      | + |
| Preparation for weighing system                              | + |

● = Standard, + = Option

<sup>1)</sup> Equipment not individually available, but only as predefined packages

Non-exhaustive list, please contact us for further information.

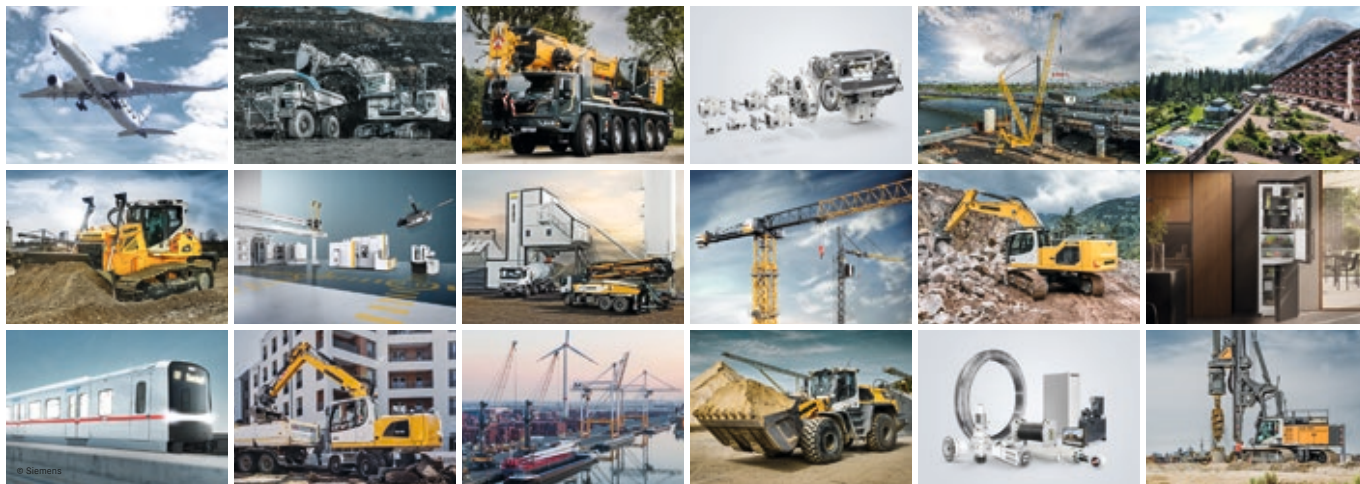
Options and / or special equipment, supplied by vendors other than Liebherr, are only to be installed with the knowledge and approval of Liebherr in order to retain warranty.

## Notes

[illegible]

[illegible]

# The Liebherr Group



## Global and independent: more than 70 years of success

Liebherr was founded in 1949 when, with the development of the world's first mobile tower crane, Hans Liebherr laid the foundations for a family-run company which now has more than 50,000 employees and comprises over 150 companies across every continent. The holding company of the Group is Liebherr-International AG in Bulle, Switzerland, whose shareholders are exclusively members of the Liebherr family.

## Technology leadership and pioneering spirit

Liebherr is a pioneer and its forward-looking approach has seen it make important contributions to technology history over a wide variety of industries. Employees throughout the world continue to share the courage of the company founder, sharing a passion to produce innovative products and a determination to provide world-leading equipment and machinery.

## Diversified product programme

Liebherr is one of the world's biggest construction machine manufacturers and provides high-quality, user-oriented products and services. Its product programme includes earthmoving machinery, material handling technology, deep foundation machines, mining, mobile and crawler cranes, tower cranes, concrete technology, maritime cranes, aerospace and transportation systems, gear technology and automation systems, refrigerators and freezers, components and hotels.

## Customised solutions and maximum customer value

Liebherr solutions are characterised by precision, implementation and longevity. The company is committed to technological excellence and to providing customers with solutions that match their needs exactly. For Liebherr, customer focus does not end with delivery of a product but continues through a comprehensive range of back-up and support services.

[www.liebherr.com](http://www.liebherr.com)

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