

Technical data

H 7i



Compactors Series H CompactLine

Compactor with smooth drum

H270

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > Excellent view of machine and construction site
- > 3-point articulation for excellent traction and cross-country mobility
- > Compact dimensions
- > High climbing ability

TECHNICAL DATA H 7i (H270)

Weights

Operating weight with cab	kg lbs	6540 14,421
Operating weight with ROPS	kg lbs	6320 13,936
Operating weight, max.	kg lbs	8040 17,728
Axle load, front/rear	kg lbs	3980/2560 8,776/5,645
Static linear load, front	kg/cm lbs/in	23,7 132.7
French classific., data/class		30,9/VM2

Machine dimensions

Total length	mm in	4409 173.6
Total height with cab	mm in	2925 115.2
Total height with ROPS	mm in	2856 112.4
Height, loading, min.	mm in	2925 115.2
Wheelbase	mm in	2306 90.8
Total width with cab	mm in	1844 72.6
Max. working width	mm in	1680 66.1
Ground clearance, center	mm in	317 12.5
Curb clearance, left/right	mm in	350/350 13.8/13.8
Turning radius, inside	mm in	3310 130.3
Angle of driving slope, front/rear	°	38/42

Drum dimensions

Drum width, front	mm in	1680 66.1
Drum diameter, front	mm in	1216 47.9
Drum thickness, front	mm in	25 1.0
Drum type, front		Smooth

Wheel dimensions

Size of tires, rear		AW 14.9-24 8 TL
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Diesel engine

Manufacturer		KUBOTA
Type		V3307-CR-T
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2200
Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2200
Emission standard		EU Stage V / EPA Tier 4

Diesel engine

Exhaust gas after-treatment		DOC-DPF
Drive		
Speed, working gear	km/h mph	0-6,0 0.0-3.7
Speed, transportation gear	km/h mph	0-12,5 0.0-7.8
Climbing ability, vibration on/off	%	55/60

Vibration

Vibration frequency, front, I/II	Hz vpm	30/42 1,800/2,520
Amplitude, front, I/II	mm in	1,71/0,66 .067/.026
Centrifugal force, front, I/II	kN lbs	125/95 28,125/21,375

Steering

Oscillation angle +/-	°	10
Steering, type		Articulated steering

Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	123 32.5
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Sound level

Sound power level L(WA), guaranteed	db(A)	104
Acoustic power L(WA), measured	db(A)	103

EQUIPMENT

12 V outlets (double) | 2 large working and rear view mirrors | 3-point articulation | Trays | Anti-slip control | Fixture for cooler | ECO mode | Spring-mounted driver's seat with armrest and safety belt | Large angle of driving slope at front and rear | Hose protection on front vehicle | Maintenance points, central on one machine side | CE conformity | ROPS, rigid | Steering column adjustment | Lighting package as per road traffic regulations

OPTIONAL EQUIPMENT

ROPS cabin with heating and door on left, FOPS-approved (level I) | Safety belt monitoring device | Air conditioning | Radio | HCQ navigator | Protective roof | Dozer blade | Padfoot shell | HAMM Compaction Meter (HCM) | Speedometer | Automatic engine-off function | Telematics system, interface | Automatic vibration system | Working light | Rotating beacon | Battery isolation switch