

TB216
1.6-TONNE



**COMPACT
MINI EXCAVATOR**

EXCAVATING EXCELLENCE

takeuchi®
From World First to World Leader

TB216 compact mini excavator

The 1.6-tonne TB216 is one of the most popular mini excavators worldwide. A compact machine packed full of proven Takeuchi features including expanding tracks, smooth hydraulics and powerful breakout force.

A firm favourite with tool hirers, utilities, jobbing builders and ground workers, the TB216 cleans up to the blade and provides excellent footwell visibility for added safety on-site. Available as a cab or canopy.

The TB216 has excellent working ranges and a powerful engine for 1.6-tonne machine weight class.

The TB216 combines all the proven characteristics of Takeuchi excavators: smooth hydraulics and power performance, proven durability and high resale value, maximum operator comfort and serviceability.



OPERATOR COMFORT

The spacious cab has an easy gas lift-assist window that simply slides into the roof space.

Large adjustable arm rests help minimise operator fatigue.

Pilot controls combined with cushioned boom and swing cylinders, help reduce shock and vibrations for a smoother machine operation.



ROBUST FOR SITE

The fabricated steel boom and arm provide maximum strength.

The top mounted hydraulic boom cylinder and internally routed hoses help avoid potential site damage.

Simple lever from single to dual flow conveniently positioned at the front of the machine.



STAGE V 
<19kW READY



EXPANDABLE TRACK FRAME

A unique hydraulic expanding track frame adjusts from 980 to 1300mm gaining access in narrow spaces. Fitted with bolt on extensions. Added track width gives greater operating stability, with triple flanged rollers for reliable track retention.



TSS - TAKEUCHI SECURITY SYSTEM

The TB216 comes with **TSS** as standard. Includes 1 red master key and 3 black user keys. Can programme up to 13 user keys.



ENHANCED VISUAL DISPLAY UNIT

Enhanced VDU displays essential operator information



EASY SERVICE ACCESS & MAINTENANCE

Service door for easy access to engine, hydraulic coolers and fuel.

Standard service features include: safe drain engine oil system, fuel gauges in-cab and at filler, hydraulic oil cooler and maintenance-free battery.



Removable floor and side panel for greater access to hydraulic control valve and piping.

Under seat component access - the battery and electrical components are conveniently located under the operator seat.

The TB216 cab has flat glass panels, an affordable replacement if damaged.

COMPATIBLE BREAKER

The TB216 is compatible with a Takeuchi TKB52-S sound suppressed hydraulic breaker.

Designed to meet the requirement for quieter operating environments.



STANDARD FEATURES

(see website for the complete features list)

OPERATOR STATION

- All steel Cab/Canopy (ROPS/ TOPS/ OPG)
- Adjustable seat with retracting seat belt
- Adjustable armrests
- In-cab drinks holder
- In-cab radio with stereo speakers MW/FM/ USB/ Bluetooth
- Gas lift-assist window slides into recess
- In-cab multi-vent heater/de-mister
- Foot rests, offset and auxiliary foot pedal

ELECTRICAL

- Cab - USB & 12V socket
- Canopy - 12V socket
- Cab - roof beacon power socket - 12V
- Travel Alarm
- Workzone lighting

ENGINE

- Stage V Ready < 19kW low emission
- Easy access service check points
- Dual fuel filtration with water trap
- Dual element air filters
- Service interval - 250 hours



HYDRAULICS

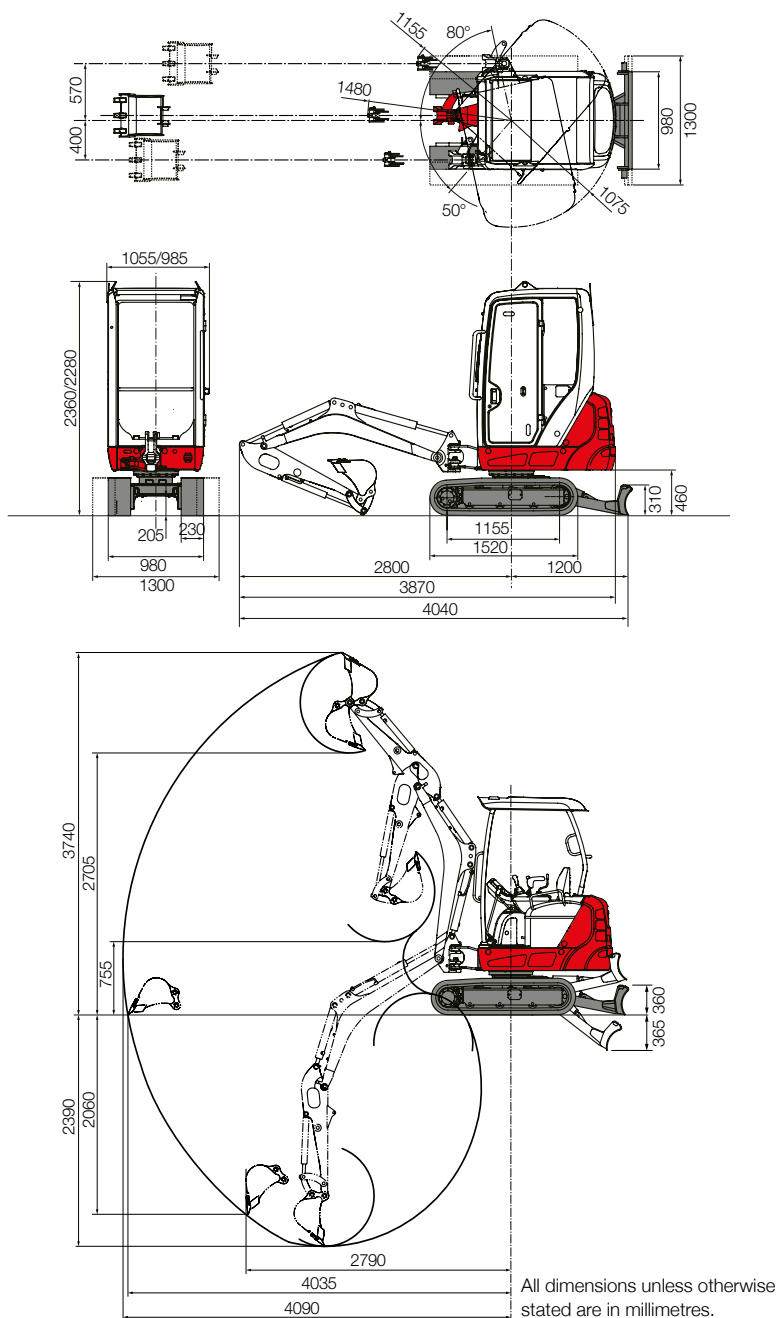
- Variable displacement piston pumps
- Cushioned boom and swing cylinders
- Top mounted boom cylinder
- Well protected internally routed hydraulic hoses
- Easy access 1-way/ 2-way flow selector valve at front of machine
- Aux with independent isolation valves
- Steel hydraulic tank with fluid level sight gauge
- Aux ports: 1st standard, 2nd & 3rd optional

UNDERCARRIAGE AND FRAME

- Expandable track frame 980-1300mm
- Load sensing 2-speed travel with auto-shift
- Triple flanged track rollers & sealed bearings
- Adjustable width dozer blade with on-board bolt-on extensions.



TB216 COMPACT MINI EXCAVATOR



TB216

Standard UK Specification - Long Arm / Rubber Tracks

Engine	
Make	YANMAR
Model	3TNV70
Rated Output (kW)/rpm	11.5 / 2400
Maximum Torque (Nm)	52.7
Cylinders	3
Displacement (cc)	854
Electrical System	12v 45A

Dimensions & Weight	
Op. Weight (bucket, hitch, fuel) kg cab/canopy	1817 / 1697
Overall Length (mm)	3870
Width cab/canopy (mm)	1055 / 985
with extended track (mm)	1300
Height cab/canopy (mm)	2360 / 2280
Ground Clearance (mm)	205
Min. Front Swing Radius (mm)	1480
Tail Swing Radius (mm)	1075
Dozer Blade (W x H) (mm)	980 / 1300 x 310

Operating Information	
Max Digging Depth (mm)	2390
Max Dump Height (mm)	2705
Max Reach at Ground Level (mm)	4035
Max Vertical Digging Depth (mm)	2060
Max Bucket Digging Force (kN)	14
Max Arm Digging Force (kN)	8.2

Hydraulic System	
Set Pressure (bar)	210
Pump Type	Variable x 2 + Gear x 2
1st Aux Max Flow l/min	33
Pressure bar	210
2nd Aux Max Flow l/min	10
Pressure bar	200

Swing System	
Boom Swing Angle (L/R)	80° / 50°
Slew Speed (rpm)	9.2
Slew Motor	Trachoid Gear

Undercarriage	
Traction Motor	Piston
Traction Drive	Epicyclic Gearing
Traction Brake	Disc
Track Width (mm)	230
Ground Contact Length (mm)	1155
Ground Pressure (kPa)	31
Travel Speed (km/h)	2.2-4.2
Maximum Gradeability	15°

Capacities	
Hydraulic System (l)	24.5
Fuel Tank (l)	22
Engine Lubrication (l)	2.8
Cooling System (l)	3.8

Health & Safety	
Noise / Sound Power Level (LwA)	93 dB
Vibration Hand Arm / Body m/sec²	≤2.5 / ≤0.5

**2 YEAR
2,000 HOUR**

WARRANTY*

Takeuchi machines come with a 2 year/2000 hours warranty as standard. Before fitment of a hydraulic attachment, machine auxiliary pressure and flow should be accurately measured.

In accordance with our established policy of constant improvement, we reserve the right to amend these specifications at any time without notice. Photographs shown may feature non-standard equipment.

11/2023

For more information locally contact:



SCAN ME

To find your
local dealer

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