

WEIGHT CLASS

1.6 TONNE

| TB216 |



COMPACT EXCAVATOR

Now available as a Plug-In Hybrid

TAKEUCHI
Japanese for Reliability

TB216 compact mini excavator

The Takeuchi TB216, 1.6 tonne mini excavator 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.

Designed for maximum dig depth and dump height the TB216 has excellent working ranges and a powerful engine for 1.6 tonne machine weight class.



ROBUST FOR SITE

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

Simple lever from single to dual flow at the front of the cab.



OPERATOR COMFORT

The large best in-class spacious cab has an easy gas strut assisted window, simply slides into the roof space.

Large adjustable arm rests help minimise operator fatigue.

COMPATIBLE BREAKER

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

Designed to meet the requirement for quieter operating environments.



PROVEN EXPANDABLE TRACK FRAME

With double flanged rollers for reliable track retention. A unique expanding track frame adjusts from 980 to 1300mm gets access in narrow openings. Added track width gives greater operating stability.





ENHANCED VISUAL DISPLAY UNIT

Enhanced VDU displays key operator information and machine maintenance alerts.



EASY SERVICE ACCESS & MAINTENANCE

Enhanced 100% steel wraparound frame protects key components.

Service door for easy radiator access, fuel filter and maintenance.

Flat glass panels are an affordable replacement when damaged.

Side access panels get maximum access.



Under seat component access- the battery and electrical components are conveniently located under the operator seat. 12 volt power sockets with two on cab model.

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



OPERATOR STATION

- Cab or Canopy (ROPS / TOPS / OPG)
- Cast Iron Wrap Around Protective Counterweight
- Multi-Informational Display
- Cab with Skylight
- Multi Adjustable Seat & Armrests
- 12V Power Outlet

ELECTRICAL

- Visual Indicator for Engine Preheat, High Speed, Water Temp and Fuel Gauge
- Function Keys Transition Between Hour / Trip Meter, Time and Alarm, and Contrast Adjustment Sealed Rocker Switches
- Hour Meter
- Travel Alarm
- Boom & Roof Working Lights
- TFM (Takeuchi Fleet Management) (optional)*
- TSS (Takeuchi Security System Immobilizer) one red master and 3 black users keys

ENGINE

- Stage V <19kW Engine
- Engine Preheat
- Extended Life Coolant
- Dual Element Air Filters
- Automatic Fuel Bleed System
- Easy access centrally located service check points

HYDRAULICS

- Top Mount Boom Cylinder
- Cushioned Boom and Swing Cylinders
- Steel Hydraulic Tank with Fluid Level Sight Gauge
- Variable Displacement Piston Pumps

UNDERCARRIAGE & FRAME

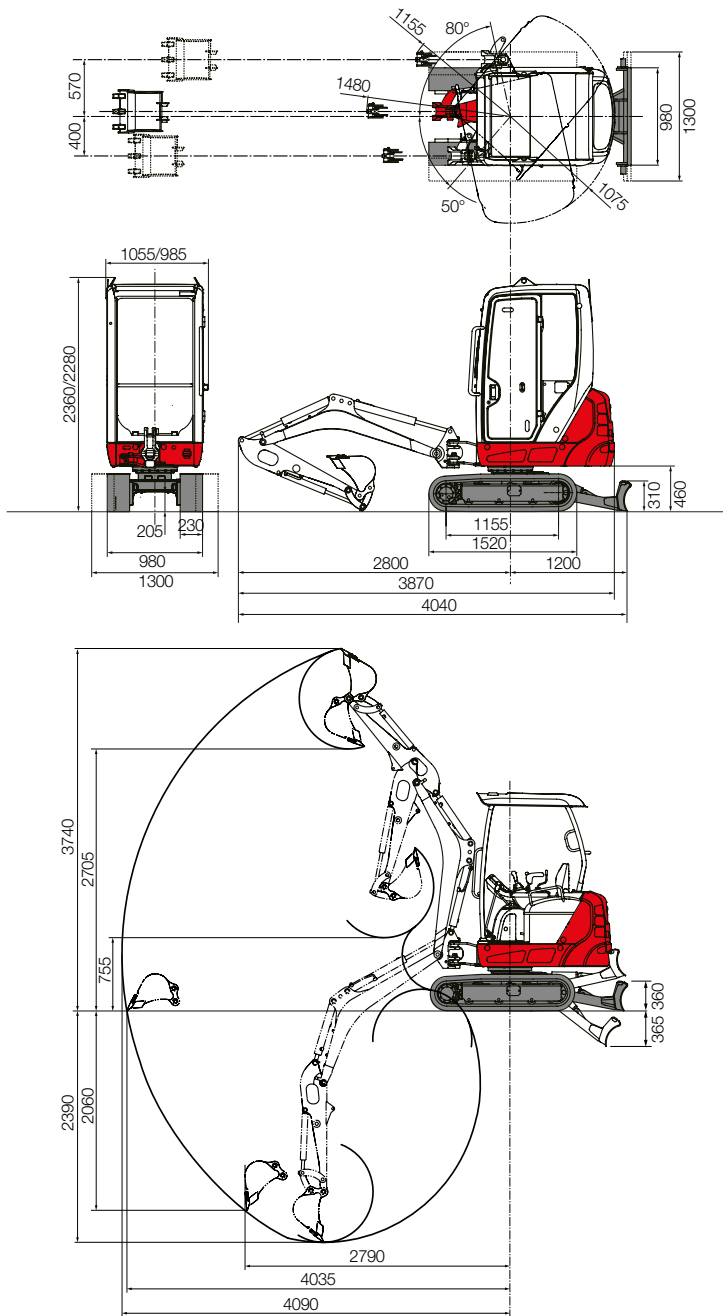
- Low and High Range Travel with Auto Downshift
- Hydraulically Retractable Track Frame
- Triple Flanged Track Rollers
- Easy tension grease filled track adjusters
- Adjustable Width Backfill Blade



STAGE V ✓
READY
<19kW

AVAILABLE AS
PLUG-IN
HYBRID





TB216

Standard UK Specification - Long Dipper

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 40A

Dimensions & Weight	
Operating Weight inclusive of bucket and fuel: cab/canopy (kg)	1800 / 1680
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)	900 / 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 (R/L)	50° / 80°
Slew Speed (rpm)	9.2

Undercarriage	
Traction Motor	Piston
Traction Drive	Epicyclic Gearing
Traction Brake	Disc
Track Width (mm)	230
Ground Contact Length (mm)	1155
Ground Pressure (kpa)	31 / 29.4
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

All dimensions unless otherwise stated are in millimetres.

**2 YEAR
2,000 HOUR
WARRANTY***

Takeuchi machines come with a 2 year/2000 hours warranty as standard. Warranty exceptions to 1 year: fuel injection systems, electrical components, paint work and *emission control items. (*applicable models).

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.

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