

WEIGHT CLASS
1.7 TONNE
| TB217R |



SHORT TAIL SWING EXCAVATOR



takeuchi
From World First to World Leader

New TB217R short tail swing mini excavator

Takeuchi introduce the new TB217R, a compact 1.7 tonne short tail swing mini excavator.

The TB217R is a versatile compact mini that works in the tightest spaces with a very short working slew radius of just 730mm, offering an excellent alternative for tool hire, utilities, light landscaping and jobbing builders.

The TB217R is designed with a longer dipper arm and track frame to provide excellent working ranges for a 1.7 tonne machine weight class; maximum dig depth 2390mm and dump height 2545mm.



ROBUST FOR SITE

The fabricated steel boom and dipper provide maximum strength.

The top mounted hydraulic cylinders and internally routed hoses provide added on-site protection.



EXPANDABLE TRACK FRAME

A unique expanding track frame adjusts from 980 to 1300mm getting access in narrow spaces.

Added track width gives greater operating stability.

The TB217R has double flanged rollers for reliable track retention.





EASY ACCESS & MAINTENANCE

Full width service door for easy radiator access, fuel filter and maintenance. High capacity 22 litre fuel tank. A removable floor plate allows access to the main control valve.

The 12V battery is conveniently located below the seat. Easy access and setup with 1/2-way breaker valve located below the operator seat, in lockable service panel. Convenient storage for tool bag and grease gun.



EASY TO OPERATE & REDUCED TAIL SWING

The TB217R offers operators a compact easy to operate mini with built in colour VDU and comfortable operator seat. The breaker auxiliary is foot pedal operated.

Offering excellent accessibility the TB217R with just 730mm slew radius and a compact rear side, will work close up to walls without any potential machine damage. The TB217R has just 70mm overhang at 90° to extended track.

OPERATOR STATION

- Canopy (ROPS / TOPS / OPG)
- Secure-sure lifting points on all steel roof
- Multi information display
- Adjustable seat and arm rests
- Folding foot travel pedals
- Footrests and foot controlled offset

ELECTRICAL

- Power socket below the seat – 12V
- Switched roof beacon socket – 12V
- Visual indicator for engine preheat, high speed, water temp & fuel gauge
- Function keys - hour / trip meter, time / alarm, contrast adjustment
- Travel Alarm
- Boom & roof working lights

ENGINE

- Stage V <19kw - low emission
- Engine preheat
- Dual element air filters
- Automatic fuel bleed system
- Service interval - 250 hours

• HYDRAULICS

- Top mounted cushioned boom and swing cylinders
- Automatic slew brake
- Internally routed hydraulic hoses
- Selector valve below the seat
- Auxiliary 1& 2-way operation and twin isolation valves

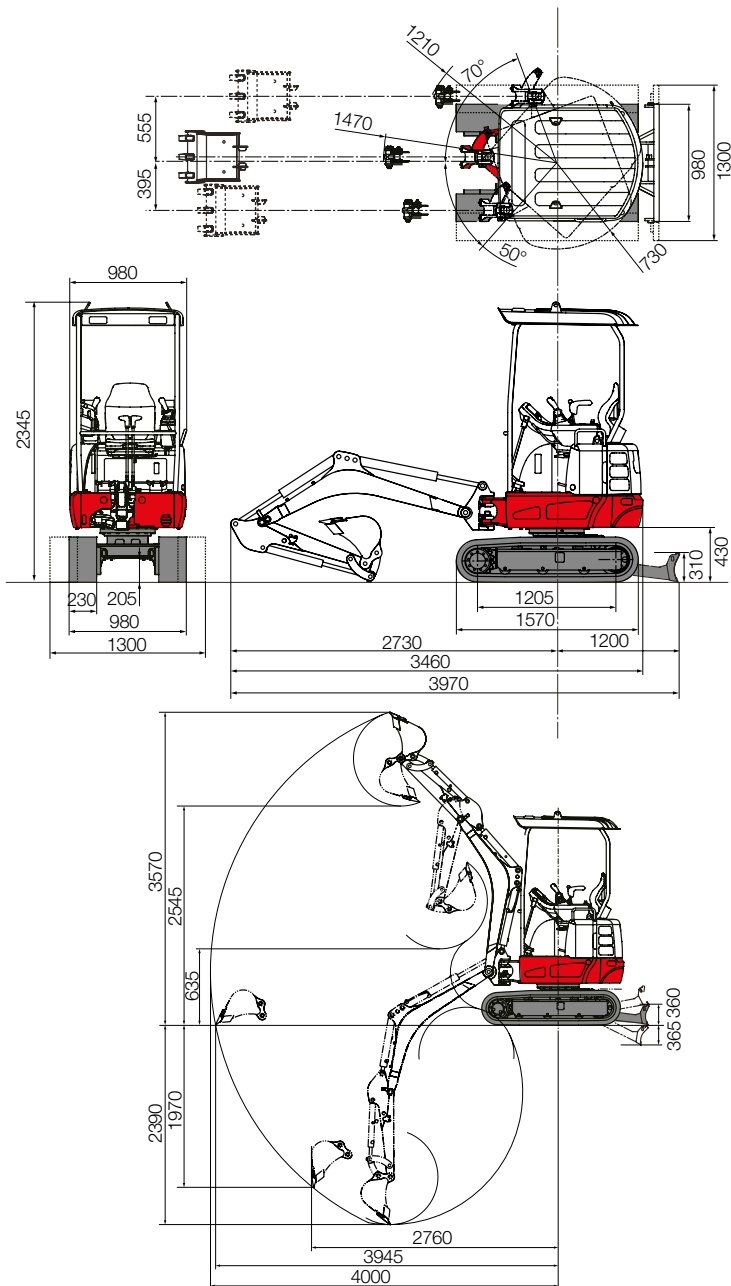
UNDERCARRIAGE & FRAME

- Hydraulically Retractable Track Frame (980 mm to 1300 mm)
- Longer than average tack frame
- Automatic load sending 2-speed travel
- Triple flanged track rollers
- Easy tension grease filled track adjusters
- Tool-free adjustable width dozer blade



STAGE V ✓
<19kW READY





All dimensions unless otherwise stated are in millimeters.

TB217R

Standard UK Specification - Long Dipper

Engine	
Make	YANMAR
Model	3TNV70-PTB1R
Rated Output (kW)/rpm	11.5 / 2400
Maximum Torque (Nm)	52.6
Cylinders	3
Displacement (cc)	854
Electrical System	12V 48A
Dimensions & Weight	
Operating Weight inclusive of bucket and fuel (kg)	1680
Overall Length (mm)	3460
Overall Length dozer at rear (mm)	3970
Width cab/canopy (mm)	980
with extended track (mm)	1300
Height cab/canopy (mm)	2345
Ground Clearance (mm)	205
Min. Front Swing Radius (mm)	1470
Tail Swing Radius (mm)	730
Operating Information	
Max Digging Depth (mm)	2390
Max Dump Height (mm)	2545
Max Reach at Ground Level (mm)	3945
Max Vertical Digging Depth (mm)	1970
Max Bucket Digging Force (kN)	14
Max Arm Digging Force (kN)	8.2
Hydraulic System	
Main System Pressure (bar)	210
Pump Type	Variable + Double Gear
1st Auxiliary Maximum Flow (l/min) / Pressure (bar)	33 / 210
*2nd Auxiliary Maximum Flow (l/min) / Pressure (bar)	10 / 200
Swing System	
Boom Swing Angle (R/L)	70° / 50°
Slew Speed (rpm)	9.2
Slew Motor	Trachoid Gear
Slew Brake	Wet Friction Plate
Undercarriage	
Traction Motor	Piston
Traction Drive	Planetary
Traction Brake	Disc
Track Width	230
Ground Contact Length (mm)	1205
Ground Pressure (kpa)	27
Travel Speed (km/h)	2.2-4.2
Maximum Gradeability	15°
Capacities	
Hydraulic System (l)	24
Fuel Tank (l)	22
Engine Lubrication (l)	2.8
Cooling System (l)	3.9

OPTIONS: Hydraulic breaker, hitches, buckets.

*Factory fitted option - 2nd, & 3rd Auxiliary and change over valve.

**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.

05/2021

For more information locally contact:

Takeuchi Mfg (UK) Ltd, Unit E2B Kingsway Business Park,
John Boyd Dunlop Drive, Rochdale, Lancashire OL16 4NG
Tel: 01706 657 722 Email: info@takeuchi-mfg.co.uk
www.takeuchi-mfg.co.uk



TAKEUCHI
From World First to World Leader