

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 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 arm 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.

The expanded width and the longer track frame gives greater operating stability.

With extendable dozer blade with quick bolt-on extensions.





EASY ACCESS & MAINTENANCE

The full width service access door gives greater service, cleaning and maintenance access, with hinged and lockable panels.

The battery, fuel, air and oil filters all localised to minimise service and daily check times. A removable floor plate for greater access to the hydraulic control valve and piping.

Double flanged track rollers and easy adjust track tension with grease filled track adjusters, gives reliable track retention.

COMPATIBLE BREAKER

The TB217R is compatible with a Takeuchi TKB52-S sound suppressed hydraulic breaker. Designed to meet the requirement for quieter operating environments.



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 will work close 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 lifting points on all steel roof
- Multi-information display
- Adjustable seat and arm rests
- Foot rests and foot controlled offset
- All service doors are hinged and lockable.

ELECTRICAL

- 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 with water trap
- Automatic fuel bleed system
- Service interval - 250 hours

HYDRAULICS

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

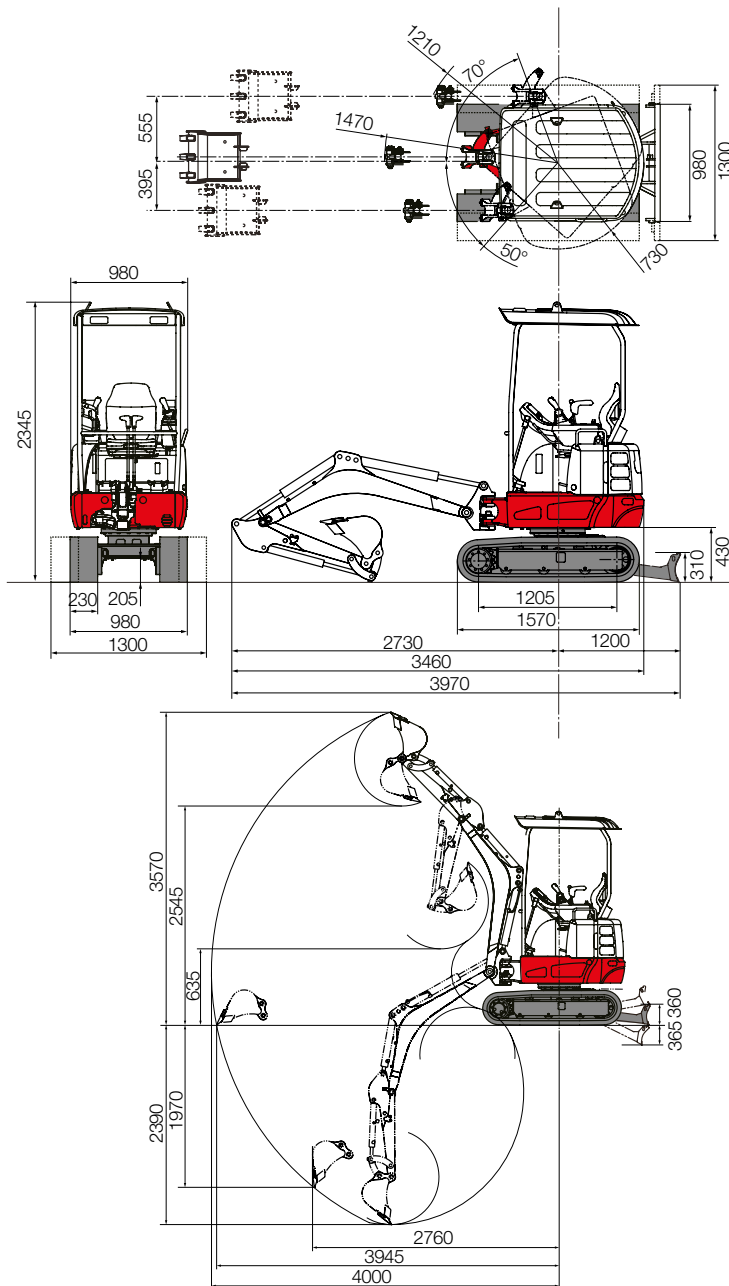
UNDERCARRIAGE & FRAME

- Hydraulically retractable track frame (980mm to 1300mm)
- Longer than average track frame
- Automatic load sensing 2-speed travel
- Triple flanged track rollers
- Easy tension grease filled track adjusters
- Adjustable width dozer blade with bolt-on extensions



STAGE V ✓
<19kW READY





All dimensions unless otherwise stated are in millimeters.

TB217R

Standard UK Specification - Long Arm

Engine	
Make	YANMAR
Model	3TNV70
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
Width cab/canopy with extended track (mm)	1300
Height cab/canopy (mm)	2345
Ground Clearance (mm)	205
Min. Front Swing Radius (mm)	1470
Slew 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 x 2 + Gear x 2
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: *Factory fitted - 2nd/3rd Auxiliary and changeover valve. Hydraulic breaker, hitches, buckets.

**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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