

TB175

Standard UK Specification - Long Dipper/Rubber Tracks

Engine	
Make	Yanmar
Model	4TNV98-ZQTB
Rated Output (kW/rpm)	45/2300
Maximum Torque (Nm)	242
Cylinders	4
Displacement (cc)	3318
Electrical System	12volts 40amp

Dimensions & Weight	
Operating Weight inclusive of bucket and fuel (kg)	7400
Overall Length (mm)	7125
Width (mm)	2150
Height (mm)	2615
Ground Clearance (mm)	385
Min. Front Swing Radius (mm)	1870
Tail Swing Radius (mm)	1720
Dozer Blade (W x H) (mm)	2150 x 500

Operating Information	
Max Digging Depth (mm)	4610
Max Dump Height (mm)	5230
Max Reach at Ground Level (mm)	7245
Max Vertical Digging Depth (mm)	3855
Max Bucket Digging Force (kN)	52.7
Max Arm Digging Force (kN)	36.7

Hydraulic System	
Set Pressure (bar)	280
Pump Type	Variable(P1+P2) +Gear(P3+P4)
Hydraulic Flow (l/min)	69.3x2+53.1+10.7
Auxiliary Flow (l/min)	110

Swing System	
Boom Swing Angle (L/R)	80°/50°
Slew Speed (rpm)	8/10.9
Slew Motor	Axial Piston
Slew Brake	Disc

Undercarriage	
Traction Motor	Axial Piston
Traction Drive	Planetary
Traction Brake	Disc
Track Width (mm)	450
Ground Contact Length (mm)	2210
Ground Pressure (kpa)	33
Travel Speed (K/ph)	3/5.5
Maximum Gradeability	35°

Capacities	
Hydraulic System (l)	135
Fuel Tank (l)	120
Engine Lubrication (l)	10.2
Cooling System (l)	12

All dimensions unless otherwise stated are in millimetres



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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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Japanese for reliability

FULLY HYDRAULIC
COMPACT
EXCAVATOR

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TB175 Compact Excavator - powerful performance

The largest of Takeuchi's conventional compact midi excavators.

The TB175 has an operating weight of 7400kg - making it ideal for the larger jobs. Powered by a smooth, reliable and powerful 45kW, diesel engine it punches far more than it's weight with a dig depth of 4610mm.

Operator comfort is at the forefront with an isolation mounted cab complete with heater, FM/AM Radio and plenty of other features to make an ideal working environment.

ASSISTED FRONT SCREEN

Good visibility all around the cab gets maximum performance and built-in protection for the operators.

A retractable front window with removable lower section provides added access and comfort.



EASY TO DRIVE

Well positioned drive controls and instruments enhance operator performance. Roomy foot controls make driving easier for all sizes of operators.

For ultimate safety the TB175 comes fitted with added features - Servo assisted hand and foot controls and two speed tracking assist operation on site.

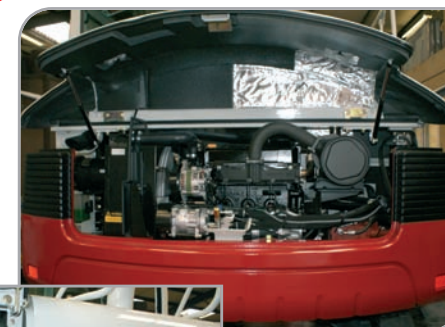


OPERATOR COMFORT

A roomy spacious cab gets maximum comfort for operators.

Isolated mounted cab gets good positioning and added comfort with heater, demister, windscreen wiper and washer, AM/FM radio.

Sliding operators station with fully adjustable suspension seat and head rest.



EASY ACCESS & MAINTENANCE

Service access on the machine is simple, with access points to the battery, air and fuel filters, engine and radiator.

PERFORMANCE

- Simultaneous operation of cab swing and digging functions with no reduction in working speed.
- Automatic arm and boom hoist acceleration.
- Two speed tracking.
- Straight travel with simultaneous operation of digging and swing functions.
- Two speed travel with automatic shift down.
- Servo assisted hand and foot operated travel controls.
- Short pitch rubber tracks.

OPERATION

- Two-way auxiliary hydraulics plumbed to dipper arm.
- Electronically controlled engine speed with three operating modes.
- Pilot operated joystick controls with arm rests.
- Sliding operators station with fully adjustable suspension seat and head rest.

SAFETY & SERVICE

- Electronic engine monitoring.
- Automatic fuel bleed system.
- Remote slew lubrication system.
- Vandalism protected lockable fuel tank and engine compartment.
- Hydraulic oil cooler.
- Engine oil Safe Drain system.
- Re-fueling pump as standard.
- All Takeuchi machines come with a 2 year/2000 hrs warranty as standard.

OPTIONS

- Air Con
- QuickHitch
- Steel tracks
- TKB301 Hydraulic Breaker
- Auger

Takeuchi 7.5 tonne machines provide powerful excavating force on site.

Enormous dig depth to 4610mm alongside 7245mm maximum reach at ground level provides enhanced application performance.

Large excavators require a powerful breakout performance and rugged tracking ability on the toughest site conditions and roughest terrain.

With a reputation for reliability, Japanese build quality makes all the difference.

With 52.7kN bucket breakout force and 45kW rating, the TB175 provides a powerful operating ability.

A versatile TB175 operates comfortably above its 7.5t rated status. Offset boom performance both left and right gets operators into tight working areas whatever the environment - quarries, demolition, groundworks and streetworks.

