

TB250 Excavator



All Takeuchi excavators share our commitment to the highest standards in quality and performance. They are the product of extensive research, field testing, evaluation and refinement. The specifications and features make the TB250 reliable to own, comfortable to operate and a performance leader on the job.

We feature an industry leading 2-year/2000 hour FULL machine warranty as standard.

An optional P3 Power Protection Plan provides peace of mind with selectable coverage levels for Powertrain, Powertrain and Hydraulics, or a no deductible, full machine plan.

When you invest in a Takeuchi, you receive over five decades of equipment innovation, the quality assurance of ISO-9001 certification and responsive after sales support from an industry leader.

Try a Takeuchi and feel the power.

TAKEUCHI[®]
The Power of Product and Support

TB250 Excavator

OPERATING PERFORMANCE

Operating Weight (w 165 lb operator)	Canopy 10,650 lb (4,829 kg)
Standard machine with bucket and rubber tracks	Cab 10,950 lb (4,966 kg)
Maximum Digging Depth	12 ft 5 in (3,785 mm)
Maximum Dump Height	13 ft 8 in (4,175 mm)
Maximum Digging Radius	19 ft 8 in (5,995 mm)
Maximum Bucket Digging Force	11,031 lb (5,003 kg)
Maximum Arm Digging Force	5,148 lb (2,335 kg)
Arm Length	5 ft 9 in (1,760 mm)
Traction Force (lbs)	12,615 lb (5,722 kg)
Sound Level (noise)	77 dB(A)

ENGINE

Make/Model	Yanmar 4TNV88
Cylinders/Displacement	4/133 cu in (2.1L)
Horsepower Gross (SAE J1995)	39.7 hp (29.6 Kw)
Horsepower Net (SAE 1349)	38 hp (28.4 Kw)
Rated Engine Speed	2400 rpm
Maximum Torque	105 ft·lb @ 1440 rpm (142.8 Nm)
Engine Lubrication	7.8 qt (7.4L)
Cooling System	13.1 qt (12.4L)
Fuel Tank Capacity	19.5 gal (74L)
Fuel Consumption (65% of full load)	1.2 gal/hr (4.5L/hr)
Electrical System	12 volts / 40 amps

UNDERCARRIAGE

Traction Drive Type	Hydrostatic drive system with automatic shift down	
Parking Brake	Spring applied, hydraulically released, multiple wet friction disk	
Track Roller Type	Large, permanently sealed rollers with precision metal face seals	
Track Rollers (per side)	5	
Track Width	15.7 in (400 mm)	
Track Ground Contact Length	78.1 in (1985 mm)	
Ground Pressure	Canopy	Cab
	3.9 psi	4.0 psi
Maximum Travel Speed		
Low Range	1.7 mph (2.8 km/hr)	
High Range	3.2 mph (5.2 km/hr)	

HYDRAULIC SYSTEM

Pump Type	Twin variable displacement piston pumps with two gear pumps	
Total Hydraulic Flow (gpm)	15.4 x 2 + 10.3 x 1 + 2.8 x 1	
Auxiliary Hydraulic Flow	15.4 gal/min (58.3L/min)	
Auxiliary Hydraulic Pressure (adjustable)	3000 psi (20,684 kPa)	
Hydraulic Reservoir Capacity	13.7 gal (52L)	
Hydraulic System Capacity	23.2 gal (88L)	

DIMENSIONS

Max Dig Depth	12 ft 5 in (3785 mm)	
Max Dump Height	13 ft 8 in (4175 mm)	
Max Reach Ground Level	19 ft 8 in (5995 mm)	
Max Vertical Dig Depth	9 ft 10 in (2990 mm)	
Max Dig Depth with 2 ft Flat Bottom	12 ft 5 in (3782 mm)	
Max Dig Depth with 8 ft Flat Bottom	11 ft 2 in (3401 mm)	
Width	6 ft (1840 mm)	
Height	8 ft 3 in (2515 mm)	
Length (Transport)	18 ft 3 in (5550 mm)	
Ground Clearance	13 in (335 mm)	
Min Front Swing Radius (Boom 80° left)	5 ft 8 in (1740 mm)	
Dozer Blade Height	17 in (430 mm)	
Tail Swing Radius	4 ft 8 in (1435 mm)	

Lift Capacities at 9 ft 10 in (3.0m) radius	over front, Blade down	over side
+6.6 ft (2.0 m)	2948 lb (1337 kg)	2561 lb (1161 kg)
Ground Level	4735 lb (2148 kg)	2175 lb (987 kg)
-3.3 ft (1.0 m)	4621 lb (2096 kg)	2128 lb (965 kg)

FEATURES

- Thumb mounting bracket
- Tilt-up operator's platform
- Quick Change control pattern selector valve
- Six-way adjustable suspension seat with adjustable arm rests
- Standard safety features include: ROPS/FOPS/TOPS 4-post canopy, travel alarm, retractable seat belt, two front mounted work lights, and safety lockout feature for the operating controls
- Interim Tier 4 compliant engine that is efficient and quiet
- One touch engine decelerator
- Electronic engine monitoring system
- Automatic fuel bleed system
- Emergency return-to-idle system
- Heavy duty, side-by-side radiator/hydraulic oil cooler
- Two speed travel with automatic shift down
- Triple flanged track rollers
- Straight travel with simultaneous operation of digging and swing functions
- Increased traction force
- Electrohydraulic push button control of auxiliary hydraulics
- Two-way auxiliary hydraulics plumbed to arm
- Variable displacement piston pumps
- Precise and responsive, proportional pilot joystick controls
- Simultaneous operation of cab swing and two digging functions with no reduction in working speed
- Optional angle blade with float
- Cast iron, wrap around protective counter-weight
- Hydraulic and fuel sight gauges
- Remote lubrication of slew and boom swing cylinders
- Cushioned main boom, arm and swing cylinders
- Main boom cylinder guard
- Vandalism protected lockable fuel tank and engine compartments
- Lockable operator's manual and tool storage compartments
- Protective routing of hydraulic hoses
- O-ring and grease seals installed on bucket pins
- Tie down points integrated into the frame

Optional isolation mounted enclosed cab with heater, high capacity air conditioning, climate controlled cup holders, storage compartments, deluxe AM/FM radio with Mp3 jack and retractable front window with cylinder assisted lift