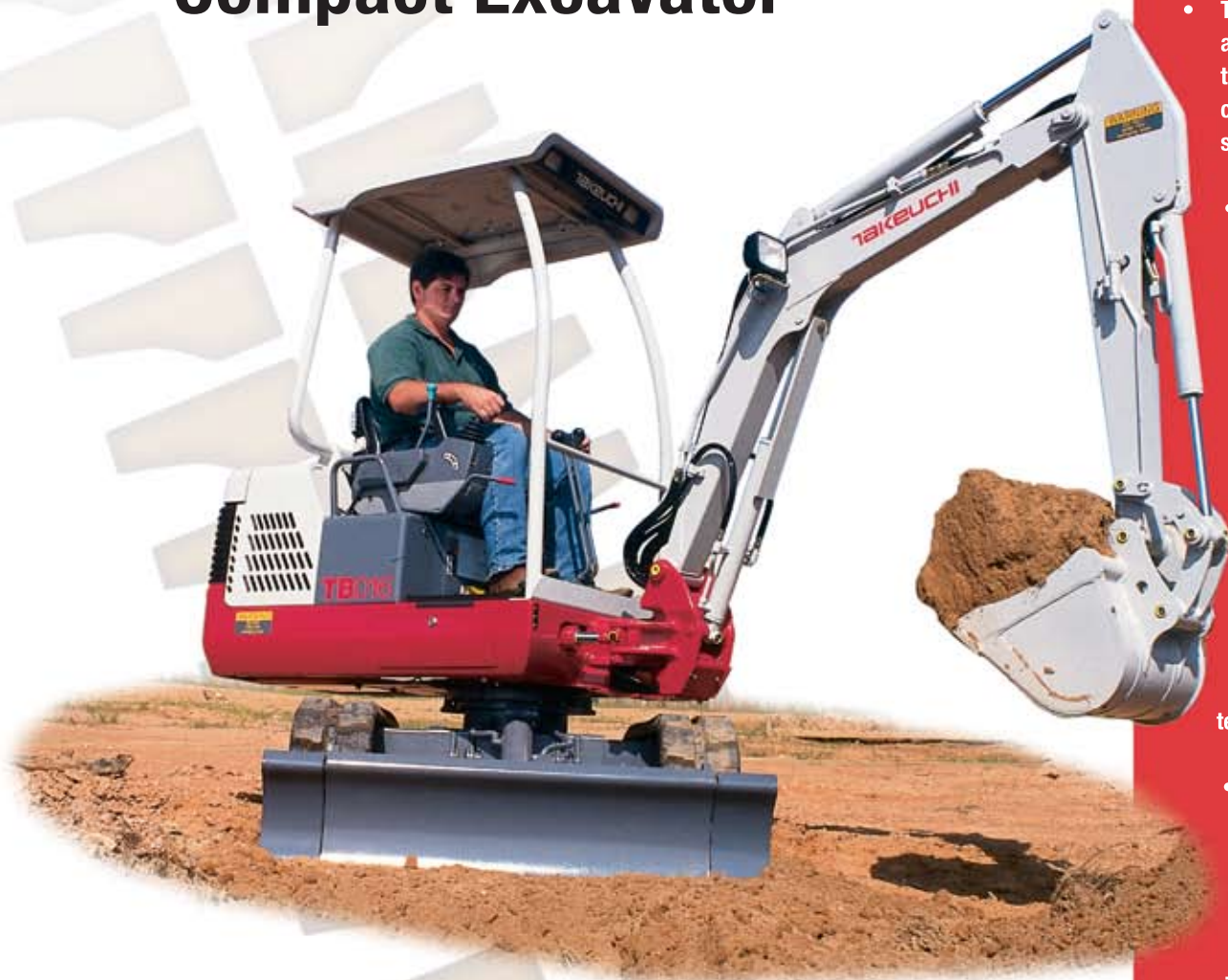


TAKEUCHI®

TB016

Compact Excavator

- Operating Weight: 3,524 lbs.
- Maximum Digging Depth: 7' 10"
- Bucket Digging Force: 4,079 lbs.



- Track frame hydraulically adjusts from 39" for travel through narrow openings to 51" for stability
- Control pattern selector valve allows for quick change of operating controls between ISO and SAE patterns to accommodate operator preferences
- Emergency engine shutdown system helps protect the engine from damage due to low oil pressure or high coolant temperature
- Cast iron, wrap-around counterweight protects the engine compartment from damage when working in confined areas
- Automatic fuel bleed system eliminates the downtime and service calls required to bleed conventional fuel systems
- Variable displacement piston pumps efficiently utilize engine horsepower while continuously adjusting power and speed for fast cycle times

▶ All **TAKEUCHI** excavators and loaders share our commitment to the highest standards in quality and performance. Look beyond the specifications of the **TB016** and you will find a rich set of features which make the **TB016** reliable to own, comfortable to operate and a performance leader on the job.

When you invest in a **TAKEUCHI**, you receive over 5 decades of compact track equipment innovation, the quality assurance of ISO-9001 certification and responsive after sales support from a specialized industry leader.

Try a **TAKEUCHI** today and experience the difference for yourself.

TAKEUCHI® TB016

Compact Excavator

standard features

- Hydraulically expandable track frame
- Adjustable width dozer blade
- Quick change control pattern selector valve
- Emergency engine shutdown system
- Electronic engine monitoring system
- Cast iron, wrap around protective counterweight
- Automatic fuel bleed system
- Variable displacement piston pumps
- Travel alarm
- Safety lockout lever for travel and operating controls
- Remote slew lubrication system
- Two-way auxiliary hydraulics plumbed to dipper arm
- Low and high range travel speeds
- Triple flanged track rollers
- Spring applied, hydraulically released disc type parking brakes
- Precise response, proportional main control valves
- Simultaneous operation of cab swing and two digging functions with no reduction in working speed
- Cushioned main boom and swing cylinders
- Hydraulic oil cooler
- Protective routing of bucket, arm and auxiliary hydraulic hoses
- Adjustable pilot operated joystick controls with armrest
- Main boom cylinder guard
- Hydraulic and fuel sight gauges
- Low noise level and EPA exhaust emission compliant engine
- O-ring and grease seals installed on bucket pins
- Maintenance free battery
- TOPS/FOPS 4-post canopy
- Uncluttered operators platform with hand and foot operated travel controls
- Vandalism protected lockable fuel tank and engine compartment
- Lockable operator's manual and tool storage compartments
- Canopy and boom mounted work lights

Expandable Track Frame



Walk-Thru Operator's Compartment

▶ dimensions & weight	
Operating Weight (lbs.)	3,524
Length (transport)	12'5"
Width	3'3"/4'3"
Height	7'5"
Ground Clearance	8.1"
Min. Front Swing Radius (90° boom swing)	3'3"
Tail Swing Radius	3'7"
Dozer Blade (w/h)	(3'3" / 4'3") / 11.8"
▶ engine	
Make/Model	Yanmar 3TNV70-STB
Horsepower/RPM (SAE 1349 gross)	13.5 / 2,200
Maximum Torque (ft.-lb./rpm)	38 / 1,600
Cylinders/CID	3 / 52.1
Fuel Consumption (65% of full load) gal./hr.	0.50
Electrical System (volt/amp)	12 / 40
▶ swing system	
Independent Boom Swing Angle (degrees L/R)	90° / 50°
Swing Speed (rpm)	9.0
Swing Motor	Geroller
Swing Reduction	Straight Drive
Swing Brake	Disc
▶ operating information	
Max. Dig Depth	7'10"
Max. Dump Height	9'4"
Max. Reach at Ground Level	12'9"
Max. Vertical Dig Depth	6'3"
Max. Dig Depth w/ 2 ft. Flat Bottom	7'8"
Max. Dig Depth w/ 8 ft. Flat Bottom	5'11"
Max. Bucket Dig Force (lbs.)	4,079
Max. Arm Dig Force (lbs.)	1,704

▶ lift capacities (lbs.) at 6'7" radius		
	over front, blade down	over side
+5 ft.	813	813
Ground level	1,552	1,459
-1.5 ft.	1,799	1,464
▶ undercarriage		
Traction Motor	Axial piston	
Traction Drive	Planetary	
Traction Force (lbs.)	3,801	
Traction Brake	Disc	
Track Rollers (per side)	3	
Carrier Roller (per side)	Slide	
Track Type	Rubber	
Track Width	9"	
Ground Contact Length	3'10"	
Ground Pressure (psi)	3.9	
Travel Speed (mph)	1.5/2.9	
Maximum Gradeability	25°	
▶ hydraulic system		
System Operating Pressure (psi)	2,844	
Pump Type	2 piston / 2 gear	
Hydraulic Flow (gpm)	4.33 x 2 / 2.67 x 1 / 1.8 x 1	
Auxiliary Flow (gpm)	8.7	
▶ capacities		
Hydraulic System (gal.)	8.85	
Fuel Tank (gal.)	5.5	
Engine Lubrication (qt.)	3.0	
Cooling System (qt.)	3.3	
Final Drives (qt.) each	0.37	

TAKEUCHI®

Keeping your business on track

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