TAKEUCHI ®

The Power of Product and Support

*A*ll 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 TB175 reliable to own, comfortable to operate and a performance leader on the job.

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.

TB175 Excavator

TB175 Excavator

- Wide angle independent boom swing combined with 360° cab swing allows for digging along walls, forms and other obstacles with no reduction in dig depth or visibility

- Heavy-duty dozer blade creates a stable working platform plus provides grading and backfilling versatility

- Emergency engine shut-down/return-to-idle system helps protect the engine from damage due to low oil pressure or high coolant temperature

- Control pattern selector valve allows for quick change of operating controls between SAE and ISO patterns to accommodate operator preferences

- Three full opening, ground level access panels offer quick service access

- Self-adjusting track system automatically adjusts tension, insuring proper track adjustment with no routine maintenance

- Isolation mounted cab with heater/defroster, air conditioning, windshield wiper and washer, AM/FM cassette radio and retractable front window with removable lower section

DIMENSIONS AND WEIGHT

Operating Weight (lbs) Rubber Tracks	17,230
Steel Tracks	17,515
Width	7'6"
Height	8'5"
Length (transport)	21'11"
Ground Clearance	14"
Min Front Swing Radius (80° boom swing)	6'2"
Tail Swing Radius	5'8"
Dozer Blade (w/h)	7'5" / 19.7"

SWING SYSTEM

Independent Boom Swing Angle (l/r)	80° / 50°
Swing Speed (rpm)	7.6 / 10.7
Swing Motor	Axial Piston
Swing Reduction	Planetary
Swing Brake	Disc

OPERATING INFORMATION

Max Dig Depth	15'2"
Max Dump Height	17'2"
Max Reach at Ground Level	23'9"
Max Vertical Dig Depth	12'8"
Max Dig Depth w/2 ft Flat Bottom	15'1"
Max Dig Depth w/8 ft Flat Bottom	14'1"
Max Bucket Dig Force (lbs)	15,311
Max Arm Dig Force (lbs)	7,507

HYDRAULIC SYSTEM

System Operating Pressure (psi)	3,989
Pump Type	2 piston / 2 gear
Hydraulic Flow (gpm)	18.3 x 2 / 14 x 1 / 2.8 x 1
Auxiliary Flow (gpm)	18.3

ENGINE

Make/Model	Yanmar 4TNV98
Hp/RPM (SAE 1349 gross)	58.3 / 2,100
Maximum Torque (ft-lb/rpm)	185 / 1,400
Cylinders/CID	4 / 202
Fuel Consumption (65% of full load) gal/hr	2.3
Electrical System (volt/amp)	24 / 40

UNDERCARRIAGE

Traction Motor Type	Axial Piston
Traction Drive Type	Planetary
Traction Force (lbs)	18,519
Traction Brake Type	Disc
Track Rollers (per side)	5
Carrier Roller (per side)	1
Track Type	Rubber/Steel
Track Width	17.7"/21.7"
Track Ground Contact Length	7'2"
Ground Pressure (psi) Rubber Tracks	4.6
Steel Tracks	4.91
Travel Speed (mph)	1.4 / 3.4
Maximum Gradeability	35°

LIFT CAPACITIES (lbs) AT 13' RADIUS

	over front, blade down	over side
+6.6 ft	4,645	3,605
Ground Level	6,389	3,264
-3.3 ft	6,452	3,204

CAPACITIES

Hydraulic System (gal)	34.9
Fuel Tank (gal)	31.7
Engine Lubrication (qt)	10.8
Cooling System (qt)	10.0
Final Drives (qt) each	1.6

STANDARD FEATURES

- Wide angle independent boom swing
- Quick Change control pattern selector valve
- Electrohydraulic push button and proportional control of auxiliary hydraulics
- Two speed travel with automatic shift down
- One touch engine decelerator
- Two-way auxiliary hydraulics plumbed to dipper arm
- Electronic engine monitoring system w/emergency shutdown/return-to-idle
- Cast iron, wrap around protective counter-weight
- Interchangeable steel or half pitch rubber tracks
- Spring applied, hydraulically released disc type parking brakes
- Automatic fuel bleed system
- Two front work lights, side mounted swing lights and rear work lights
- Simultaneous operation of cab swing and digging functions with no reduction in working speed
- Straight travel with simultaneous operation of digging and swing functions
- Travel alarm
- Remote lubrication of slew and boom swing cylinders
- Hydraulic oil cooler
- Pilot operated joystick controls with armrest
- Sliding operator's station with ten-way independently adjustable suspension seat and head rest
- Vandalism protected lockable fuel tank and engine compartment
- Three hinged ground level access covers
- Automatic arm and boom hoist acceleration
- Heavy duty dozer blade
- Pilot hand and foot operated travel controls
- Self adjusting track tension system
- Two speed cab rotation
- Isolation mounted cab with heater/defroster, air conditioning, windshield wiper and washer, AM/FM cassette radio and retractable front window with removable lower section

TAKEUCHI®