

COMPETITIVE COMPARISON

	Takeuchi TB250	Bobcat E50	Caterpillar 305D CR	John Deere 50D	Kubota KX057
Operating Performance					
Tail Swing Design	Conventional	Minimal	Minimal	Zero	Minimal
Operating Weight	10,650 lbs.	10,677 lbs.	11,012 lbs.	10,811 lbs.	12,150 lbs.
Maximum Bucket Digging Force	11,031 lbs.	9,442 lbs.	10,050 lbs.	8,273 lbs.	11,177 lbs.
Maximum Arm Digging Force	5,148 lbs.	6,452 lbs.	5,550 lbs.	5,401 lbs.	5,644 lbs.
Engine					
Engine Make	Yanmar	Kubota	Mitsubishi	Yanmar	Kubota
Engine Model	4TNV88	--	S4Q2	4TNV88	V2607
Horsepower Net	38.0 hp	48.8 hp	42.0 hp	38.1 hp	45.4 hp
Rated Engine Speed	2,400 rpm	2,200 rpm	--	2,400 rpm	2,200 rpm
Maximum Torque	105 ft-lb	--	--	--	--
Undercarriage					
Track Width	15.7"	--	16"	15.7"	15.7"
Track Ground Contact Length	6' 6.1"	--	--	6' 6.3"	6' 6.3"
Ground Pressure	3.9 psi	--	4.1 psi	4.1 psi	4.52 psi
Traction Force (Drawbar Pull)	12,615 lbs.	--	10,161 lbs.	--	14,480 lbs.
Maximum Travel Speed	3.2 mph	3.1 mph	2.8 mph	2.8 mph	3.1 mph
Hydraulic System					
Total Hydraulic Flow	44.9 gal.	--	31.7 gal.	33 gal.	39.4 gal.
Auxiliary Hydraulic Flow	25.6 gpm	20.0 gpm	18.5 gpm	22.5 gpm	19.8 gpm
Maximum System Pressure	3,000 psi.	3,045 psi.	3,553 psi.	--	--
Hydraulic Reservoir Capacity	13.7 gal.	--	12.7 gal.	13 gal.	11.9 gal.
Hydraulic System Capacity	23 gal.	--	21 gal.	--	20.9 gal.
Dimensions and Specifications					
Width	6' 0"	6' 5"	6' 6"	6' 7"	6' 5.2"
Height	8' 3"	8' 3.6"	8' 4"	8' 3"	8' 4.4"
Length (Transport)	18' 3"	18' 3"	17' 6"	17' 11"	18' 1.3"
Ground Clearance	13"	--	--	13.4"	12.2"
Maximum Digging Depth	12' 5"	11' 7"	10' 9"	11' 10"	12' 8.2"
Maximum Dump Height	13' 8"	12' 8.4"	12' 2"	13' 4.6"	13' 8.6"
Maximum Reach at Ground Level	19' 8"	19' 6"	19' 10"	19' 6"	20' 0.5"

HIGHLIGHTED item indicates a Takeuchi advantage over one or more of the competitors

TAKEUCHI Advantage

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| PERFORMANCE | <ul style="list-style-type: none"> The machine design provides exceptional machine stability. The incredible traction (drawbar) force of the two speed planetary travel motors along with the automatic step down feature provides torque on demand when pushing or turning in high speed. Exceptional bucket breakout force provides maximum digging effort and quick cycle times. The engine is ideally matched to the advanced hydraulic system providing excellent performance and fuel economy. Load compensating, multi-pump hydraulic system provides smooth, synchronized control while allowing excellent multiple function operation that operators expect. |
| | <ul style="list-style-type: none"> Takeuchi's frame and undercarriage is made from thick, high quality steel which provides superior strength Extra large pins, bushings, bearings and seals provide hours of useful service. Cushioned boom, arm, and swing cylinders allow for smooth operation while reducing stress on the frame, components and operator. |
| DURABILITY | <ul style="list-style-type: none"> The spacious operator's compartment offers excellent visibility, comfort and easy entry and exit. Extremely quiet operation. Standard high back suspension seat, adjustable arm rest and retractable seatbelt. Progressive pilot controls with pattern change valve |
| | <ul style="list-style-type: none"> Tilt up operator's platform provides quick and easy access to major components. Side-by-side radiator and hydraulic oil cooler provide greater cooling capacity and easier cleaning. Hinged side and rear panels promote easy servicing. Long life hydraulic oil offers reduced service intervals. Sectional hydraulic hoses for easy replacement. Simple electrical and hydraulic systems. |
| COMFORT | |
| | |
| SERVICEABILITY | |
| | |

EPA Tier 4i Diesel with Auto Idle

This rugged engine provides excellent power and economy in a small package. Takeuchi is also known as one of the quietest machines on the market.

High Performance Cooling System

A hinged cover provides access to side-by-side coolers that features increased cooling capacity and is easy to inspect, clean and maintain.

New Convenience Features

The auxiliary hydraulics can be controlled with the thumb slide switch or used in detent mode that provides constant flow to the attachment for even more operator comfort and attachment versatility.

Load Compensating Hydraulics

Our 4-pump design provides smooth, synchronized control of the boom, arm, and swivel with no reduction in working speed. This also allows the engine to work more efficiently without wasting fuel.

Heavy Duty Blade with float

Integrated reinforcements and a large hydraulic cylinder combine to make light work of backfilling and helps stabilize the unit. The optional angle blade provides even more versatility. Large tie-down points are provided to secure the machine.

Performance

- Excellent bucket breakout force
- Class leading dump height
- Excellent dig depth
- Class leading travel speed
- Class leading tractive force (drawbar pull)

Best-in-Class for Operator Comfort

The enlarged operator's compartment offers excellent visibility and comfort with its high-back suspension seat, adjustable arm rests, and easy-to-operate pilot controls with standard pattern selector.



Automatic Step-down Travel

Maximizes production by allowing you to travel or push in high speed. When a load is encountered during pushing or turning, the travel motors automatically shift to high torque mode to provide excellent track power.

Durability

- Efficient EPA Interim Tier 4 engine
- Heavy-duty dozer blade
- Large pins and bushings provide strength
- Thick frames and quality welds
- Large hydraulic cylinders and rods

Operator Protection

The newly designed, ROPS (Roll Over Protection) along with FOPS (Falling Object Protection) Level 1 structure offer enhanced safety.

Cushioned Hydraulic Cylinders

Cushioned boom, arm, and swing cylinders allow for smooth operation while reducing stress on the frame and other components. No one else offers this same level of quality in their base machine.

Operator Comfort / Safety

- Largest operator's compartment in its class
- Suspension seat with arm rests
- Retractable seat belt and travel alarm
- Boom safety device and lift alarm available
- ROPS and FOPS protection

Class Leading Dump Height

Allows you to dig and load material with ease. Takeuchi's dual pin position bucket provides even more versatility and enables you to adapt the machine's digging characteristics to the task at hand.

Integrated Thumb Mount

The standard thumb mount and the bi-directional auxiliary circuit allow for easy attachment installation. Optional 2nd Auxiliary Circuit Available.

Large Pins and Bushings

Extra large pins and bushings provide many hours of useful service. Seals on the bucket pins help keep the elements out of this critical area.

Excellent Dig Depth

Outstanding dig depth and excellent reach means you can dig more and reposition less, increasing your productivity.

Class Leading Digging Power

The Takeuchi TB250 has class leading bucket breakout force and excellent arm digging force, giving you the power you need to get the job done quickly.

Serviceability

- Tilt up operator's platform
- Hinged side and rear panels
- Sectional hoses for boom and blade
- Easy access lubrication points
- 2 year/2000 hour full machine warranty