

	Takeuchi TB235	Bobcat E32	Caterpillar 303.5D CR	John Deere 35D	Kubota KX91-3
Operating Performance					
Tail Swing Design	Conventional	Conventional	Zero	Zero	Conventional
Operating Weight	7,650 lbs.	7,183 lbs.	7,800 lbs.	7,760 lbs.	7,110 lbs.
Maximum Bucket Digging Force	8,582 lbs.	6,968 lbs.	7,420 lbs.	6,182 lbs.	8,059 lbs.
Maximum Arm Digging Force	3,597 lbs.	4,589 lbs.	3,799 lbs.	3,866 lbs.	3,592 lbs.
Engine					
Engine Make	Yanmar	Kubota	Mitsubishi	Yanmar	Kubota
Engine Model	3TNV88	--	S3Q2	3TNV88	D1703
Horsepower Net	28.8 hp	33.3 hp	30.0 hp	28.6 hp	28.3 hp
Rated Engine Speed	2,400 rpm	--	--	2,400 rpm	2,250 rpm
Maximum Torque	79 ft-lb	--	--	--	--
Undercarriage					
Track Width	13.8"	--	11.8"	12"	11.8"
Track Ground Contact Length	5' 5.1"	--	--	5' 5"	5' 1.4"
Ground Pressure	3.8 psi	4.3 psi	4.4 psi	5.8 psi	4.5 psi
Traction Force (Drawbar Pull)	8,871 lbs.	--	6,970 lbs.	--	5,600 lbs.
Maximum Travel Speed	3.1 mph	2.9 mph	2.9 mph	2.8 mph	2.9 mph
Hydraulic System					
Total Hydraulic Flow	29.4 gal.	--	23.2 gal.	28.1 gal.	27.3 gal.
Auxiliary Hydraulic Flow	16.3 gpm	16.9 gpm	15.9 gpm	17.5 gpm	10.9 gpm
Maximum System Pressure	3,000 psi.	2,987 psi	3,553 psi.	--	--
Hydraulic Reservoir Capacity	9.2 gal.	--	8.7 gal.	8.5 gal.	9.5 gal.
Hydraulic System Capacity	18 gal.	--	17 gal.	--	15 gal.
Dimensions and Specifications					
Width	5' 4"	5' 0"	5' 10"	5' 9"	5' 1"
Height	8' 0"	7' 11.6"	8' 2"	8' 1"	8' 0"
Length (Transport)	16' 6"	15' 3"	15' 9"	15' 8"	15' 7"
Ground Clearance	11.7"	--	--	11"	11.6"
Maximum Digging Depth	11' 2"	10' 2.4"	10' 4"	11' 4"	10' 5"
Maximum Dump Height	12' 6"	11' 0"	11' 11"	11' 9"	11' 7"
Maximum Reach at Ground Level	17' 6"	16' 4"	17' 6"	18' 1"	16' 10"

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

TAKEUCHI Advantage

PERFORMANCE

- 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.

DURABILITY

- 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.

COMFORT

- 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

SERVICEABILITY

- 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.

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

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.

Best-in-Class for Operator Comfort

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



Operator Protection

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

Best-in-class 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 long arm with integrated thumb mount and bi-directional auxiliary lines plumbed to the arm allow for easy, bolt on installation of the thumb. Optional second auxiliary circuit available.

Large Pins and Bushings

Extra large pins and bushings provide many hours of useful service. O-rings and pin seals on the bucket pins help keep the elements out of this critical area.

Class Leading Dig Depth

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

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 the most track power in its class.

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.

Best-in-class Bucket Breakout

The Takeuchi TB235 has the highest bucket breakout force in the class and its powerful arm digging force gives you the power you need to get the job done quickly.

Performance

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

Durability

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

Operator Comfort / Safety

- Largest operator's compartment in its class
- Extremely quiet operation
- Suspension seat and adjustable arm rests
- Retractable seat belt and travel alarm
- ROPS and FOPS protection

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