

COMPETITIVE COMPARISON

	Takeuchi TL220	Bobcat T110	Caterpillar 247B-3 MTL	John Deere CT315	Terex ASV PT-60
Operating Performance					
Loader Boom Design	Radial	Radial	Radial	Radial	Radial
Bucket Breakout Force	4,821 lbs.	--	4,060 lbs.	3,300 lbs.	--
Lift Arm Breakout Force	5,042 lbs.	--	--	2,700 lbs.	--
Traction Force	6,654 lbs.	--	--	--	--
Engine					
Engine Make	Yanmar	Kubota	Cat	John Deere	Perkins
Engine Model	4TNV84T	V2403-M-DI-E3	C2.2 T	4024T	404D-22T
Horsepower Net	51.2 hp	41.8 hp	56.0 hp	45.0 hp	--
Rated Engine Speed	2,800 rpm	2,800	--	2,400 rpm	2,800 rpm
Maximum Torque	120 ft-lb	--	--	139 ft-lb	140 ft-lb
Drive Train					
Track Ground Contact Length	48.9"	51.1"	59"	--	59"
Ground Pressure	4.8 psi	4.6 psi	4.0 psi	4.8 psi	3.6 psi
Travel Speed High Range	5.8 mph	5.2 mph	7.0 mph	6.0 mph	11.0 mph
Hydraulic System					
Hydraulic Reservoir Capacity	8 gal.	--	9.2 gal.	5 gal.	8 gal.
Hydraulic System Capacity	12 gal.	--	15 gal.	--	--
Auxiliary flow - Standard	15.0 gpm	--	16.0 gpm	16.0 gpm	16.3 gpm
Dimensions and Specifications					
Max. Lift Height to Bucket Pin	9' 6"	8' 7.7"	9' 4"	9' 2"	9' 7"
Dump clearance Fully Raised	7' 5"	6' 6.7"	7' 0"	7' 7"	7' 7"
Reach Fully Raised	1' 11"	1' 10.8"	2' 0"	1' 5"	--
Overall Width without Bucket	57.9"	47"	66"	61"	66"
Overall Height	6' 5"	6' 2.1"	6' 6"	6' 5"	6' 5"
Ground Clearance	9.8"	6.2"	10"	7.8"	12"
Tipping Load	3,549 lbs.	3,190 lbs.	4,300 lbs.	4,412 lbs.	3,800 lbs.
Operating Cap.* (35% Tip Load)	1,246 lbs.	1,100 lbs.	1,505 lbs.	1,500 lbs.	1,330 lbs.
50% of Tipping Load	1,775 lbs.	1,595 lbs.	2,150 lbs.	2,206 lbs.	1,900 lbs.
Operating Weight	6,315 lbs.	5,202 lbs.	6,997 lbs.	6,800 lbs.	6,350 lbs.

* Operating capacity rated according to SAE J818 (35% of the tipping load)

HIGHLIGHTED indicates Takeuchi advantage over one or more of the competitors

TAKEUCHI Advantage

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|----------------|---|
| PERFORMANCE | <ul style="list-style-type: none"> Takeuchi produces exceptional bucket breakout force, lift arm breakout force, and traction force. It's hard to beat Takeuchi's incredible performance specs. Double reduction, planetary drive motors not only provide high travel speeds, they also supply outstanding pushing power for easy maneuvering with heavy attachments. Takeuchi's radial boom design provides the lift height and reach you would expect from a vertical lift boom design but with the performance benefits of a radial lift design. Radial lift = better power transfer and fewer wear points. |
| | <ul style="list-style-type: none"> The integrated frame design allows Takeuchi to put more torque and power behind each machine. The welded track frame incorporates a unitary design with full width structural cross members adding strength and rigidity to the entire machine. Takeuchi's undercarriage design uses steel to steel contact between the track and rollers for greater durability when working in extreme conditions. |
| DURABILITY | <ul style="list-style-type: none"> Adjustable suspension seat, arm rests and pilot controls. Cab option includes Heat, A/C, Radio/MP3 Jack, and Hydraulic Quick Hitch. Swing out cab door helps keep the overall machine height low which is useful in tight areas. |
| COMFORT | <ul style="list-style-type: none"> Side-by-side radiator and hydraulic oil cooler feature greater cooling capacity and the swing out assembly allows for easy cleaning and maintenance. Tilt back operator's compartment provides quick and easy access to major components Large removable belly pans for easy cleaning Hydraulic filter located inside the tank for easy, hassle free servicing. Easy to service dual air filters with standard engine pre-cleaner. Simple electrical and hydraulic systems |
| SERVICEABILITY | |

EPA Tier 4i Diesel Engine

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

High Performance Cooling System

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

Best-in-Class Tractive Force

Accomplished through a double reduction planetary drive for greater torque multiplication. The unique track design uses a continually wrapped cable and a forged steel contact pad for the toughest track available.

Large Track Rollers

Large rollers and bearings support the machine, and are permanently sealed using a high performance, metal-face seal that has been proven tough in extreme conditions.

Best-in-Class for Operator Comfort

The operator's compartment offers excellent visibility and comfort with its high-back suspension seat, arm rests, easy-to-operate pilot controls, large cabin area and spacious floor.



14-Pin Attachment Connector

This standard feature uses a multi-function control handle along with a common 14-pin connector to control attachments and enhance the machine's versatility.

Radial Lift Boom

Provides outstanding dump height, allowing you to load material with ease. It also provides excellent reach for placing loads and superior strength for the most demanding jobs.

Flat Face Coupler Block

Allows you to easily make attachment connections by relieving pressure within the line. A third case drain line is standard, offering attachment versatility.

Large Pins and Bushings

Extra large pins and bushings provide hours of useful service and enhance the strength of the machine.

Best-in-Class Breakout Force

The Takeuchi TL220 has the highest bucket breakout force in its class, giving you the power you need to fill the bucket.

Hydraulic Bucket Quick-Attach

This feature, which allows you to exchange buckets from the comfort of the operator's seat, is standard on all cab models and available as an option on canopy models.

Best-in-class Boom Lift

The Takeuchi TL220 has the highest loader lift arm force in its class, which gives you the power to out lift the competition.

Performance

- Best-in-class bucket breakout force
- Best-in-class loader lift force
- Best-in-class dump height
- Best-in-class tractive force (drawbar pull)
- Standard 2-speed travel

Durability

- Efficient EPA Interim Tier 4 engine
- Strongest frame on the market
- Large rollers enhance strength
- Thick frames and quality welds
- Large, cushioned hydraulic cylinders.

Operator Comfort / Safety

- Largest operator's compartment in its class
- Quiet operation
- Suspension seat and lap bar/arm rest
- Easy-to-operate pilot controls
- ROPS and FOPS protection

Serviceability

- Tilt up operator's platform
- Hinged cooling package
- Lockable panels and fuel cap
- In-tank hydraulic filter
- 2 year/2000 hour full machine warranty