TL6R, TL8R2, TL10V2, TL12R2, TL12V2

TAKEUCHI
From World First to World Leader

Track Loaders

Specs & Dimensions

OPERATING PERFORMANCE	TL6R	TL8R2	TL10V2	TL12R2	T
Operating Weight - Canopy	7,485 lb (3,395 kg)	8,807 lb (3,995 kg)	9,950 lb (4,515 kg)	12,300 lb (5,580 kg)	12,86
Operating Weight - Cab	7,780 lb (3,530 kg)	9,182 lb (4,165 kg)	10,270 lb (4,660 kg)	12,590 lb (5,710 kg)	13,19
Tipping Load	5,269 lb (2,390 kg)	6,041 lb (2,740 kg)	7,205 lb (3,268 kg)	8,629 lb (3,915 kg)	11,73
*Rated Operating Capacity @ 35%	1,841 lb (835 kg)	2,116 lb (960 kg)	2,522 lb (1,145 kg)	2,975 lb (1,349 kg)	4,10
Operating Load @ 50% of Tip Load	2,635 lb (1,195 kg)	3,020 lb (1,370 kg)	3,600 lb (1,635 kg)	4,315 lb (1,957 kg)	5,86
Bucket Breakout Force	5,930 lb (2,690 kg)	6,204 lb (2,814 kg)	6,520 lb (2,960 kg)	8,210 lb (3,722 kg)	7,87
Lift Arm Breakout Force	4,860 lb (2,205 kg)	5,957 lb (2,702 kg)	5,400 lb (2,450 kg)	8,075 lb (3,663 kg)	7,10
Traction Force	8,655 lb (3,926 kg)	9,733 lb (4,415 kg)	9,730 lb (4,410 kg)	14,010 lb (6,353 kg)	14,00
Ground Pressure - Canopy	4.8 psi (32.9 kPa)	4.5 psi (31.0 kPa)	4.9 psi (34.3 kPa)	4.58 psi (31.6 kPa)	4.8
Travel Speed - Low	4.0 mph (7.0 km/h)	4.7 mph (7.5 km/hr)	4.8 mph (7.7 km/hr)	5.0 mph (8.1 km/hr)	5.0 m
Travel Speed - High	6.0 mph (10.0 km/h)	7.0 mph (11.2 km/hr)	7.0 mph (11.3 km/hr)	7.3 mph (11.8 km/hr)	7.8 m

*Rated Operating Capacity (ROC) for compact track loaders is rated according to SAE J818 at no more than 35% of the tipping load.

HYDRAULIC SYSTEM					
Auxiliary Flow - Primary Circuit	17.8 gpm (67.4 L/m)	19.1 gpm (72.3 Lpm)	18.8 gpm (71.2 Lpm)	23.2 gpm (88.0 Lpm)	23.2 g
High Flow with Standard Secondary	N/A	33.0 gpm (128.0 Lpm)	32.8 gpm (124.0 Lpm)	40.4 gpm (153.0 Lpm)	40.4 g
Circuit (optional)	**N/A	**N/A	**18.8 gpm (71.2 Lpm)	**23.2 gpm (88.0 Lpm)	**23.2
Hydraulic System Pressure	2,988 psi (20.6 MPa)	3,045 psi (21.0 MPa)	3,481 psi (24.0 Mpa)	3,481 psi (24.0 MPa)	3,481

**Auxiliary Flow - Secondary Circuit

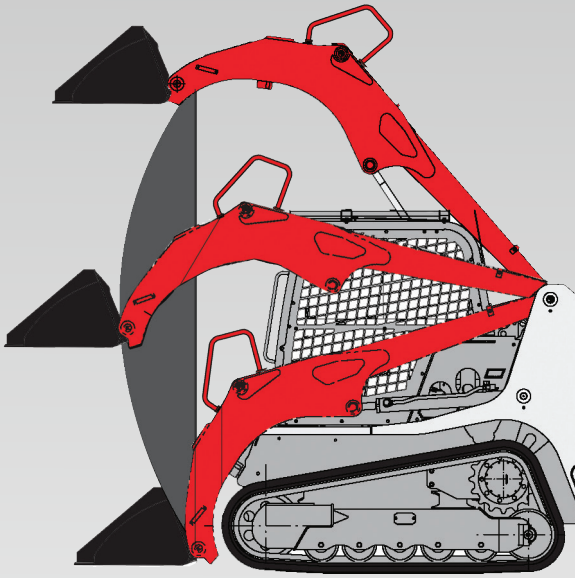
ENGINE					
Make / Model	Kubota / V2403-CR-TE4B	Kubota / V3307-CR-TE5B	Kubota / V3307CR-TE4B	Kubota / V3800-TIF4B	Kubota
Horsepower	65.2 hp (48.6 kW)	74.3 hp (55.4 kW)	74.3 hp (55.4 kW)	111.3 hp (83.0 kW)	111.3
Maximum Torque	144.3 ft-lb (195.6 Nm)	192.6 ft-lb (261.1 Nm)	195 ft-lb (265.0 Nm)	276 ft-lb (374 Nm)	284

FLUID CAPACITES					
Engine Lubrication	7.6 qt (7.2 L)	11.8 qt (11.2 L)	11.8 qt (11.2 L)	13.9 qt (13.2 L)	13.
Diesel Exhaust Fluid (DEF)	N/A	N/A	N/A	4.8 gal (18.0 L)	4.8
Fuel Tank Capacity	20.0 qt (75.7 L)	28.3 gal (107.0 L)	21.5 gal (81.0 L)	31.6 gal (119.5 L)	32.7
Fuel Consumption (65% of Full Load)	1.3 gal/hr (4.9 L/hr)	2.8 gal/hr (10.6 L/hr)	2.7 gal/hr (10.3 L/hr)	3.8 gal/hr (14.4 L/hr)	3.8 g
Hydraulic Reservoir Capacity	7.9 gal (30.0 L)	9.6 gal (36.5 L)	9.5 gal (36.0 L)	13.2 gal (50.0 L)	13.2

MACHINE DIMENSIONS					
Maximum Lift Height to Bucket Pin	9 ft 6.4 in (2,905 mm)	10 ft 1.2 in (3,080 mm)	10 ft 4.8 in (3,169 mm)	10 ft 6.0 in (3,200 mm)	10 ft 10
Dump Height Fully Raised	7 ft 5.6 in (2,275 mm)	7 ft 11.3 in (2,420 mm)	7 ft 11.9 in (2,435 mm)	7 ft 10.5 in (2,400 mm)	8 ft 1.
Dump Reach Fully Raised	1 ft 10.0 in (560)	2 ft 4.3 in (720 mm)	3 ft 1.4 in (950 mm)	3 ft 1.8 in (960 mm)	3 ft 0
Dump Angle	38°	38°	40°	42°	
Rollback Angle	31°	28°	30°	30°	
Track Ground Contact Length	4 ft 7.0 in (1,395 mm)	4 ft 7.9 in (1,420 mm)	4 ft 7.9 in (1,419 mm)	5 ft 7.5 in (1,716 mm)	5 ft 7.
Machine Length	8 ft 9.9 in (2,689 mm)	9 ft 1.8 in (2,790 mm)	9 ft 7.2 in (2,925mm)	10 ft 6.2 in (3,205 mm)	10 ft 6
Transport Length	10 ft 11.0 in (3,330 mm)	11 ft 5.2 in (3,485 mm)	12 ft 1.0 in (3,680 mm)	13 ft 3.3 in (2,311 mm)	13 ft 3
Transport Height	6 ft 5.8 in (1,975 mm)	7 ft 3.8 in (2,230 mm)	7 ft 5.4 in (2,270 mm)	7 ft 7.0 in (2,311 mm)	7 ft 9.
Clearance Circle with Bucket	6 ft 10.5 in (2,095 mm)	7 ft 2.3 in (2,190 mm)	7 ft 8.5 in (2,350 mm)	8 ft 4.6 in (2,555 mm)	8 ft 2.
Clearance Circle without Bucket	4 ft 6.9 in (1,395 mm)	4 ft 10.4 mm (1,485 mm)	5 ft 0.0 in (1,535 mm)	5 ft 4.4 in (1,635 mm)	5 ft 3.
Clearance Circle Rear	4 ft 11.8 in (1,520 mm)	5 ft 4.8 in (1,645 mm)	5 ft 5.2 in (1,655 mm)	6 ft 0.0 in (1,829 mm)	6 ft 1.
Track Width	12.6 in (320 mm)	15.7 in (400 mm)	15.7 in (400 mm)	17.7 in (450 mm)	17.7
Ground Clearance	9.1 in (230 mm)	11.4 in (290 mm)	12.6 in (320 mm)	12.5 in (320 mm)	12.2
Overall Width without Bucket	5 ft 0.2 in (1,530 mm)	5 ft 5.4 in (1,660 mm)	5 ft 8.5 in (1,740 mm)	6 ft 5.2 in (1,960 mm)	6 ft 5.

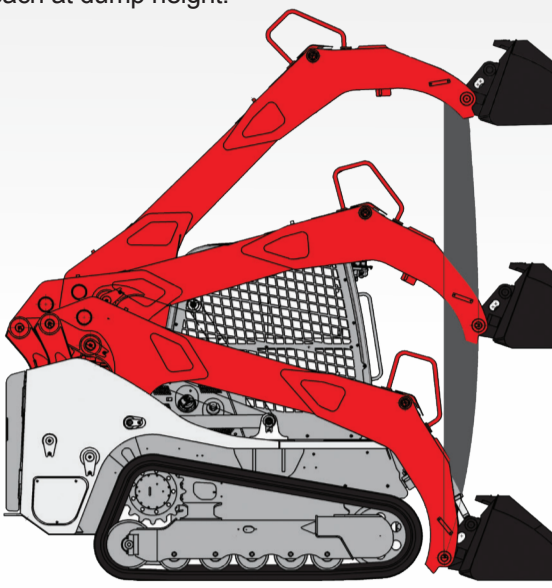
Radial Lift Path

Radial lift machines feature a single arm pivot point and have higher breakout forces making them ideal for tough excavating and grading applications. They also have excellent mid-height reach which is well suited to loading and unloading flatbed trucks.



Vertical Lift Path

Vertical lift machines have minimal change in the loaders center of gravity because the load is kept closer to the machine throughout the lift path. They are ideal for loading trucks and hoppers with high sides and generally provide better reach at dump height.



TL12V2
60 lb (5,835 kg)
90 lb (5,985 kg)
37 lb (5,324 kg)
7 lb (1,863 kg)
8 lb (2,662 kg)
4 lb (3,571 kg)
9 lb (3,225 kg)
06 lb (6,353 kg)
psi (33.0 kPa)
mph (8.1 km/hr)
mph (8.1 km/hr)
gpm (88.0 Lpm)
gpm (153.0 Lpm)
gpm (88.0 Lpm)
psi (24.0 MPa)
/ V3800-TIF4B
3 hp (83.0 kW)
ft-lb (385 Nm)
.9 qt (13.2 L)
3 gal (18.0 L)
7 gal (123.9 L)
al/hr (14.4 L/hr)
2 gal (50.0 L)
0.0 in (3,302 mm)
0 in (2,459 mm)
.4 in (924 mm)
46.8°
32°
6 in (1,717 mm)
.0 in (3,203 mm)
.3 in (4,045 mm)
7 in (2,381 mm)
6 in (2,504 mm)
4 in (1,610 mm)
0 in (1,848 mm)
7 in (450 mm)
2 in (310 mm)
2 in (1,960 mm)

Operator's Station

Takeuchi strives for excellence and continued improvement with all its products. This is evident in the completely redesigned canopies and cabs on the TL10V2, TL12R2, and TL12V2. The interior is spacious with automotive styling and intuitive features that simplify operation. A color multi-informational display keeps the operator informed of a wide range of machine functions while the pilot controls provide crisp, responsive performance today's operators demand.

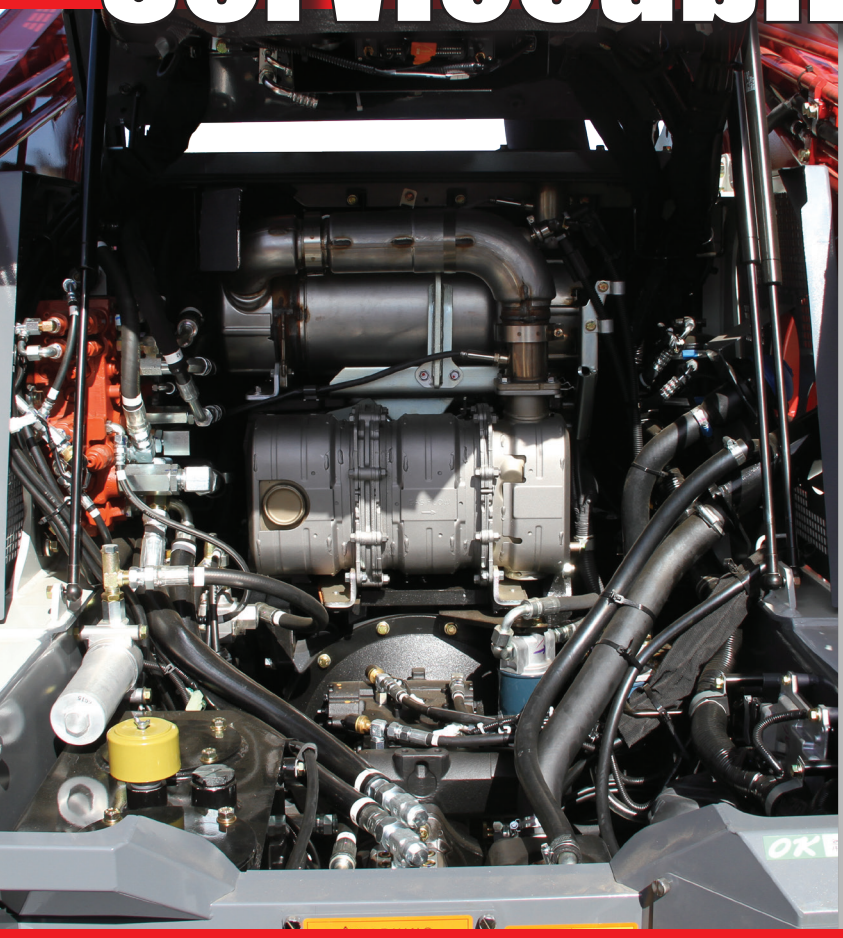
Rear View Backup Camera

Most track loader models come standard with a rear view backup camera to optimize operation. The 5.7 inch color multi-informational display is utilized by the rear view camera and gives the operator a clear view of objects behind the machine . This feature gives the operator peace of mind and added protection while on any job site.

Hydraulic Pilot Controls

Hydraulic pilot controls have long been the standard on Takeuchi track loaders. Today's Takeuchi loaders are no different and feature the most dependable, responsive, and smooth controls available. They serve as an extension of the operator giving them precise control for greater efficiency and performance.

Serviceability

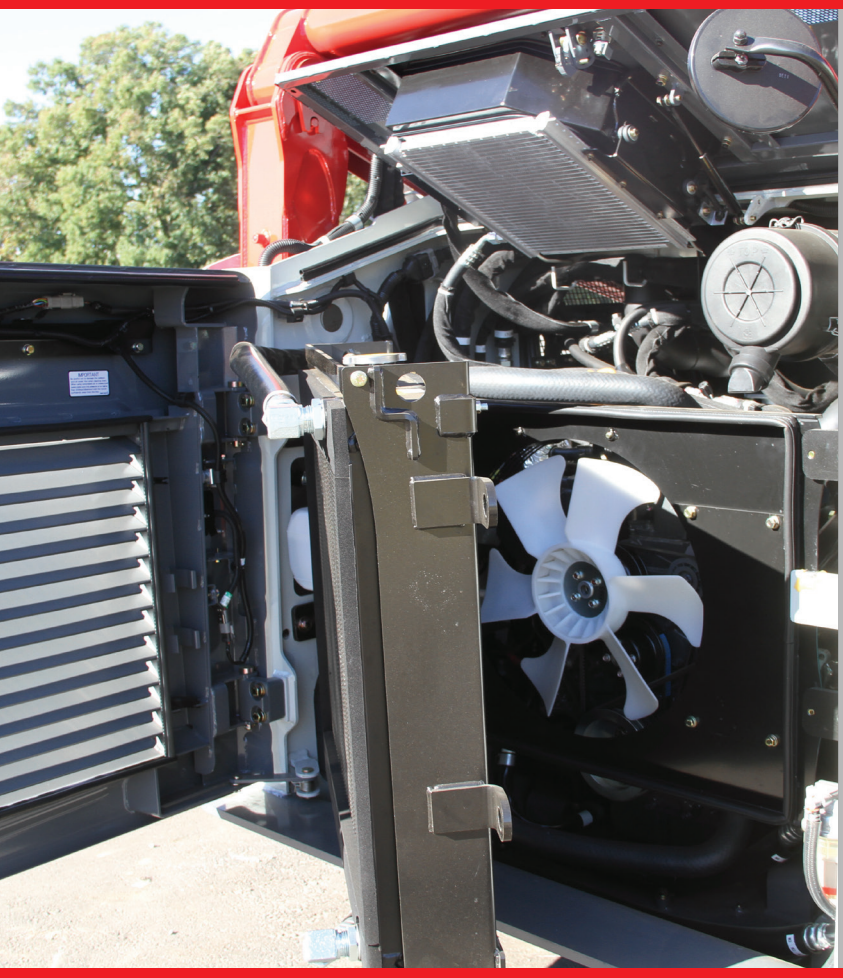


Remote Filter Access

The operator's stations on Takeuchi track loaders tilts rearward providing access to the engine oil filter and both primary and secondary fuel filters. The pilot filter, control valve, and the hydraulic filter on the TL10V2 and TL12R2, and TL12V2 can also be accessed when needed.

Maintenance & Inspections

Maintenance on our track loaders is simplified and reduces down time with the removable belly pans that allow for easy clean out. The rear tower clean outs are accessible through the right and left towers for convenience, easy inspection and clean out, and the battery access allows for quick maintenance and inspection.



Daily Service Check Points

Takeuchi's heavy duty rear door swings open providing outstanding access to the machines daily inspection points. Access to the dual element air cleaner is simple and unobstructed. The high capacity side by side cooling module swings open for ease of cleaning and inspection. The fuel water separator located at the rear of the machine so it can be quickly inspected and drained if necessary.

Takeuchi Fleet Management

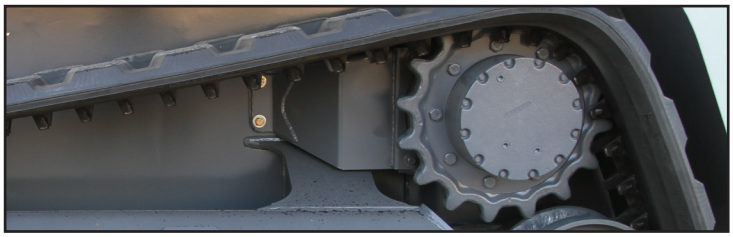
Takeuchi Fleet Management (TFM) is designed to help better manage a fleet and lower overall operating costs. By monitoring a machine you can check the health of your equipment and prevent costly repairs by keeping track of alerts, hours, and more.

Durability

The purpose built frame features multiple cross members for greater strength and rigidity. The heavy duty step cross member protects the bucket cylinders from damage and provides better visibility to the cutting edge of the bucket. With the added strength and durability, the track loader makes an excellent attachment platform with the heavy duty lift cylinders with oversized pins and bushing that are built for greater lifting capacity and enhanced performance.

Undercarriage Features

Several different track systems can be found on Takeuchi track loaders. The TL8 features steel on steel contact between the rollers and mandrels allowing abrasive material to be crushed or expelled from the track system. The TL10V2, TL12R2 and TL12V2 have a quiet ride track system that allows the rollers to ride along a rubber contact pad reducing noise and vibration levels.



All Takeuchi track loaders feature double reduction planetary drives that generate exceptional traction force allowing the machine to power through the most demanding applications. Drive lines are protected by a heavy gauge steel guard that keeps them from being damaged when working or cleaning the machine.

Takeuchi undercarriages are purpose built for greater strength and rigidity and feature integrated cross members and model specific undercarriage components to ensure longevity and durability.

FORM: Compact Track Loader Trifold - Aug. 2020

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