

TAKEUCHI

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OPERATING PERFORMANCE

Operating Weight Standard Machine with Bucket	
Canopy	10,318 lbs (4,680 kg)
Cab	10,516 lbs (4,770 kg)
Tipping Load	6,867 lbs (3,115 kg)
Rated Operating Capacity, SAE J818*	2,403 lbs (1,090 kg)
Operating Load at 50% of Tipping Load	3,434 lbs (1,558 kg)
Operating Capacity w/ Opt Counterweight	2,723 lbs (1,235 kg)
Bucket Breakout Force	7,400 lbs (3,357 kg)
Lift Arm Breakout Force	7,425 lbs (3,368 kg)
Traction Force	11,067 lbs (5,020 kg)
Capacity SAE Heaped (Optional Bucket)	20.3 cu ft (.059 m ³)
Cycle Time:	
Raise Full Load	4.6 Seconds
Lower No Load	3.0 Seconds
Dump Full Load	3.0 Seconds
Curl No Load	2.0 Seconds

*Operating capacity of compact track loaders is rated according to SAE J818 at no more than 35% of the tipping load

ENGINE

Make / Model	Kubota / V3800CR-Turbo
Cylinders / Displacement	4 / 230 cu in (3.8 L)
Horsepower Gross (SAE J1995)	92.0 hp (68.6 Kw)
Horsepower Net (ISO 14396)	90.7 hp (67.6 Kw)
Rated / Maximum Engine Speed	2,400 rpm / 2,600 rpm
Maximum Torque	247 ft-lb (335 Nm)
Engine Lubrication	13.9 qt (13.2 L)
Cooling System	16.4 qt (15.5 L)
Fuel Tank Capacity	23.8 gal (90.0 L)
Fuel Consumption, 65% of full load	3.35 gal / hr (12.7 L / hr)
Electrical System	12 volts / 80 amps

UNDERCARRIAGE

Traction Drive Type	Hydrostatic w/ Double Reduction Planetary Final Drive
Parking Brake	Spring Applied, Hydraulically Released
Track Roller Type	Permanently Sealed Rollers
Track Rollers	5 per side
Track Width	17.7 in (450 mm)
Ground Pressure:	
Canopy	4.4 psi (30.1 kPa)
Cab	4.5 psi (30.7 kPa)
Maximum Travel Speed:	
Low	4.6 mph (7.4 km / hr)
High	7.2 mph (11.6 km / hr)

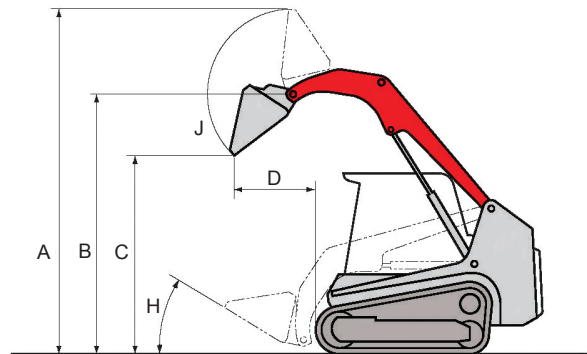
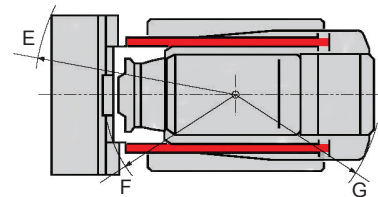
HYDRAULIC

Hydraulic Reservoir Capacity	12.7 gal (48.0 L)
Hydraulic System Capacity	19.5 gal (74.0 L)
Auxiliary Flow - Primary Circuit	20 gal / min (75.0 L / min)
Auxiliary Flow - Optional High Flow	36 gal / min (137.0 L / min)
Auxiliary Flow - Optional 2nd Circuit	17 gal / min (64.5 L / min)
Hydraulic System Pressure	3,046 psi (21.0 MPa)



WORKING DIMENSIONS

A. Overall Operating Height	13 ft 4.7 in (4,081 mm)
B. Maximum Lift Height to Bucket Pin	10 ft 2.9 in (3,122 mm)
C. Dump Height Fully Raised	7 ft 10.8 in (2,407 mm)
D. Dump Reach Fully Raised	2 ft 10.4 in (875 mm)
E. Clearance Circle with Bucket	7 ft 6.3 in (2,293 mm)
F. Clearance Circle w/o Bucket	4 ft 11.1 in (1,500 mm)
G. Clearance Circle, Rear	5 ft 6.3 in (1,683 mm)
H. Maximum Bucket Rollback at Ground	30.7°
J. Maximum Dump Angle Fully Raised	38.5°



Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Turbocharged
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Filter with Pre-Cleaner

ELECTRICAL

- ◆ Machine Monitoring System w/ Fuel and Coolant Temperature Gauge
- ◆ 12 volt System with 80 amp Alternator
- ◆ Halogen Work Lights, Front and Rear
- ◆ Engine Preheat
- ◆ Hour Meter
- ◆ Back-up Alarm

UNDERCARRIAGE AND FRAME

- ◆ Permanently Sealed Track Rollers with Metal Face Seals
- ◆ Welded Track Frame with Multiple Cross Members
- ◆ 2-Speed Travel
- ◆ 17.7" Rubber Track with Integrated Steel Cables and Forged Steel Inserts
- ◆ Grease Type Track Adjuster

HYDRAULIC

- ◆ Cushioned Boom Cylinders
- ◆ Boom Float with Detent
- ◆ Pilot Proportional Hydraulic Controls
- ◆ Pressure Relieving Flat Faced Coupler Body
- ◆ 14-Pin Connector with Push Button Control
- ◆ Hydraulic Self Leveling
- High Flow Auxiliary Hydraulics 36 gal / min
- Secondary Auxiliary Circuit
- Ride Control
- Control Pattern Change Valve

WORKING EQUIPMENT

- ◆ Radial Boom Design
- ◆ Mechanical Quick Coupler
- Hydraulic Quick Coupler
- 76" HD Smooth Lip Dirt Bucket (20.3 cu ft)
- 76" HD Dirt Bucket with (8) Teeth (20.3 cu ft)
- 7' Six Way Dozer Blade
- HD 48" Pallet Forks and Frame
- Counterweight Kit (575 lbs)

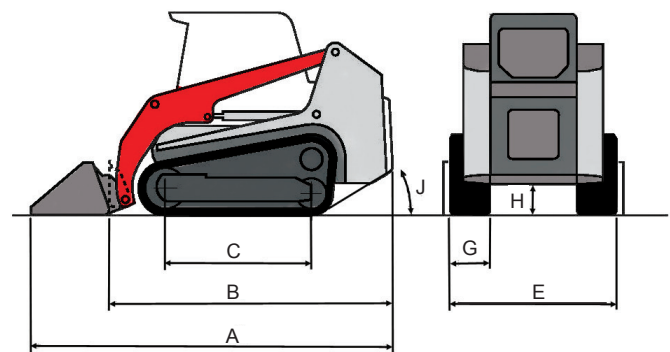
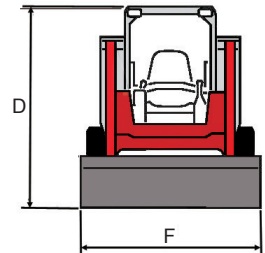
OPERATOR'S STATION

- ◆ Tilt-up Operator Station
- ◆ Pilot Operated Controls
- ◆ Six-way Adjustable Suspension Seat
- ◆ Rear Pivoting Seat Bar w/ Integrated Arm Rests
- ◆ Retractable Seat Belt
- ◆ ROPS/FOPS Structure
- Pressurized Cab with Roll Up Door, Air Conditioning, Heat, Defrost and Wiper
- 3" Seat Belt
- 3 Point Seat Belt
- AM/FM/MP3 Radio w/ NOAA Weatherband

◆ - Standard ○ - Optional

MACHINE DIMENSIONS

A. Transport Length	12 ft 6 in (3,810 mm)
B. Machine Length	9 ft 9.3 in (2,980 mm)
C. Track Ground Contact Length	4 ft 10.9 in (1,495 mm)
D. Overall Height	7 ft 5 in (2,270 mm)
E. Overall Width w/out Bucket	5 ft 9.7 in (1,770 mm)
F. Recommended Bucket Width	76.0 in (1,930 mm)
G. Track Width	17.7 in (450 mm)
H. Ground Clearance	12.8 in (326 mm)
J. Angle of Departure	30°



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