

## Specifications

### OPERATING PERFORMANCE

Operating Weight	Canopy	10,115 lb (4,588 kg)
Standard Machine with Bucket	Cab	10,365 lb (4,701 kg)
Tipping Load		5,952 lb (2,699 kg)
Rated Operating Capacity, SAE J818*		2,083 lb (944 kg)
Operating Load at 50% of Tipping Load		2,976 lb (1,350 kg)
Rated Op Capacity, Opt. Counterweight		2,300 lb (1,043 kg)
Bucket Breakout Force		7,403 lb (3,357 kg)
Lift Arm Breakout Force		7,425 lb (3,368 kg)
Traction Force		11,070 lb (5,016 kg)
Capacity SAE Heaped, (Optional Bucket)		20.3 cu ft (0.59 m <sup>3</sup> )
Cycle Time		
Raise Full Load		4.4 seconds
Lower No Load		2.9 seconds
Dump Full Load		3.1 seconds
Curl No Load		2.1 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	Yanmar/4TNV98-Turbo
Cylinders/Displacement	4/203 cu in (3.3 L)
Horsepower Gross (SAE J1995)	86 hp (63.9 Kw)
Horsepower Net (SAE J1349)	83 hp (61.9 Kw)
Rated Engine Speed	2500 rpm
Maximum Torque	219 ft-lb @ 1850 rpm (297 Nm)
Engine Lubrication	10.8 qt (10.2 L)
Cooling System	17.4 qt (16.5 L)
Fuel Tank Capacity	23.8 gal (90 L)
Fuel Consumption (65% of Full Load)	3.1 gal/hr (11.7 L/hr)
Electrical System	12 volts/60 amps

### UNDERCARRIAGE

Traction Drive Type	Hydrostatic Drive System with Double Reduction Planetary Final Drive	
Parking Brake	Spring Applied, Hydraulically Released, Multiple Wet Friction Disc	
Track Roller Type	Large, Outside Running, Permanently Sealed Rollers with Material Face Seals	
Track Rollers	5 per side	
Track Width	17.7 in (450 mm)	
Track Ground Contact Length	58.9 in (1,495 mm)	
Ground Pressure	Canopy 4.3 psi	Cab 4.4 psi
Maximum Travel Speed		
Low	4.7 mph (7.6 km/hr)	
High	7.2 mph (11.6 km/hr)	

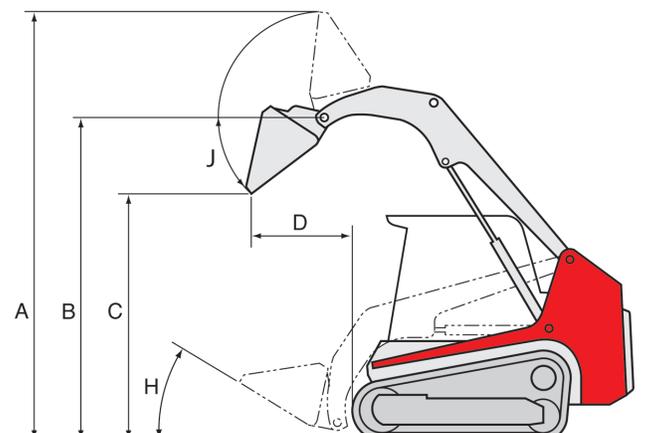
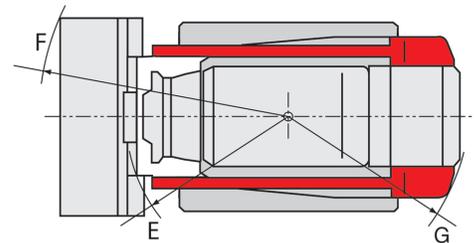
### HYDRAULIC SYSTEM

Hydraulic Reservoir Capacity	12.9 gal (49 L)
Hydraulic System Capacity	19.8 gal (75 L)
Auxiliary Flow	20 gal/min (76 L/min)
Auxiliary Flow - Optional High Flow	36.3 gal/min (138 L/min)
Auxiliary Hydraulic Pressure	3,000 psi (20.6 mpa)



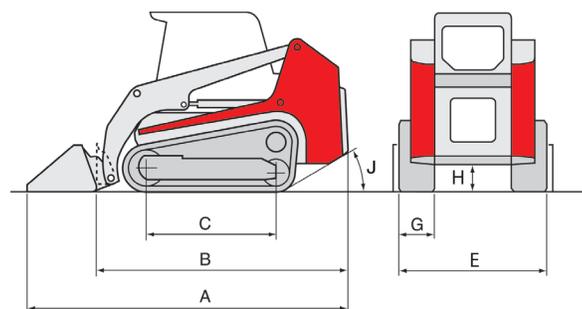
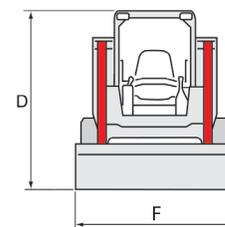
### WORKING DIMENSIONS

A. Overall Operating Height	13 ft 4.6 in (4,080 mm)
B. Maximum Lift Height to Bucket Pin	10 ft 3 in (3,120 mm)
C. Dump Height Fully Raised	7 ft 11.8 in (2,405 mm)
D. Dump Reach Fully Raised	2 ft 10.4 in (875 mm)
E. Clearance Circle without Bucket	4 ft 11 in (1,500 mm)
F. Clearance Circle with Bucket	7 ft 6 in (2,295 mm)
G. Clearance Circle Rear	5 ft 5.7 in (1,670 mm)
H. Maximum Bucket Rollback at Ground Level	30°
J. Dump Angle Fully Raised	38.5°



**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 without Bucket	5 ft 9.7 in [1,770mm]
F. Recommended Bucket Width	76 in [1930 mm]
G. Track Width	17.7 in [450 mm]
H. Ground Clearance	12.8 in
J. Angle of Departure	30°



◆ - Standard

○ - Optional

- ◆ Hydraulic Self Leveling Allows For Easy Operation and Load Positioning
- High Flow Auxiliary Hydraulics, 36.3 gal/min

**WORKING EQUIPMENT**

- ◆ Radial Boom Design Provides High Strength and Fewer Wear Points For Reduced Maintenance and Associated Costs
- ◆ Powerful Breakout and Tractive Forces Equal Greater Productivity
- ◆ Mechanical Bucket Quick Coupler
- Hydraulic Bucket Quick Coupler
- 76" HD Smooth Lip Dirt Bucket [14 ft<sup>3</sup>]
- 76" HD Dirt Bucket with (7) Teeth [14 ft<sup>3</sup>]
- 7' Six Way Dozer Blade
- HD 48" Pallet Forks and Frame
- Counterweight Kit (575 lbs)

**OPERATOR'S STATION**

- ◆ Tilt-up Operator Station for Outstanding Service Access
- ◆ Low Effort Pilot Operated Controls, Six Way Adjustable Suspension Seat and Rear Pivoting Seat Bar with Integrated Arm Rest Provide Reduce Fatigue and Provide Outstanding Operator Comfort
- ◆ Retractable Seat Belt
- ◆ Spacious Operator's Compartment Provides ISO Certified ROPS/FOPS Protection for Added Peace of Mind
- Enclosed Cab with Air Conditioner, Heat, Defrost, Wiper, Push Button Float with Detent Position, Deluxe AM/FM/Mp3 Radio, Retractable Seat Belt, Front Glass with Cylinder Assisted Lift, and Hydraulic Bucket Quick Coupler
- 3 in Seat Belt

# Product Features

**ENGINE**

- ◆ EPA Tier 3 Compliant Turbocharged Engine
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner, with Standard Pre-Cleaner

**ELECTRICAL**

- ◆ Enhanced Machine Monitoring System with Fuel, Coolant, and Temperature Gauges
- ◆ 12 volt System with 40 amp Alternator
- ◆ Halogen Work Lights, Front and Rear
- ◆ Engine Preheat
- ◆ Hour Meter
- ◆ Back-Up Alarm

**UNDERCARRIAGE AND FRAME**

- ◆ Permanently Sealed, Steel Track Rollers with Extreme Duty, Precision Metal Face Seals
- ◆ All Welded Track Frame with Multiple Cross Members For Added Strength and Durability
- ◆ 2-Speed Travel is Standard Providing Outstanding Productivity
- ◆ 17.7 in. Rubber Track with Integrated Steel Cables and Forged Steel Inserts
- ◆ Grease Type Track Adjuster for Efficient Track Adjustment

**HYDRAULIC**

- ◆ Cushioned Boom Cylinders
- ◆ Precise and Responsive Pilot Controls
- ◆ Electrohydraulic Push-Button and Proportional Control of Auxiliary Hydraulics with Standard Detent and Selectable One-Way Operation for Additional Attachment Control
- ◆ Standard Flat Face Coupler Body that Relieves Pressure in the Auxiliary Circuit Simplifying Attachment Installation
- ◆ 14-Pin Connector with Push Button Control for Operating Various Attachments