



## PT-100 FORESTRY COMPACT TRACK LOADER



### Brief Specifications

Operating Weight:	11,425 lb (5184 kg)
Tipping Load:	7,600 lb (3447 kg)
Ground Pressure:	4.37 psi (30.1 kPa)
Gross Engine Power:	99.9 hp (74.5 kW)

- A powerful loader built for productive work in forestry applications, even in poor ground conditions. Undercarriage suspension provides exceptional traction and operator comfort.
- Comprehensive guarding helps keep the machine working longer with less downtime for cleanout and maintenance. ROPS/FOPS complies with the operator protection standards for the forestry industry.
- Two-speed hydrostatic drive system offers fast travel speed and high torque work speed.
- Standard high-flow auxiliary hydraulics and high-capacity cooling system with auto-reversing fan helps maximize efficiency in hot conditions.



## Specifications

### Operating Specifications (standard equipment)

Operating weight	11,425 lb (5184 kg)
Shipping weight	10,400 lb (4717 kg)
Ground pressure @ operating weight	4.37 psi (30.1 kPa)
Tipping load	7,600 lb (3447 kg)
Operating capacity, 50% tipping load	3,800 lb (1724 kg)
Operating capacity, 35% tipping load	2,660 lb (1207 kg)
Travel speed, low range	0-6 mph (9.7 kph)
Travel speed, high range	0-11.5 mph (18.5 kph)

### Engine

Type	Diesel, 4-cylinder, turbocharged
Model	Perkins 1104C-44T
Displacement	268 in <sup>3</sup> (4.4 L)
Gross power rating @ 2300 rpm	99.9 hp (74.5 kW)
Torque, peak	304 ft-lb (412 Nm)
Cooling system	- Engine-driven fan and coolant/anti-freeze-filled radiator - Auto-reversing fan helps keep radiator and cooling system free of debris. - Fan can also be reversed <i>on demand</i> from the operator station.
Engine block heater	Standard, AC plug-in type
Intake air cleaner	Dual stage
Emission controls	Meets all U.S. EPA Tier 2 standards

### Undercarriage

Track type	- General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads. - Two rows of track drive lugs molded in. - Undercarriage frame rails constructed of heavy-duty steel.
Track width, standard	18 in (457 mm)
Length of track on ground	72.5 in (1842 mm)
Ground contact area	2,610 in <sup>2</sup> (1.68 m <sup>2</sup> )
Drive system	Two hydrostatic direct drive sprockets controlled by a single joystick.
Track drive sprocket	Elevated with low friction, replaceable sprocket rollers.
Undercarriage suspension	Two independent torsion axles per undercarriage.
Roller wheels	21 high-density polyurethane and rubber wheels per track. All roller wheels use tapered roller bearings protected by metal-faced seals.
Roller wheel diameters	Front & rear wheels - 14 in (356 mm); mid wheels - 10 in (254 mm)

### Auxiliary Hydraulic System

Pump capacity, low flow	20 gpm (76 lpm)
Pump capacity, high flow	38 gpm (144 lpm)
System pressure, max.	3,650 psi (25 165 kPa)
Controls	Intermittent via joystick button or continuous via console switch, mode selectable via dash-mounted switch.
Couplers	Push-to-connect quick couplers mounted on loader arms. Pressure relief valve mounted to coupler block.
Cooling system	High efficiency oil cooler beside engine radiator, not stacked.

### Service Refill Capacities

Fuel tank	26 US gal (98 L)
Hydraulic tank	20 US gal (76 L)
Engine coolant/antifreeze	3.125 US gal (12 L)
Engine oil, including filter	8.8 quarts (8.3 L)

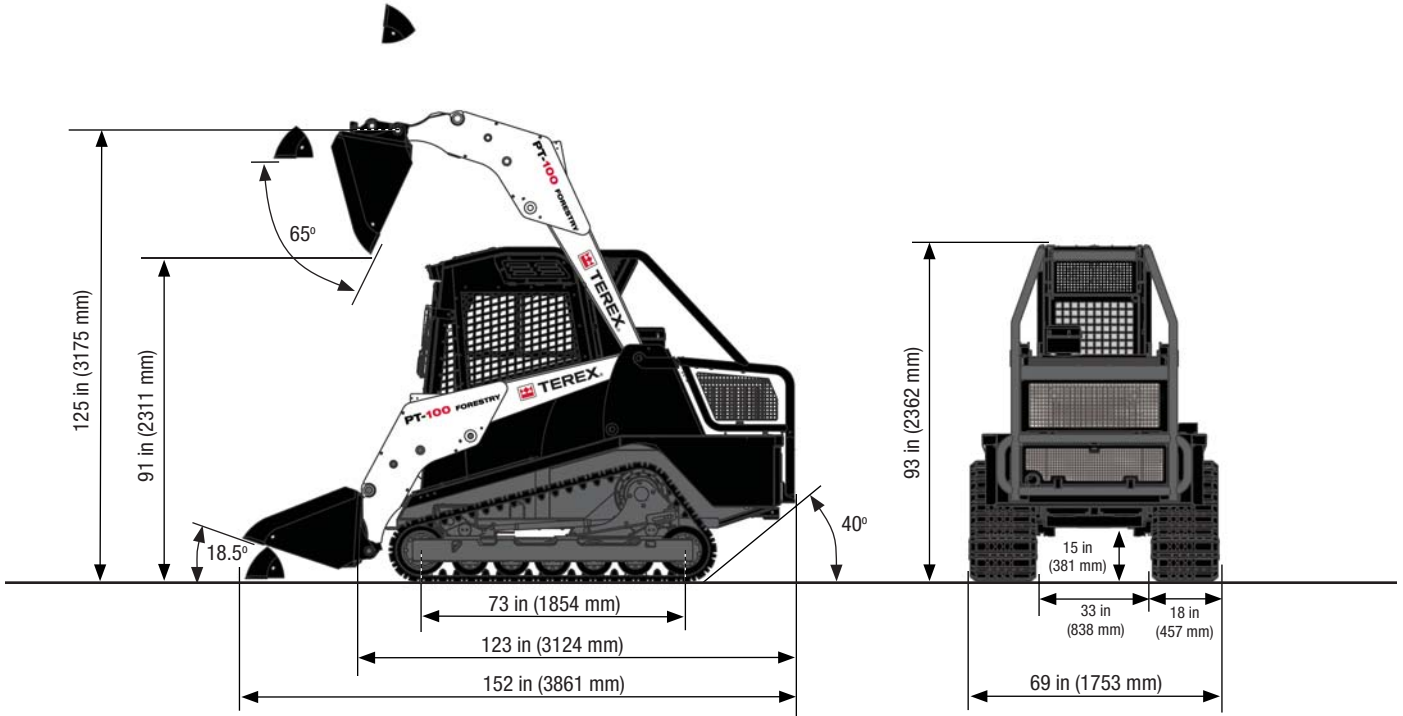
### Electrical System

Nominal charge	12 V
Battery	950 CCA
Charging system	85 amp alternator
Outlets	1-12 V port inside operator station
Wiring	Pre-wired for all factory-available accessories

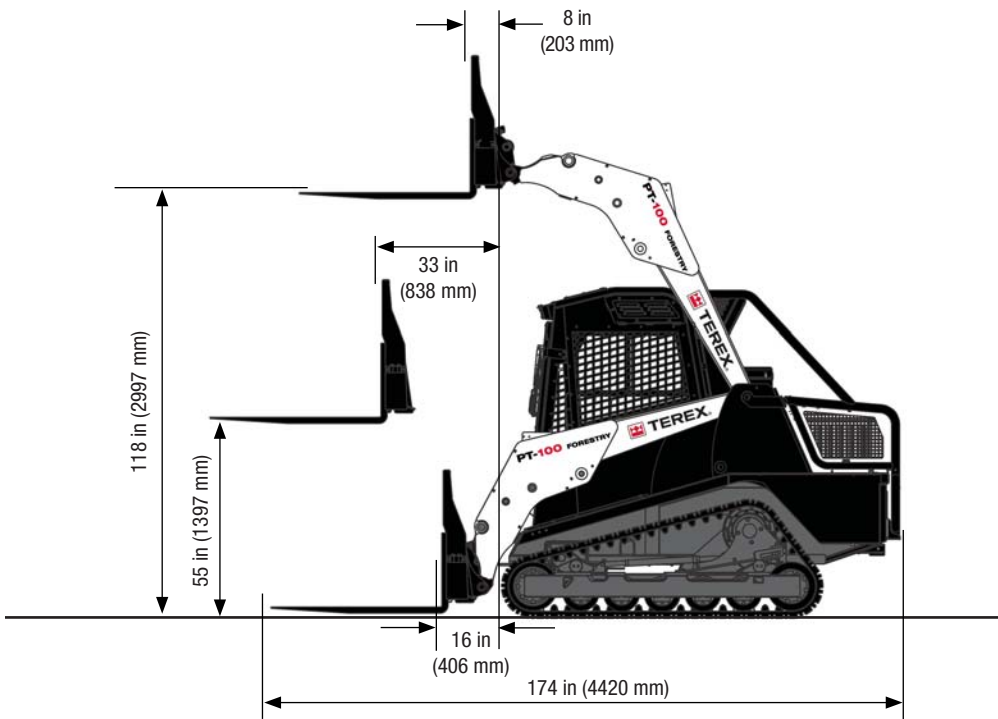
### Operator Station

Seat	Adjustable suspension seat with built-in operator presence switch, lap and shoulder belts.
Loader control	Right-hand pilot hydraulic joystick controls loader lift/lower and tilt, plus intermittent control of aux. hydraulic.
Drive control	Left-hand pilot hydraulic joystick controls machine speed and direction.
Engine speed	Hand throttle lever and foot pedal.
Indicators/gauges	- Engine oil pressure light - Hydraulic oil hot temperature light - Battery voltage low light - Coolant temperature gauge - Tachometer, fuel gauge and hourmeter
ROPS/FOPS	- SAE J2292 DEC2006 and J1084 SEPT2002. - ISO 3471:1994, 3449:2005 Level 2, 8082:2003, 8083:2006 and 8084:2003. - BC (British Columbia, CAN) WCB G603 MAR90.
Pressurization	- Positive air pressure inside cab helps prevent entry of dust and debris. - Dual air filters are located near roof level with quick, easy access for maintenance.
Illumination	4 - Forward-facing halogen lights, guarded 2 - Rear-facing halogen lights, guarded 1 - Interior light
Convenience	12 V power port
Other Cab Features	- Back-up alarm - Fire extinguisher - Emergency exits, front and rear - High efficiency climate control system (A/C, heat) - Heavy-duty polycarbonate door with positive seal
Operator station option	Beacon, rotating

**Dimensions: General Purpose Bucket**



**Dimensions: Pallet Fork Attachment**



## Attachment Interface and Attachments

The PT-100 Forestry comes standard with a hydraulically-operated loader-mounted quick attach interface that makes it quick and easy to mount a variety of different attachments.

The following attachments are available from Terex for the PT-100 so you are assured proper fit, balance and operation.

Auger & bits

Backhoe

Broom, rotary

Bucket, general purpose

Bucket, light material

Bucket, multi-purpose

Brush cutter, rotary

Dozer blade

Land leveler

Mulching head

Pallet forks

Power box rake

Snow blade

Snow blower

Stump grinder

Trencher

Vibratory roller

Effective date: December, 2008. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2008 Terex Corporation.

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