

COMPACT TRACK LOADER



Specifications

Operating Weight:	11100 lbs (5035 kg)
Tipping Load:	7600 lbs (3447 kg)
Ground Pressure:	4.3 psi (29 kPa)
Gross Engine Power:	111 hp (82.7 kW)

Features

- ▶ Interim Tier 4 Perkins engine with 332 ft-lbs of peak torque
- ▶ Hydraulic fan for optimum cooling and reduced engine HP draw
- ▶ Advanced undercarriage including multi-level suspension for exceptional traction and operator comfort.
- ▶ Two-speed hydrostatic drive system offers fast travel speed and high torque work speed. Selectable creep mode.
- ▶ Easy operation with pilot-operated joystick controls. Selectable ISO or "H" control pattern, and adjustable loader speed and sensitivity without sacrificing operating capacity or breakouts.
- ▶ Standard load sensing high-flow auxiliary hydraulics and high-capacity cooling system are ideal for demanding applications like brush cutting, mulching, cold planing and more.

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SPECIFICATIONS

OPERATING SPECIFICATIONS

Operating weight	11100 lbs (5035 kg)
Shipping weight	10040 lbs (4554 kg)
Ground pressure @ operating weight	4.3 psi (28 kPa)
Optional 20 inch track	3.9 psi (26 kPa)
Tipping load	7600 lbs (3447 kg)
	8030 lbs (3642 kg) with optional counter weight
Operating capacity, 50% tipping load	3800 lbs (1724 kg)
	4014 lbs (1821 kg) with optional counter weight
Operating capacity, 35% tipping load	2660 lbs (1207 kg)
	2810 lbs (1275 kg) with optional counter weight
Travel speed, low range	0-6 mph (9.7 kph)
Travel speed, high range	0-10 mph (16 kph)
Loader breakout force	6750 lbs (3062 kg)
Bucket breakout force	5750 lbs (2608 kg)

ENGINE

Type	Diesel, liquid cooled, 4 cylinder, turbo, after cooled
Model	Perkins 854E-E34TA
Displacement	207 in ³ (3.4 L)
Gross power rating @ 2200 rpm	111 hp (82.7 kW)
Torque, peak	332 lb-ft (450 Nm)
Cooling system	Hydraulic reversing fan and coolant/anti-freeze filled radiator
Engine block heater	Standard, AC plug-in type
Intake air cleaner	Dual stage
Emission controls	Meets all U.S. interim tier 4 Standards

UNDERCARRIAGE

Track Type: General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads. Three rows of track drive lugs molded in.	
Track width	Standard - 18 in (457 mm) Optional - 20 in (508 mm)
Length of track on ground	71 in (1,803 mm)
Ground contact area	2,556 in ² (1.65 m ²)
Ground contact area, opt. track	2,840 in ² (1.83 m ²)
Drive system	Two-speed radial piston motors connected to planetary reduction final drives.
Track drive sprocket	Elevated with low friction, replaceable sprocket rollers.
Undercarriage suspension	Two independent torsion axles suspend each track frame, plus four independent wheel carriages (4 wheels each) per track.
Roller Wheels: 24 high-density polyurethane and rubber wheels per track. Wheel bearings protected by metal-faced seals.	
Roller wheel diameter	Front & rear wheels - 15 in (381 mm) Middle wheels - 10 in (254 mm)



SERVICE CAPACITIES

Fuel tank	30 gal (114 L)
Hydraulic tank	22 gal (86 L)
Engine coolant/antifreeze	4.3 gal (12 L)
Engine oil, including filter	9 quarts (8.5 L)

AUXILIARY HYDRAULIC SYSTEM

Pump capacity: Low - Variable from 0-20 gpm (76 lpm). High - 45 gpm (170 lpm) adjustable from 30-45 gpm (114-170 lpm)	
System pressure, max.	
low flow	3,300 psi (22 753 kPa)
high flow	3,800 psi (25 166 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 side-by-side radiator and oil cooler	

ELECTRICAL SYSTEM

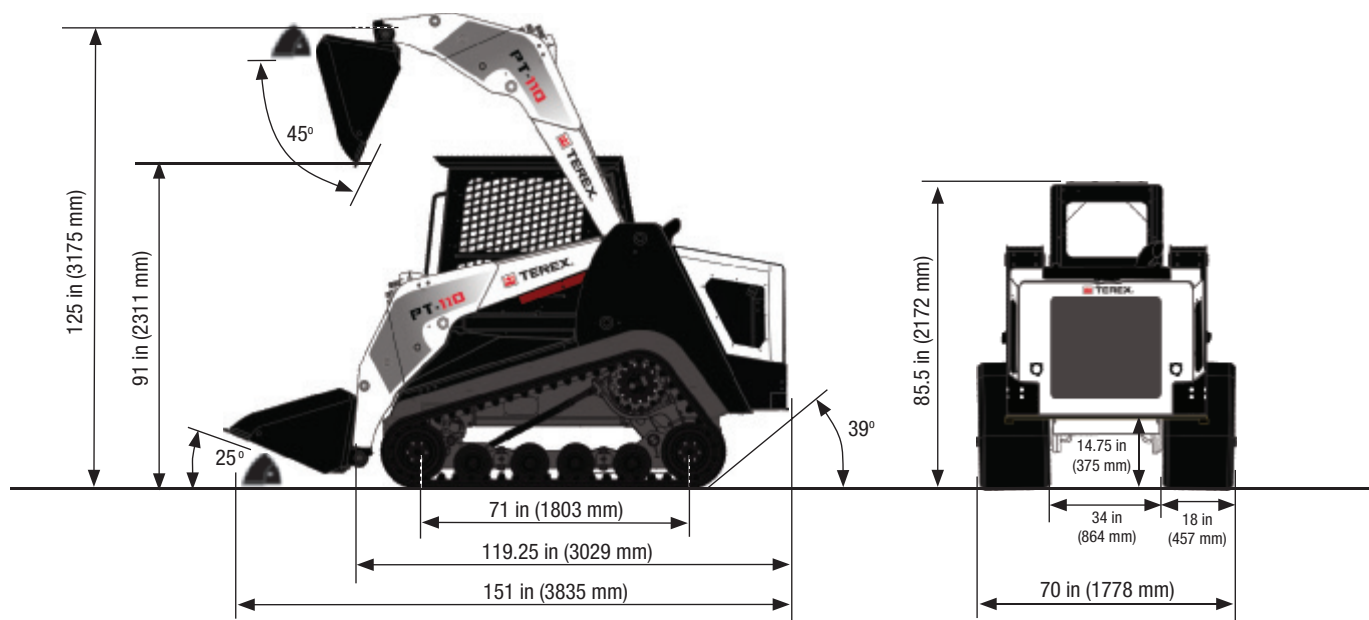
Nominal charge	12 V
Battery	950 CCA
Charging system	120 amp alternator
Outlets	1-12 V port inside operator station
Wiring	Pre-wired for all factory-available accessories

OPERATOR STATION

Cab: Sealed and pressurized cab. All weather cab is optional.		
Seat: Adjustable suspension contour vinyl seat with built-in operator presence switch, lap bar and 2-inch (51 mm) wide seat belt.		
Loader control: Right-hand electric over hydraulic pilot hydraulic joystick controls loader lift/lower and tilt, plus intermittent control of auxiliary hydraulic.		
Drive control: Left-hand electric over hydraulic joystick controls machine speed and direction. Selectable control pattern from ISO to H.		
Engine speed	Foot pedal.	
Indicators/gauges	Fuel Level Tachometer Hour Meter Coolant Temp. Gauge Oil Temp. Gauge	Oil Temp. Warning Light Engine Oil Pressure Gauge Engine Oil Pressure Warning Battery Low Voltage Indicator Two-Speed Indicator
ROPS	Meets J1040 MAY94, ISO 3471:1994	
FOPS	Meets SAE j1043 sept87, ISO 3449:1992	
Illumination	2 - Fixed forward-facing halogen lights 2 - Rear-facing halogen lights 1 - Interior light	
Convenience	12 V power port	



DIMENSIONS: GENERAL PURPOSE BUCKET



OPTIONAL ATTACHMENTS

Auger & bits	Bucket, multi-purpose	Pallet forks	Trencher
Backhoe	Brush cutter, rotary	Power box rake	Vibratory roller
Broom, rotary	Dozer blade	Snow blade	
Bucket, general purpose	Land Leveler	Snow blower	
Bucket, light material	Mulching head	Stump grinder	

OPERATOR STATION OPTIONS

Beacon, rotating	AM/FM/MP3 radio with speakers	Pressurized and sealed all-weather cab enclosure with A/C, heater and wiper
Bucket positioning, up and down	Front door, (glass)	
Windows, side, sliding	Pressurized and sealed cold weather cab enclosure with heater and wiper	

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