

# 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 <sup>3</sup> (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

|  |  |
|--|--|
| <b>Track Type:</b> 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)<br>Optional - 20 in (508 mm)   |
| Length of track on ground  | 71 in (1,803 mm)   |
| Ground contact area  | 2,556 in <sup>2</sup> (1.65 m <sup>2</sup> )   |
| Ground contact area, opt. track  | 2,840 in <sup>2</sup> (1.83 m <sup>2</sup> )   |
| 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)<br>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

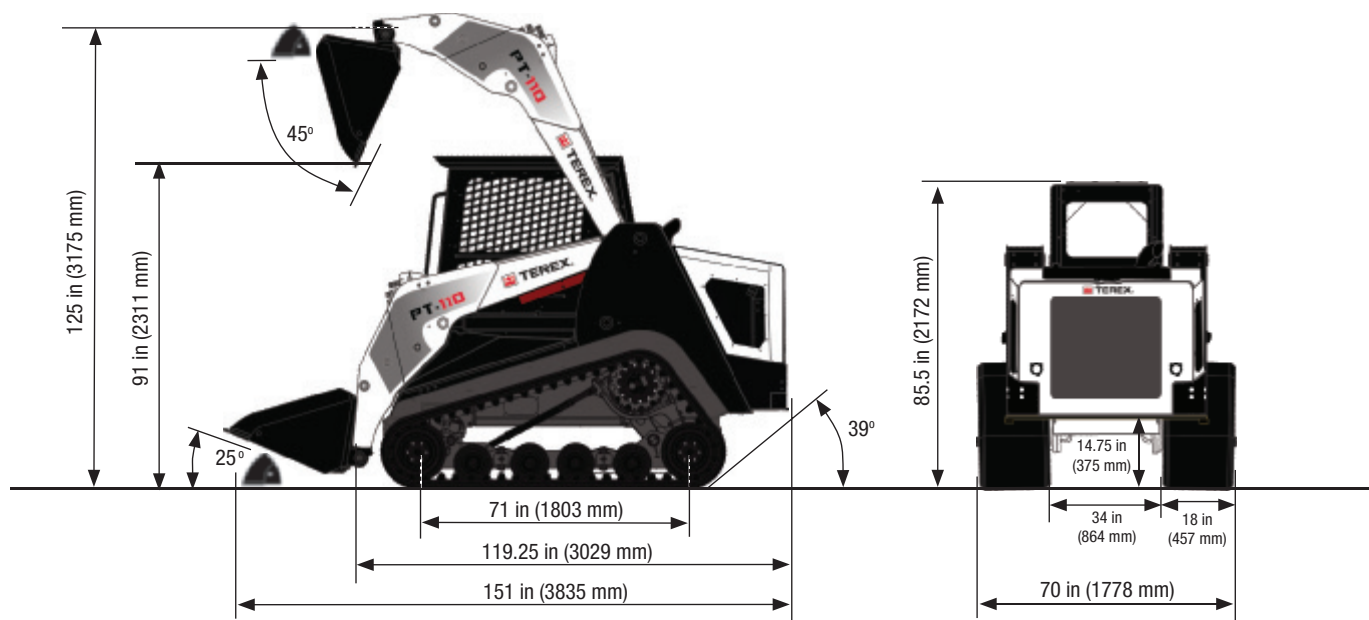
|                 |   |
|-----------------|---|
| Nominal charge  | 12 V  |
| Battery         | 950 CCA   |
| Charging system | 120 amp alternator                              |
| Outlets         | 1-12 V port inside operator station             |
| Wiring          | Pre-wired for all factory-available 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<br>Tachometer<br>Hour Meter<br>Coolant Temp. Gauge<br>Oil Temp. Gauge                | Oil Temp. Warning Light<br>Engine Oil Pressure Gauge<br>Engine Oil Pressure Warning<br>Battery Low Voltage Indicator<br>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<br>2 - Rear-facing halogen lights<br>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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