



ST-50 TRACKED UTILITY VEHICLE



Brief Specifications

Operating Weight:	4,562 lb (2069 kg)
Bed Capacity:	4,000 lb (1814 kg)
Ground Pressure:	2.56 psi (17.6 kPa)
Gross Engine Power:	50 hp (37.3 kW)

- Highly mobile work vehicle with exceptional carrying capacity. Suspended rubber track undercarriage gives optimum flotation and traction for travel over soft, wet or sensitive ground conditions. High capacity fuel tank gives extended travel range.
- Very low ground pressure allows travel on soft or sensitive surfaces with minimal damage or impact.
- Easy, intuitive operation with responsive steering wheel and unique Quick-Shift™ foot pedal for travel control. Two-speed hydrostatic drive system offers fast travel speed and high torque work speed.
- Optional auxiliary hydraulics and quick couplers for power to attachments at front or on bed. The ST-50 is configurable for many applications with Terex® or third-party attachments.



Specifications

Operating Specifications (standard equipment)

Operating weight	4,562 lb (2069 kg)
Shipping weight	4,220 lb (1914 kg)
Ground pressure @ operating weight	2.56 psi (17.6 kPa)
Bed capacity	4,000 lb (1814 kg)
Towing capacity	5,000 lb (2268 kg)
Gross vehicle weight	9,000 lb (4082 kg)
Travel speed, low range	0-6 mph (9.7 kph)
Travel speed, high range	0-11 mph (17.7 kph)

Engine

Type	Diesel, 4-cylinder, naturally-aspirated
Model	Perkins 404D-22
Displacement	134 in ³ (2.2 L)
Gross power rating @ 2800 rpm	50 hp (37.3 kW)
Torque, peak	105 ft-lb (143 Nm)
Cooling system	Engine-driven 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. EPA Tier 3 standards

Undercarriage

Track type	<ul style="list-style-type: none"> - General purpose track constructed of rubber compound with embedded co-polymer cords and all-purpose treads. - Single row of track drive lugs molded in. - Turf Track with smooth tread available as an optional. - Extreme Terrain Track with aggressive treads and 16.5 in. (419 mm) width available as an option.
Track width (general purpose and Turf Tracks)	15 in (381 mm)
Length of track on ground	59 in (1499 mm)
Ground contact area	1,770 in ² (1.14 m ²)
Drive system	Two hydrostatic direct drive sprockets. Forward and reverse travel speed is controlled by a foot control, steering direction controlled by a steering wheel.
Track drive sprocket	Low friction, replaceable sprocket rollers.
Undercarriage suspension	Two independent torsion axles per undercarriage.
Roller wheels	10 high-density polyurethane and rubber wheels per track. Wheels include sealed bearings.
Roller wheel diameters	Front wheels - 14 in (356 mm); other wheels - 10 in (254 mm)

Auxiliary Hydraulic System (optional)

Pump capacity	16.3 gpm (61.7 lpm)
System pressure, max.	3,000 psi (20 670 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 front bumper and behind operator station.
Cooling system	High efficiency oil cooler beside engine radiator, not stacked.

Electrical System

Nominal charge	12 V
Battery	770 CCA
Charging system	65 amp alternator
Outlets	2-12 V ports on rear console
Wiring	Pre-wired for all factory-available accessories

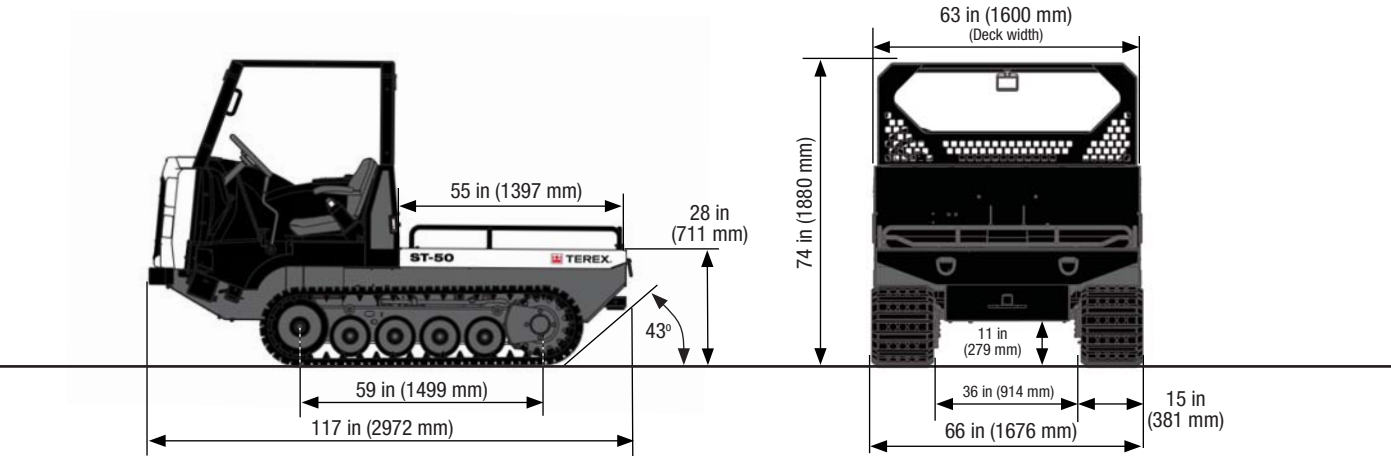
Operator Station

Seats	Two adjustable contour vinyl seats with built-in presence switch and 3-inch (76 mm) wide seat belts
Steering control	Low-effort steering wheel
Drive control	Quick-Shift™ foot pedal, forward/reverse
Engine speed	Hand throttle lever
Indicators/gauges	<ul style="list-style-type: none"> - Engine oil low-pressure light - Hydraulic oil high-temperature light - Engine high-temperature light - Low battery voltage light - Fuel gauge - Hourmeter
ROPS	Meets SAE J1040 MAY94, ISO 3471:1994
Illumination	<ul style="list-style-type: none"> 2 - adjustable forward-facing halogen lights 1 - Adjustable rear-facing halogen light
Convenience	2-12 V power ports
Other standard features	<ul style="list-style-type: none"> - Back-up alarm - Horn - Receiver hitch
Operator station options	<ul style="list-style-type: none"> - Beacon, rotating - Canopy and rear window - Floor mats - Cold-weather cab with wiper and heater - Windshield, tilt-out (glass)

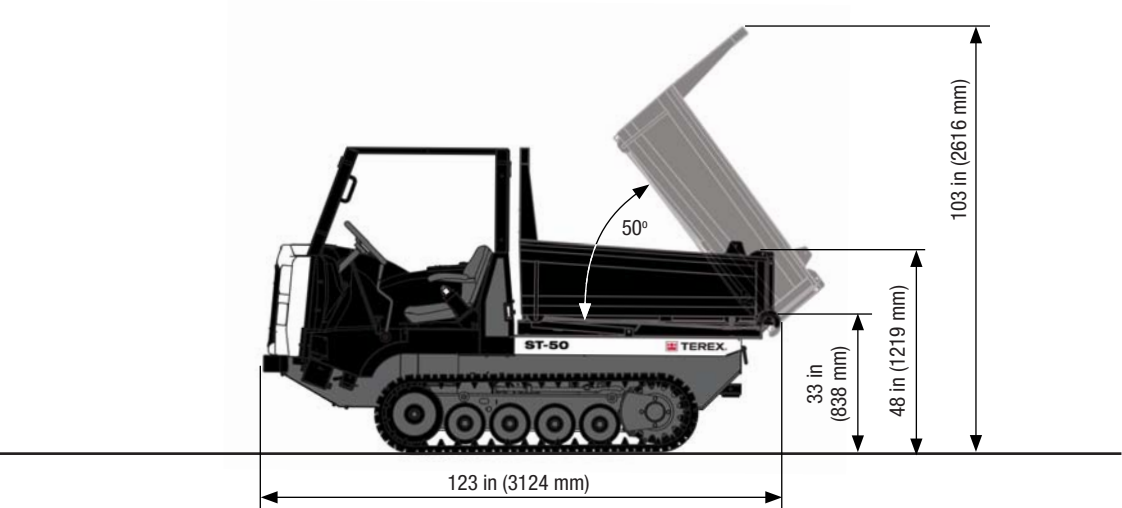
Service Refill Capacities

Fuel tank	30 US gal (114 L)
Hydraulic tank	10 US gal (38 L)
Engine coolant/antifreeze	2 US gal (7.5 L)
Engine oil, including filter	11.2 quarts (10.6 L)

Dimensions: Standard Flatbed



Dimensions: Equipped with Optional Dump Box



Attachments

The ST-50 can be outfitted with a wide range of attachments from Terex and third-party manufacturers. The following attachments are available from Terex.

Industrial dump box (req. aux. hydraulics)

Headache rack for dump box

Snow blade, (req. aux. hydraulics)

Four passenger carrier

Front hitch/aux. hydraulics coupler cover

Rails for flat bed

Brush guarding

Fold-up step for rear hitch

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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