

Vermeer®

Hydrostatic Tractor

XTS 1250



XTS1250

The Power of Steel

Side hills and inclement weather create challenging worksites, making productivity difficult. That's why the Vermeer® XTS1250 features an innovative steel quad track design that keeps you firmly on task — with greater stability and flotation, aggressive traction, and lower ground pressure. The XTS1250 can help you work in adverse weather and ground conditions.

The steel tracks on the XTS1250 are designed to conquer rugged and sharp terrain. So whether you're working on rural water lines, cross-country utility installations, or other off-road applications, you can count on the tractive effort to help boost your performance. Planetary axles with differential locks help provide equal torque distribution to reduce turf damage and axle stress, and the hydraulic controls rotate with the driver's seat to increase visibility and ease of operation.

Attachment options for this unit include a plow and reel carrier. Whatever the job, the XTS1250 has the power and traction to do it right.



Steel quad track system

Four independent steel tracks offer improved flotation and traction without sacrificing traditional rubber-tire advantages like four-wheel steer and crab steering.



Rear steer with auto-center option

This push-button option makes the XTS1250 easier to operate and reduces the time spent centering the rear tracks. Particularly helpful in confined spaces, rear steer with auto-center helps you spend less time maneuvering and more time on the job at hand.



Four tracks for optim



Drawbar pull

With the weight and tractive effort provided by the steel quad track system, the XTS1250 offers 27,000 lb (12,247 kg) of drawbar pull.

um traction



Reel carrier

A 2.5" (6.4 cm) diameter reel shaft supports up to a 5000 lb (2268 kg) reel and offers easy-loading capabilities.



Plow

The plow attachment installs product up to 42" (106 cm) in depth.



Swiveling operator station

Hydraulic controls rotate with the operator seat to enhance ease of operation and visibility of the rear attachment.



Cummins engine with power bulge

As the engine rpm drops from 2500 to 2300 under load, the Cummins engine employs a "bulge" that boosts the horsepower from 120 to 125 (89 – 93 kW). This increases performance by allowing the machine to run at maximum power in work mode.

XTS1250 Specifications

General

Weight (basic tractor): 17,950 lb (8140 kg)
Length (basic tractor): 11.9' (3.6 m)
Width (basic tractor): 100" (254 cm)
Height (with 4-post ROPS): 119" (302 cm)
Wheel base from centerline of axles: 76" (193 cm)
Ground clearance: 21" (53 cm)
Rollover protective structure (4-post ROPS):
30,000 lb (13,600 kg) gross vehicle rating

Capacities

Fuel tank: 39.6 gal (150 L)
Hydraulic tank: 27.5 gal (104 L)
Hydraulic system: 30.5 gal (115.5 L)
Coolant: 6.5 gal (24.6 L)

Engine

Make and model: Cummins QSB4.5TAA
Aspiration: Turbocharged and charge air cooled
Rated horsepower at 2500 rpm (gross):
120 hp (89.5 kW)
Horsepower @ 2500 rpm (net): 110 hp (82 kW)
Max horsepower @ 2300 rpm (gross): 125 hp
(93 kW)
Torque (max @ 1700 rpm): 350 ft-lb (475 Nm)
Torque rise: 38%
Displacement: 275 cu in (4.50 L)
Number of cylinders: 4
Bore: 4.21" (10.7 cm)
Stroke: 4.88" (12.4 cm)
Cooling medium: Liquid
Compression ratio: 17.2:1
*Maximum operating angle (fore / aft):
37° up, 47° down
*Maximum operating angle (left / right): 43°
Fuel system: Electronic
Fuel consumption (max at full load): 7.08 gph
(32.2 L/h)
Fuel type: Diesel
Air cleaner: Two-stage with safety element

**Engine operating angles do not indicate safe machine operating angles.*

Hydraulics

Auxiliary gpm @ 2500 rpm:
18.5 gpm (84.1 L/min)
Auxiliary pump relief pressure:
2500 psi (172 bar)
Ground drive gpm @ 2500 rpm:
30.3 gpm (137.7 L/min)
Ground drive pump relief pressure:
6090 psi (420 bar)
Attachment pump relief pressure:
2460 psi (170 bar)
Attachment pump gpm @ 2500 rpm:
49.5 gpm (225 L/min)

Ground Drive

Ground drive type: Hydrostatic
Pump type: Variable displacement axial
piston pump
Forward / reverse foot pedal control: Yes
Max forward / reverse transport speed at full
throttle: 7.1 mph (11.4 km/h)
Max forward / reverse creep speed at full
throttle: 0.9 mph (1.44 km/h)
Number of track assemblies: 4
Ground pressure (with plow and empty reel
carrier): 7.4 psi (.51 bar)
Track contact length: 39.5" (100 cm)
Track pad type: Steel, single grouser
Track width: 19.5" (49.5 cm)

Axle

Front axle type: Steerable planetary with
100% differential
Rear axle type: Steerable planetary with
100% differential
Front axle load rating: 35,970 lb (16,316 kg)
Rear axle load rating: 35,970 lb (16,316 kg)
Oscillation angle front: 10°
Outside turning diameter (front steer only):
54' (16.5 m)
Outside turning diameter (front and rear steer):
34' (10.4 m)

Electrical system

System voltage: 12 V
Battery CCA rating: 1000 amp
Battery reserve capacity: 300 min
Battery group class: 4D-XHD
Alternator current rating: 95 amp

Brakes

Primary service: Hydrostatic
Secondary service: Hydraulic-actuated
wet multidisc
Parking: Spring-applied, hydraulic-release
(SAHR) wet multidisc

Plow

Weight (without blade): 2860 lb (1297 kg)
Plow drive type: Hydrostatic
Max transport length: 101" (257 cm)
Max transport height: 108" (274 cm)
Max plow depth: 42" (107 cm)
Max plow steer angle: 30°
Maximum shaker force at 1800 rpm:
35,906 lb (16,287 kg)
Plow swing angle: 30°

Reel Carrier

Weight: 1340 lb (609 kg)
Reel shaft diameter: 2.5" (6.35 cm)
Maximum reel width: 54" (137.16 cm)
Capacity: 5000 lb (2268 kg)
Maximum diameter reel: 96" (243.84 cm)



Quality Parts and Service



Get the parts and service edge. In addition to providing quality equipment, Vermeer delivers top-quality parts and superior services. Vermeer parts are manufactured to exacting specifications to help keep your Vermeer equipment running trouble-free and at OEM specifications.



Vermeer offers factory training programs to its dealer network to ensure that the most current service procedures are presented to the service personnel of your Vermeer dealer.



Genuine Vermeer parts are precision crafted to match your Vermeer equipment EXACTLY. This ensures that your system will run as smoothly as possible, with the least amount of service and maintenance.



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