

**Vermeer**<sup>®</sup>

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.*



**Vermeer EMEA**  
(Europe, Middle East, Africa and CIS)  
P.O. Box 323  
4460 AS Goes  
the Netherlands  
Phone: +31 113 272700  
Fax: +31 113 272727

**Vermeer Corporation**  
1210 Vermeer Road East  
P.O. Box 200  
Pella, Iowa 50219 U.S.A.  
Phone: (641) 628-3141  
Fax: (641) 621-7773  
International fax: +1 (641) 621-7730  
[www.vermeer.com](http://www.vermeer.com)

**Vermeer Asia Pacific**  
48 Toh Guan Road East  
#01-105 Enterprise Hub  
Singapore 608586  
Phone: +65 6516 9560  
Fax: +65 6515 9218

**Call toll-free 1-888-VERMEER**  
*1-888-837-6337 (USA only)*

Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information on machine specifications. Vermeer Corporation reserves the right to make changes in engineering, design, and specifications; add improvements; or discontinue manufacture at any time without notice or obligation. VERMEER and the VERMEER LOGO are trademarks of Vermeer Manufacturing Company in the U.S. and / or other countries. CUMMINS is a trademark of Cummins Engine Company. © 2008 Vermeer Corporation. All Rights Reserved.