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When you need service, you can count on your local Vermeer dealer. With multiple locations, remote service trucks, and factory-offered technician training, your local Vermeer dealer offers reliable service that keeps your equipment running.



Vermeer parts are designed and manufactured to original specifications, so whether they're new parts or replacement parts, they'll live up to the Vermeer name.



Vermeer EMEA
Nijverheidsstraat 20
4458AV 's-Heer Arendskerke
The Netherlands
Tel: +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

Call toll-free 1-888-VERMEER
1-888-837-6337 (U.S.A. only)

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

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.
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Vermeer®

Hydrostatic Trencher

RTX100



RTX100

Hydrostatic Trencher

All the Work — Without the Workout

Walk-behind trenchers are ideal for a variety of projects, and now Vermeer has one that’s so easy to use it hardly seems like work. The RTX100 features our exclusive VZ steering system, which makes steering a breeze — even in the tightest of turns. With the RTX100, users can maneuver easily into confined jobsites and even counterrotate from a stationary position.

Equipped with interchangeable tires or tracks, the RTX100 offers a whole new level of flexibility and versatility for the jobsite. The rubber tracks enhance floatation and tractive effort when working in difficult ground conditions. Simply bolt on the rubber tires for optimal maneuverability.

The RTX100 offers the durability and rugged construction expected in Vermeer equipment, and its easy operation makes it a smart addition to any fleet.

Engine options.

Two engine options are available, including a 13 hp (9.7 kW) Honda gas engine and a 14 hp (10.4 kW) Kohler gas engine.

VZ steering system.

This system allows the operator to steer with minimal effort, simply by applying light pressure to the handlebars. The VZ steering system eliminates the need for additional levers and steering wheels, helping to reduce training time. The directional control bar also provides an additional leverage point in difficult conditions.

Zero-turn steering.

This feature allows the RTX100 to counterrotate while stationary, making it easier to maneuver around obstacles and into confined jobsites.

Oscillating tracks.

For improved traction on uneven ground and ease of loading/unloading from a trailer, the tracks oscillate up to 20 degrees.

Interchangeable tires and tracks.

Switch from tires to tracks and back again to achieve maximum productivity in varying ground conditions.

Leave it like you found it.

Choose the optional backfill blade to aid restoration.

RTX100 Specifications

General

Weight (basic tractor with tracks): 1090 lb (494.4 kg)
Weight (basic tractor with tires): 910 lb (412.8 kg)
Length (basic tractor): 81.4" (206.8 cm)
Width (basic tractor with tires): 35" (88.9 cm)
Width (basic tractor with tracks): 32.5" (82.6 cm)
Height (basic tractor with tires): 46" (116.8 cm)
Height (basic tractor with tracks): 46" (116.9 cm)
Wheelbase from centerline of axle: 34.2" (86.9 cm)
Tread width (tires): 8.5" (21.6 cm)
Track contact length: 19" (48.3 cm)
Track width: 7" (17.8 cm)

Engine

	Option 1	Option 2
Make and model:	Honda GX390	Kohler CH440
Fuel type:	Gasoline	Gasoline
Gross horsepower:	13 hp (9.7 kW)	14 hp (10.4 kW)
Displacement:	23.7 cu in (388.4 cu cm)	24.7 cu in (404.8 cu cm)
Number of cylinders:	1	1
Cooling medium:	Forced air	Forced air
Aspiration:	Natural	Natural
Maximum operating angle: (fore / aft)*	25°	25°
Maximum operating angle: (left / right)*	25°	25°
Either pull or electric start available:	Yes	Yes

Capacities

Fuel tank: 1.6 gal (6.1 L)
Hydraulic tank: 12 gal (45.4 L)
Hydraulic system: 12.5 gal (47.3 L)
Engine oil: .3 gal (1.1 L)

Hydraulic system

Pump type: Tandem piston pump
Ground drive gpm @ max engine rpm: 5.4 gpm (20.4 L/min)
Attachment pump gpm @ max engine rpm: 8 gpm (30.3 L/min)

Ground drive

Ground drive type: Hydrostatic
Max forward transport speed at full throttle: 288 ft/min (87.8 m/min)
Max reverse transport speed at full throttle: 90 ft/min (27.4 m/min)
Steering type: VZ steering system

Trencher

Boom length: 24", 30" (61 cm, 76.2 cm)
Cutter width: 4" – 6" (10.2 cm – 15.2 cm)
Auger diameter: 16" (40.6 cm)
Auger outboard bearing support: Standard
Crumber: Optional
Restraint bar: Standard

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

