

Vermeer®

Hydrostatic Trencher

RT 350



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RT350

Vermeer RT350 Ride-on Trencher

*Trenching performance
in a compact package.*

Its compact design and user friendly features make the Vermeer hydrostatic RT350 riding trencher the ideal machine for contractors tackling smaller projects. A step up in size from walk-behind trenchers, the RT350's backfill blade with float position can backfill trenches, giving projects a more finished look.

Powered by a 37 hp (28 kW) Cummins A1700 diesel engine, the RT350 offers a disc/caliper park brake, a 42-inch (107 cm) wheel base, and cutters supported by bolts through both side plates of the trencher chain assembly. Capable of trenching depths to 48 inches (122 cm), the RT350 can trench widths from 5 to 12 inches (13 to 30 cm).

***Equipment utilization,
affordably priced.***

Don't be surprised that Vermeer knows the buzzwords around your rental business. Vermeer understands how choosing the right machine for your rental business can impact your bottom line. That's why Vermeer introduced the RT350 to fulfill the needs of its rental customers. Priced affordably, the RT350 offers the reliability that customers have come to expect from Vermeer trenchers.

Compact design. Simpler more when it comes to th



Hydrostatic trencher & ground drive. Fewer moving parts, less maintenance while offering power and adjustability.



Power packed performance. A 37 hp (28 kW) liquid cooled Cummins A1700 diesel engine gives the operator power and performance in various trenching applications.



Conveniently located color coded operator controls. With all the attachment controls grouped on the right side of the operator's seat, operating the machine's attachments is more convenient.



HYDROSTATIC TRENCHER

features. Less really is the Vermeer RT350.



Backfill capability. Restoration costs are minimized and projects have a more finished look when trenches are filled using the RT350 backfill blade. Helps reduce the manual labor required for backfilling.

Patented creep override. The exclusive Vermeer ground drive foot pedal with patented creep override controls forward and reverse speeds without manual shifting, leaving the operator's hands free to control attachment levers helping to increase job site productivity.

Uncluttered operator's platform. An uncluttered operator's platform makes mounting and dismounting from the operator's seat easier.



RT350 Specifications

General

Weight (tractor w/ backfill blade only): 2990 lb (1356 kg)
Length (tractor and 4-way backfill blade): 96" (244 cm)
Width: 56.5" (143.5 cm)
Height (w/roll bar): 85" (216 cm)
Wheel base: 42" (107 cm)
Tread width: 45" (114 cm)
Ground clearance: 7" (18 cm)
ROPS: 2 post

Capacities

Fuel tank: 10.5 gal (39.7 L)

Engine

Make and model: Cummins A1700 1.7L
Horsepower at 2800 rpm (gross): 37 hp (28 kw)
Horsepower at 2800 rpm (net): 33 hp (25 kw)
Torque (max @ 1600 rpm): 81 ft-lb (110 Nm)
Displacement: 104 cu in (1704 cu cm)
Number of cylinders: 3
Cooling medium: liquid
Compression ratio: 21.3 to 1
Max. continuous engine operating angle (fore and aft):
20 degrees
Max. continuous engine operating angle (left and right):
20 degrees
Fuel type: Diesel
Air cleaner: Dry with safety element

Hydraulics

Auxiliary gpm @ 2800 rpm: 10.7 gpm (40.5 L/min)
Auxiliary pump relief: 2500 psi (172 bar)
Ground drive gpm @ 2800 rpm: 34 gpm (129 L/min)
Ground drive relief: 3625 psi (250 bar)
Trencher pump relief: 4060 psi (280 bar)
Trencher pump gpm @ 2800 rpm: 30.3 gpm (114.7 L/min)
Hydraulic tank: 6.5 gal (32.2 L)

Ground Drive

Pump type: Hydrostatic
Creep override: Yes
Forward/reverse foot pedal control: Standard
Tires considered with travel speed: 26 x 12 - 12 tires
Travel speed auto/max transit: 4.3 mph (6.9 km/h)

Axle

Front type: Dana 44
Rear type: Dana 44
Differential (front): Without LS
Differential (rear): Rigid with LS
Turning radius: 23.5' (7 m)

Trencher Boom

Trencher depth range: 0" - 48" (0 cm - 122 cm)
Trencher width range: 5" - 12" (13 cm - 30 cm)

Brakes

Service: Foot pedal - Hydrostatic
Parking: Hand Lever - Caliper Disc

Backfill Blade

Width: 56.5" (143.5 cm)
Height: 15" (38 cm)

Your Complete Global Service Provider for 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-certified 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 to 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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