

Vermeer RT450 Utility Trencher



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Built to tough it out. The hydrostatic RT450 riding trencher/plow is designed to provide contractors and rental center operators ease of operation, powerful performance and rugged reliability. The RT450 features a center-mounted backhoe operator seat, automotive-style steering, a servo-controlled ground-drive system, an uncluttered operator platform and a fiberglass hood which offers easy engine access. When the operator leaves the seat with the trencher attachment or ground drive engaged, an Operator Presence System automatically shuts down the engine.

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CLOSE WINDOW

BASIC UNIT

Weight base tractor w/backfill blade	U.S. 3380 lbs
Length base tractor w/ backfill blade	97"
Width	58"
Maximum Height	85"
Wheel Base	46"
Ground Clearance	7.6"
Tread Width	46"
ROPS Rating	7000 lbs

ENGINE

Make and Model	U.S. Cummins A1700Deutz F3L2011
Aspiration	Naturally aspirated
HP @ 2800 RPM Gross	42.2 HP
Horsepower (net)	41.7 HP
Maximum Torque	101 ft-lb
Displacement	142.2 cu-in
Number of Cylinders	3
Cooling Method	Air/Oil
Max Operating Angle (fore & aft)	25 deg
Max Operating Angle (left & right)	25 deg
Fuel Type	Diesel
Air Cleaner	Dry primary filter with safety element

ELECTRICAL

System Voltage	U.S. 12 Volt
Battery CCA Rating	660 CCA
Alternator Current Rating (amp)	60 Amp

CAPACITIES

Fuel Tank Capacities	U.S. 14 gal
Engine Oil with Filter	6 qt
Hydraulic Tank	9 gal
Hydraulic System	12.5 gal

GROUND DRIVE - GENERAL

Ground Drive Type	U.S. Hydrostatic
Clutch Type	0

BRAKES

U.S.

STEERING

Type	U.S. Hydraulic
Outside Turning Diameter (front steer only, tires)	12.75'
Outside Turning Diameter (front/rear steer, tires)	9.5'
Rear Steer Control Type	Hydraulic

CENTER MOUNT TRENCHER

Model Name	U.S. TR450
Drive Type	Hydrostatic
Weight - Includes boom/chain	1160 lbs
Maximum Digging Depth	60"
Maximum Cutting Width	12"
Minimum Cutting Width	5"

SLIDING OFFSET TRENCHER-RUBBER TIRE ONLY

Model Name	U.S. SO450
Drive Type	Hydrostatic
Maximum Digging Depth	60"
Minimum Cutting Width	5"
Maximum Cutting Width	12"

PLOW

Model Name	U.S. VP40
Weight includes blade	980 lbs
Plow Depth Range	24"

BACKHOE

Model Name	U.S. B450
Weight With Largest Bucket	1500 lbs
Maximum Digging Depth	77.75"
Swing Arc	170 deg
Maximum Swing Torque	3400 ft.lbs
Leveling Angle	0 deg
Bucket Rotation	124 deg

BACKFILL BLADE

Model Name	U.S. 6-way blade
Maximum Width	54"
Maximum Height	15"
Maximum Swing Angle	30 deg
Maximum Lift Above Ground	13.5"
	10"
Maximum Tilt Angle	12 deg
Angle of Approach	23 deg

PORTA BORE

Drive Type	U.S. Hydraulic
Maximum RPM @ full throttle	0 rpm
Maximum Torque	0 ft-lb
Direction of Rotation	CW/CCW
Rod Length	10'

Name: Date: Price: \$

Salesperson: Signature: _____

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