

RTX450

RIDE-ON TRACTOR



MANEUVERABILITY. A class-leading compact turning diameter allows the RTX450 to perform in narrow jobsites – especially in residential areas.



IN CONTROL. A common control system across the entire RTX lineup can help improve operator efficiency when operating Vermeer ride-on tractors.



THE PRODUCTIVITY DIFFERENCE. Experience a productivity difference due to a 14% increase in horsepower (as compared to the RT450), while the Tier 4 Final or interim compliant engine allows you to meet local emissions requirements.



MEET YOUR JOBSITE STANDARDS. With a 26" (66 cm) tire standard-duty axle option, and the 29" (73.7 cm) tire and industry-exclusive quad track heavy-duty axle options, choose the configuration that works best for your jobsite requirements.



MAKE SENSE OF YOUR TRENCH. When difficult conditions are encountered while trenching causing a sudden drop in engine speed, the TrenchSense™ feature automatically pauses the forward motion of the tractor to prevent engine shutdown and recalibration of the machine controls. Once pre-set engine and trencher speed recovers, forward AutoCreep resumes. The sequence occurs within seconds and requires no operator adjustment.



GROUND DRIVE POWER. An electronically controlled hydraulic pump provides operators with more precise control and greater efficiency in comparison to machines with manually controlled pumps.

RTX450 RIDE-ON TRACTOR

GENERAL WEIGHTS AND DIMENSIONS

Weight [basic tractor, 26" (66 cm) tire]: 4507 lb (2044.3 kg)

Weight (basic tractor, tracks): 6205 lb (2814.5 kg)

Length (basic tractor, tires): 109" (276.9 cm)

Length (basic tractor, tracks): 114" (289.6 cm)

Width (basic tractor, tires): 60" (152.4 cm)

Width (basic tractor, tracks): 64" (162.6 cm)

Height [basic tractor, 26" (66 cm) tire]: 88.7" (225.3 cm)

Height [basic tractor, 29" (73.7 cm) tire]: 90.3" (229.4 cm)

Height (basic tractor, tracks): 92.6" (235.2 cm)

Roll-over protection structure (2-post ROPS): 10,000 lb (4535.9 kg)

Tread width [26" (66 cm) tire, centerline to centerline]: 48" (121.9 cm)

Tread width [29" (73.7 cm) tire, centerline to centerline]: 50" (127 cm)

Tread width (tracks, centerline to centerline): 48.8" (124 cm)

Ground clearance [26" (66 cm) tire]: 7.4" (18.8 cm)

Ground clearance [29" (73.7 cm) tire]: 9" (22.9 cm)

Ground clearance (tracks): 9.85" (25 cm)

Wheel base (centerline of axles): 48" (121.9 cm)

ENGINE

Make and model: Deutz 2.9L D Tier4F

Noise level at operator's ear: 94.5 dB(a)

Manufacturer's gross hp rating: 49 hp (36.5 kW)

Max torque: 108 ft-lb (146.4 Nm)

Cooling medium: Oil/Coolant fluid

Fuel type: Ultra-low sulfur diesel

EPA certification family: Tier 4 Final/Tier 4i (EU Stage IIIB)

CAPACITIES

Fuel tank: 17.6 gal (66.6 L)

Hydraulic tank: 13 gal (49.2 L)

Hydraulic system: 14.8 gal (56 L)

Coolant: 1.7 gal (6.4 L)

HYDRAULIC SYSTEM

Ground drive pump capacity: 30.1 gpm (113.9 L/min)

Ground drive pump relief (fwd/rev): 5080 psi (350.3 bar) and 4350 psi (299.9 bar)

Attachment pump capacity: 30.1 gpm (113.9 L/min)

Attachment pump relief: 3450 psi (237.9 bar)

Auxiliary pump capacity: 11.7 gpm (44.3 L/min)

Auxiliary pump relief: 2500 psi (172.4 bar)

GROUND DRIVE – RUBBER TIRE

Max transport speed (fwd/rev in high): 3.5 mph (5.6 km/h)

Max creep speed (fwd/rev in low): 1.9 mph (3.1 km/h)

Tire size: 26" (66 cm)

GROUND DRIVE – RUBBER TIRE

Max transport speed (fwd/rev in high): 3.8 mph (6.1 km/h)

Max creep speed (fwd/rev in low): 2.1 mph (3.4 km/h)

Tire size: 29" (73.7 cm)

GROUND DRIVE – TRACKS

Max transport speed (fwd/rev in high): 2.9 mph (4.7 km/h)

Max creep speed (fwd/rev in low): 1.5 mph (2.4 km/h)

Track contact length: 25.5" (65 cm)

Track width: 14.6" (37.1 cm)

AXLE OPTIONS

Front axle type: Steerable and oscillating 68/80 series planetary axles

Rear axle type: Rigid and steerable 68/80 series planetary axles

Axle load rating (static, 68 & 80 axles): 14,837 lb (6730 kg)

Outside turning diameter [26" (66 cm) and 29" (73.7 cm) tires, front steer only]: 23.8' (7.3 m) and 30.3' (9.2 m)

Outside turning diameter (tracks, front steer only): 28.5' (8.7 m)

Outside turning diameter [26" (66 cm) and 29" (73.7 cm) tires, front and rear steer]: 12.9' (3.9 m) and 16.5' (5 m)

Outside turning diameter (tracks, front and rear steer): 16.7' (5.1 m)

Service brake type: Hydraulic

Parking brake type: Mechanical hand break

See corresponding attachments literature for available attachments.

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