

# 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]: 4575 lb (2075.2 kg)

Weight [basic tractor, 29" (73.7 cm) tire]: 4720 lb (2141 cm)

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)

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)

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

## ENGINE

Make and model: Deutz 2.9L D Tier 4 Final

Noise level at operator's ear: 92.2 dB(A)

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

Max torque: 108 ft-lb (146.4 Nm)

Cooling medium: Liquid

Fuel type: Ultra-low sulfur diesel

Emissions rating: Tier 4 Final (EU Stage IIIA)/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)

## GROUND DRIVE - RUBBER TIRE OPTION ONE

Max transport speed (fwd/rev in high): 3.7 mph (6 km/h)

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

Tire size: 26" (66 cm) x 12" (30.5 cm)

## GROUND DRIVE - RUBBER TIRE OPTION TWO

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) x 12.5" (31.8 cm)

## GROUND DRIVE – TRACKS

Max transport speed (fwd/rev in high): 2.3 mph (3.7 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" (35.6 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 and 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

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