

RTX750 UTILITY TRACTOR



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## Exceed your jobsite expectations.

The compact build of the RTX750 makes for unmatched maneuverability, which allows operators to work successfully in tight jobsite confines.

Rubber tires can be interchanged with the innovative quad-track system allowing you to choose the optimal configuration for your jobsite needs. Four-wheel and crab steering deliver exceptional movability, making the tractor capable of tackling projects normally reserved for smaller units, allowing you to complete a wide range of jobs with a single machine.



### **1. TrenchSense™ electronic control system.**

When difficult ground conditions are encountered causing a sudden drop in engine speed, AutoCreep automatically pauses and the tractor slightly backs off the forward trench wall to prevent an engine stop. Once the preset engine and trencher speed recover, forward AutoCreep resumes. The TrenchSense sequence occurs within seconds and requires no operator adjustment to the controls.

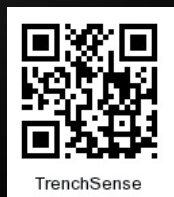
### **2. Knowledge on display.**

An integrated system display toggles through machine diagnostics, including engine rpm, fuel, battery voltage, engine water temperature and engine hours. When in either ground drive or using a rear attachment, the display indicates the percentage of the hydrostatic capacity being utilized, allowing the operator to easily monitor important machine functions.

**3. Quad track system.** The quad track system offers improved flotation, reduced surface damage, increased tractive effort and greater stability. Four-wheel steer and crab steering, usually only available on rubber tire units are functional with the quad track system.

**4. In control.** Common controls across the entire RTX lineup help operators become more efficient and productive.





To see the TrenchSense™ Electronic Control System in action, scan this code with your smartphone or go to [trenchsense.vermeer.com](http://trenchsense.vermeer.com)



## Tackle your jobsite with a range of attachment options.

Outfit your tractor with what you need to get the job done. All attachment controls on the RTX750 operator's station are located within easy reach on the right side of the operator – including creep and attachment dials for precise control. The RTX750 is available with a reel carrier or backhoe option as well as trencher and plow options.



**1. Reel carrier.** A 2.5" (6.4 cm) diameter reel shaft supports up to a 2000 lb (907.2 kg) reel.

**2. Plow.** Installs product up to 36" (91.4 cm) deep with a maximum shaker force of 24,000 lb (10,886.2 kg) and a 30-degree swing angle.

**3. Combo trencher/plow.** Multiuse rear attachment can plow depths up to 36" (91.4 cm) and trench depths up to 60" (152.4 cm).

**4. Backhoe.** Features a maximum digging depth of 96.8" (245.9 cm) with a swing arc of 170 degrees.





**5. Rockwheel.** Cut widths ranging from 1.5" - 6" (3.8 cm - 15.2 cm) at up to 26" (66 cm) deep.

**6. Trencher.** The trencher features a maximum digging depth of 60" (152.4 cm), a cut width of 12" (30.5 cm) and a sliding offset capability of 12.5" (31.75 cm).



# RTX750 SPECIFICATIONS

## GENERAL

	With Tracks	With Tires
Weight:	9330 lb (4232 kg)	5900 (2672 kg)
Length:	11.1' (3.4 m)	10.5' (3.2 m)
Width:	78.5" (182.9 cm)	72" (182.9 cm)
Height:	100.3" (254.8 cm)	100.3" (254.8 cm)
Ground clearance:	12.5" (30.5 cm)	12" (30.5 cm)
Wheel base (centerline of axles): 61" (154.9 cm)		
Angle of approach: 34°		
Roll-over protection structure (2-post structure): 17,000 lb (7711.1 kg)		

## ENGINE

Make and model:	Cummins B3.3
Manufacturer's gross hp rating:	74 hp (54.4 kW)
Max torque:	181 ft-lb (245.4 Nm)
Number of cylinders:	4
Cooling medium:	Water
Max operating angle (fore/aft)*:	35°
Max operating angle (left/right)*:	35°
Fuel type:	Diesel
EPA certification family:	Tier 4i (EU Stage IIIB)
CE approved:	Yes
Noise level at operator's ear:	95 dB(a)

## CAPACITIES

Fuel tank:	27 gal (102.2 L)
Hydraulic tank:	23 gal (87.1 L)
Hydraulic system:	25 gal (94.6 L)
Coolant:	2 gal (7.6 L)

## HYDRAULIC SYSTEM

Ground drive pump capacity:	35 gpm (132.5 L/min)
Ground drive pump relief:	4350 psi (299.9 bar)
Attachment pump capacity:	35 gpm (132.5 L/min)
Attachment pump relief:	5500 psi (379.2 bar)
Auxiliary pump capacity:	19.4 gpm (73.4 L/min)
Auxiliary pump relief:	2500 psi (172.4 bar)

## GROUND DRIVE

	With Tracks	With Tires
Max forward transport speed:	4 mph (6.4 km/h)	5 mph (8 km/h)
Max reverse transport speed:	4 mph (6.4 km/h)	5 mph (8 km/h)
Contact length:	35" (88.9 cm)	
Track width:	17.8" (45.1 cm)	

## AXLE OPTIONS

**Front axle type:** Steerable planetary with hydraulic differential lock

**Rear axle type:** Steerable planetary with hydraulic differential lock

**Axle load rating:** 11,250 lb (5102.9 kg)

**Outside turning diameter (rubber tires, front steer only):** 33.3' (10.2 m)

**Outside turning diameter (tracks, front steer only):** 39.5' (12 m)

**Outside turning diameter (rubber tires, front and rear steer):** 16.8' (5.1 m)

**Outside turning diameter (tracks, front and rear steer):** 23" (7 m)

**Service brake type:** Hydrostatic

**Parking brake type:** Spring applied hydraulic release

## ELECTRICAL SYSTEM

**System voltage:** 12 volt

**Battery CCA rating:** 950

# RTX750 ATTACHMENT SPECIFICATIONS

## CENTER-MOUNT TRENCHER

**Max transport length:** 84" (213.4 cm)

**Max transport height:** 11.3' (3.4 m)

**Max digging depth:** 60" (152.4 cm)

**Max digging width:** 12" (30.5 cm)

**Min digging width:** 6" (15.2 cm)

## SLIDING-OFFSET TRENCHER

**Max transport length:** 94" (238.8 cm)

**Max digging depth:** 60" (152.4 cm)

**Max digging width:** 12" (30.5 cm)

**Min digging width:** 6" (15.2 cm)

## PLOW

**Weight (without blade):** 1500 lb (680.4 kg)

**Max transport length:** 74.3" (188.7 cm)

**Max transport height:** 87.4" (222 cm)

**Max plow depth (quad tracks):** 36" (91.4 cm)

**Max plow depth (tires):** 30" (76.2 cm)

## COMBO PLOW / TRENCHER

**Max transport length:** 86" (218.4 cm)

**Max transport height:** 93" (236.2 cm)

**Max plow depth (quad tracks):** 36" (91.4 cm)

**Max plow depth (tires):** 30" (76.2 cm)

**Max trencher digging depth:** 60" (152.4 cm)

**Max trencher cutting width:** 8" (20.3 cm)

## ROCKWHEEL

**Weight (without teeth/segments):** 2480 lb (1125 kg)

**Max transport length:** 84.6" (214.9 cm)

**Max cutting depth:** 26" (66 cm)

**Max cutting width:** 6" (15.2 cm)

**Min cutting width:** 1.5" (3.8 cm)

## REEL CARRIER

**Weight:** 858 lb (389.2 kg)

**Max diameter reel:** 82" (208.3 cm)

**Max reel width:** 48.5" (123.2 cm)

**Reel shaft diameter:** 2.5" (6.4 cm)

**Capacity:** 2000 lb (907.2 kg)

## BACKHOE

### Option 1

### Option 2

**Weight (with largest bucket):** 2200 lb (997.9 kg) 2030 lb (920.8 kg)

**Max transport height:** 109.5" (278.1 cm) 112.8" (286.5 cm)

**Max digging depth:** 96.8" (245.9 cm) 92.3" (234.4 cm)

**Swing arc:** 170° 170°

## BACKFILL BLADE

**Weight:** 600 lb (272.2 kg)

**Max width (tires):** 72" (182.9 cm)

**Max width (quad tracks):** 79" (200.7 cm)

**Height:** 14.6" (37.1 cm)

**Max lift above ground:** 25.6" (65 cm)

**Max drop below ground:** 16.3" (41.4 cm)



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