

RTX550 UTILITY TRACTOR



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## The ultimate in versatility and utility.

The versatility of the RTX550 allows operators to handle the toughest jobs. Common controls and traction options along with TrenchSense™ technology add to the productivity of whatever jobsite you encounter.

Featuring a 65 hp (48.5 kW) Cummins diesel engine and an electronically controlled tandem hydraulic pump system, both tuned for optimum performance, the RTX550 stands ready to take on a variety of tasks; while the ground drive and attachment speed control knobs keep the power at your fingertips for enhanced machine control. See the difference and greater stability. Steering modes include two-wheel and quad-steer as standard.

Package all this with an extensive selection of available front and rear attachments and you'll see how Vermeer has again taken productivity and versatility to the next level.

**1: An integrated system display** enables the operator to easily toggle through machine diagnostics and performance information. The multilingual display can be viewed in several languages depending on the operator's preference.

**2: See the difference.** When equipped with the innovative quad-track system, the RTX550 offers improved floatation, reduced surface damage, increased tractive effort and greater stability. Four-wheel steer and crab steering are functional with the system.

**3: Tire options.** The RTX550 is available with standard 31" (78.7 cm) tires. For even greater floatation, choose the 35" (88.9 cm) tire option.

**4: Tough ground? No problem:** The RTX550 uses 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.



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).

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

**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 RTX550 operator's station are located within easy reach on the right side of the operator – including creep and attachment dials for precise control. The RTX550 is available with a reel carrier or backhoe option as well as trencher, plow, trencher/plow combination or rockwheel options.

**1: Backhoe.** Designed for optimal downward force, the backhoe offers a maximum digging depth of 92.3" (234.4 cm).

**2: Trencher.** Available in a center-mount or sliding-offset configuration, the trencher is capable of depths reaching 60" (152.4 cm) and widths up to 12" (30.5 cm).

**3: Vibratory plow.** Reaching depths up to 36" (91.4 cm) in favorable ground conditions.



**4:** Combo vibratory plow/trencher. Multiuse rear attachment can plow depths up to 30" (76.2 cm) and trench depths up to 60" (152.4 cm).

**5:** Rockwheel. Rugged construction for depths up to 26" (66 cm) at 6" (15.2 cm) wide.

# RTX550 SPECIFICATIONS

## GENERAL

**Length (basic tractor, tires):** 123.5" (313.7 cm)

**Length (basic tractor, quad-track system):** 129.4" (328.7 cm)

**Width (basic tractor, tires):** 72.4" (183.9 cm)

**Width (basic tractor, quad-track system):** 70.5" (179.1 cm)

**Height (basic tractor, tires):** 96.8" (245.9 cm)

**Height (basic tractor, quad-track system):** 98.2" (249.4 cm)

**Weight (basic tractor, tires):** 5600 lb (2540.1 kg)

**Weight (basic tractor, quad-track system):** 7800 lb (3538 kg)

**Wheelbase (from c/l of axles):** 61" (154.9 cm)

**Ground clearance [31" (78.7 cm) tires]:** 8.8" (22.4 cm)

**Ground clearance [35" (88.9 cm) tires]:** 10.2" (25.9 cm)

**Rollover protection structure rating:** 17,000 lb (7711.1 kg)

## ENGINE

**Make and model:** Cummins B3.3

**Horsepower (max, gross):** 65 hp (48.5 kW)

**Displacement:** 199 cu in (505.5 cu cm)

**Number of cylinders:** 4

**Cooling medium:** Water

**Compression ratio:** 20.1:1

**Max engine operating angle\*:** 35 degrees

**Fuel type:** Diesel

**Air cleaner:** Dry with safety element

\*Engine operating angles do not indicate safe machine operating angles.

## AXLES

**Axle type (front):** Steerable planetary

**Axle type (rear):** Steerable planetary with gearbox

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

**Outside turning diameter (tires, front and rear steer):** 18.8' (5.7 m)

**Outside turning diameter (tires, front steer only):** 29.8' (9.1 m)

**Outside turning diameter (quad-track system, front and rear steer):** 20.1' (6.1 m)

**Outside turning diameter (quad-track system, front steer only):** 31.7' (9.7 m)

## HYDRAULICS

**Ground drive pump capacity:** 31 gpm (117.3 L/min)

**Ground drive pump relief:** 4350 psi (299.9 bar)

**Attachment pump capacity:** 31 gpm (117.4 L/min)

**Attachment pump relief:** 5080 psi (350.3 bar)

**Auxiliary pump capacity:** 18.1 gpm (68.5 L/min)

**Auxiliary pump relief:** 2700 psi (186.2 bar)

## TRACTION OPTIONS

**Rubber tires:** 31" (78.7 cm)

**Tire size:** 31" x 15" (78.7 cm x 38.1 cm)

**Max transport speed:** 5.6 mph (9 k/hr)

**Max creep speed:** 2 mph (3.2 k/hr)

**Ground pressure (tractor, trencher, backhoe):** 21.8 psi (1.5 bar)

**Weight (foam-filled, per tire):** 220 lb (99.8 kg)

**Rubber tires:** 35" (88.9 cm)

**Tire size:** 35" x 19" (88.9 cm x 48.3 cm)

**Max transport speed:** 6.1 mph (9.8 k/hr)

**Max creep speed:** 2.2 mph (3.5 k/hr)

**Ground pressure (tractor, trencher, backhoe):** 19.3 psi (1.3 bar)

**Weight (foam-filled, per tire):** 380 lb (172.4 kg)

**Rubber quad-track system**

**Length:** 43" (109.2 cm)

**Width:** 15" (38.1 cm)

**Max transport speed:** 4.7 mph (7.6 k/hr)

**Max creep speed:** 1.7 mph (2.7 k/hr)

**Ground pressure (tractor specs):** 4.4 psi (.3 bar)

# RTX550 ATTACHMENT SPECIFICATIONS

## CENTER-MOUNT TRENCHER

**Length (min, transport):** 80.8" (205.2 cm)  
**Height (transport):** 87.5" (222.3 cm)  
**Weight (without boom and chain):** 1430 lb (648.6 kg)  
**Max depth:** 60" (152.4 cm)  
**Max width:** 12" (30.5 cm)  
**Min width:** 5" (12.7 cm)

## SLIDING OFFSET TRENCHER

**Length (min, transport):** 86" (218.4 cm)  
**Height (transport):** 87.5" (222.3 cm)  
**Weight (without boom and chain):** 1520 lb (689.5 kg)  
**Max offset:** 24" (61 cm)  
**Max depth:** 60" (152.4 cm)  
**Max width:** 12" (30.5 cm)  
**Min width:** 5" (12.7 cm)

## VIBRATORY PLOW

**Length (min, transport):** 74" (188 cm)  
**Height (transport):** 84" (213.4 cm)  
**Weight (without blade):** 1050 lb (476.3 kg)  
**Max depth (rubber tires):** 30" (76.2 cm)  
**Max depth (quad-track system):** 36" (91.4 cm)

## ROCKWHEEL

**Min length (transport):** 84.6" (214.9 cm)  
**Height (transport):** 97.1" (246.6 cm)  
**Weight (without segments/teeth):** 2480 lb (1124.9 kg)  
**Max depth:** 26" (66 cm)  
**Max width:** 6" (15.2 cm)  
**Min width:** 4" (10.2 cm)

## COMBO PLOW/TRENCHER

**Min length (transport):** 86" (218.4 cm)  
**Height (transport):** 93" (236.2 cm)  
**Weight (boom, without blade):** 2180 (988.8 cm)  
**Max plow depth (quad tracks):** 36" (91.4 cm)  
**Max plow depth (tires):** 30" (76.2 cm)  
**Max trencher depth:** 60" (152.4 cm)  
**Max trencher width:** 8" (20.3 cm)

## BACKHOE

**Min length (transport):** 68.1" (173 cm)  
**Height (transport):** 112.8" (286.5 cm)  
**Weight:** 2030 lb (920.8 kg)  
**Max reach:** 11.8' (3.6 m)  
**Max digging depth (flat bottom):** 92.3" (234.4 cm)  
**Swing arc:** 170 degrees

## REEL CARRIER

**Weight:** 857 lb (388.7 kg)  
**Max reel diameter:** 84" (213.4 cm)  
**Max reel width:** 49" (124.5 cm)  
**Reel shaft diameter:** 2.25" (5.7 cm)  
**Capacity:** 2000 lb (907.2 kg)

## BACKFILL BLADE

**Width:** 79" (200.7 cm)  
**Height:** 14.6" (37.1 cm)  
**Max swing blade:** 30 degrees

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