

**TORO**

Count on it.

# TORO® RT1200 Riding Trencher



**POWERFUL PERFORMANCE**



## Introducing the New Toro® RT1200 Riding Trencher.

With 121 horsepower and Toro-exclusive heavy-duty trencher drive technology, the RT1200 delivers maximum power and productivity to make short work of long runs through the most demanding conditions.

Since 1914, The Toro Company has built its reputation on providing quality products and service to the professionals who create, maintain and preserve outdoor environments. Today, professionals and contractors around the world count on Toro products to stand up to the demands of heavy use, season after season.

As a leading manufacturer of turf maintenance equipment, precision irrigation solutions, concrete and compaction tools, and equipment for trenching, plowing, excavating and horizontal directional drilling, Toro products are aimed at allowing you to do your job more efficiently and profitably.

We value the trust professionals place in our people and products to meet their unique needs and deliver superior results. That's why the Toro RT1200 and every product that carries the Toro name also carries our commitment to quality and product excellence.



**PRODUCTIVE PLOWING.** Optional P105 Vibratory Plow capable of installing pipe or wire up to 36" deep. A fully steerable plow with a swing angle range of 30-degrees provides the operator with excellent maneuverability, and the variable plow blade attitude adjustment allows the operator to change the blade pitch on the fly.

**CONSISTENT PERFORMANCE.** Load control option allows the operator to control the percentage of engine output dedicated to ground drive to ensure the performance of digging implement is maintained as ground conditions change.

**PRECISE CONTROL.** Ergonomic traction, backfill and attachment control levers mounted to the operator's seat maintain productivity while the seat is rotated. Full color, easy-to-read LCD display allows operator to monitor and respond to machine performance information.



**OPERATOR FOCUSED.** Open-design operator platform and high-back pivoting suspension seat with lumbar support and multiple adjustments provides comfort and visibility for all-day productivity.

**POWER YOU CAN COUNT ON.** Powered by a Cummins® QSB4.5L, 121 hp 4-cylinder, liquid cooled, diesel engine - trusted for its power, reliability, and lifespan.



**POWERFUL BACKHOE.** Optional heavy-duty backhoe, with a digging force of 7,100 lbs, a reach up to 16'6", and a dig depth of 9'3", makes digging fast and efficient. True over-center backhoe design ensures machine stability while in transport mode.



**MAXIMUM TRACTION.** Optional RT1200 tracks with 1 7/8" bar lug tread provide superior traction in a variety of surface conditions.

**HIGHLY MANEUVERABLE.** Standard four-wheel drive and four-wheel steering, with the option to automatically transition to crab or coordinated steering, makes the RT1200 easy to handle.

**DUAL HYDROSTATIC SYSTEM.** Inline hydrostatic ground and attachment drive system provide optimal performance for trenching and plowing.



**VERSATILE DESIGN.** The tool carrier chassis design allows machines to be converted from tracks or tires, and the ability to change and add attachments as needed: trencher, rock saw, backhoe, vibratory plow, reel carrier, counter weights and backfill blade.

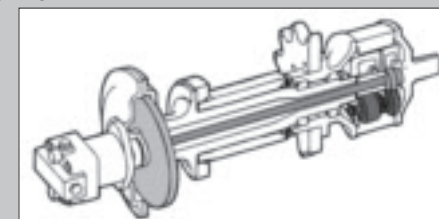
**RESPOND TO CHANGING TERRAIN.** Standard tilt frame allows the operator to tilt the machine by variable degrees in order to maintain trench angle as the surface terrain changes.

**FASTER BACKFILLING.** Six-way, heavy-duty backfill blade operated by a single control lever. Float position allows blade to smoothly follow the ground's contours.



### TORO EXCLUSIVE HEAVY-DUTY TRENCHER DRIVE

The planetary trencher drive uses a flywheel, torsion shaft and planetary gearset for smooth operation and longer life. The flywheel stores inertial energy which is released when the chain encounters tough digging conditions in order to prevent stalling. Between the flywheel and the planetary gearset, the torsion shaft serves as a spring to absorb shock loads from the trencher driveline, which protects the hydraulic system. The planetary gearset multiplies the hydrostatic motor torque for unsurpassed digging power. These features all combine to deliver smooth, consistent, and powerful trenching, even in the most demanding conditions.



# TORO® RT1200 RIDING TRENCHER SPECIFICATIONS

## DIMENSIONS (Base Unit, Tires, Backfill Blade)

Length	159.6" (405 cm)
Width	85.8" (218 cm)
Height	110.4" (280 cm)
Weight	10,475 lbs (4,751 kg)
Ground Clearance	11.2" (28 cm)

## POWER

Engine	Cummins® QSB 4.5
Manufacturer's Gross Power Rating	121 hp (90.2 kW)
Rated Speed	2,200 rpm
Fuel Type	Diesel
Fuel Tank Capacity	48 gal (182 L)
Cooling	Liquid
Cooling System Capacity	4.9 gal (18.5 L)
Cylinders	4
Displacement	274.6 cubic inches (4.5)
Bore	4.19" (106 mm)
Stroke	5.00" (127 mm)
Battery	Dual, 12-Volt, 1900 cca

## HYDRAULICS

Hydraulic Tank Capacity	40 gal (151 L)
Hydraulic System Capacity	49 gal (185 L)
Ground Drive Pump Capacity (Maximum)	48.5 gpm (183.6 L/min)
Ground Drive Pump Relief Pressure	5,365 PSI (420 Bar)
Attachment Pump Capacity (Maximum)	48.5 gpm (183.6 L/min)
Attachment Pump Relief Pressure	6,090 psi (370 Bar)
Auxiliary Pump Capacity	48.5 gpm (183.6 L/min)
Auxiliary Pump Relief Pressure	2,750 psi (190 Bar)

## TRACTION

Transmission	4 speed shift on the fly Hydrostatic
Axle Type (Front/Rear)	Locking Differential, Outboard planetary
Tire Size	38 x 18-20, 12 ply
Rubber Track Option	Yes
Rubber Track Width	18.5" (47 cm)
Maximum Transport Speed (Forward / Reverse)	10.2 mph / 7.1 mph (16.4 km/h / 11.4 km/h)
Maximum Creep Speed	1.2 mph (1.9 km/h)

# TORO® RT1200 RIDING TRENCHER ATTACHMENTS

## BACKFILL BLADE

Width	83.1" (211 cm)
Height	17.7" (45 cm)
Lift Height (Above Grade) With Tires	21" (53 cm)
Blade Drop (Below Grade) With Tires	7.1" (18 cm)
Lift Height (Above Grade) with Tracks	24" (61 cm)
Blade Drop (Below Grade) with Tracks	4.1" (10 cm)
Maximum Swing Angle	30° (Left/Right)
Tilt Angle	6° (Up/Down)

## P105 VIBRATORY PLOW

Length (Minimum, Transport)	82" (208 cm)
Height (Transport)	105" (267 cm)
Weight	3,125 lbs (1,417 kg)
Maximum Depth	36" (91.5 cm)
Plow Swing Angle	30°
Plow Steer Angle	30°
Plow Blade Attitude Adjustment	32°

## 762 HD BACKHOE

Height (Transport)	122" (310 cm)
Weight (with 18" Bucket)	3,029 lbs (1,374 kg)
Maximum Reach	163" (414 cm)
Maximum Digging Depth	111.6" (283 cm)

## HEAVY DUTY TRENCHER

Length (Minimum, Transport, 4' Boom)	96.8" (246 cm)
Weight	1,468 lbs (666 kg)
Digging Chain Speed	669 ft/min (204 m/min)
Maximum Depth	84" (213 cm)
Width (Maximum / Minimum)	18" / 7" (46 cm / 18 cm)

## REEL CARRIER

Capacity	2,500 lb reel (1,134 kg)
Weight with Counterweight	6,500 lbs (2,948 kg)

Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. We reserve the right to improve our products and make changes in specifications, designs and standard equipment without notice and without incurring obligation. See your dealer for details on all of our warranties.

