

# ASTECC

## RT160 TRENCHER



Contact Your Local Astec Dealer

**TRENCHLESS**  
UTILITY EQUIPMENT INC.

2070 Queensway Drive, P.O. Box 1338 Burlington,  
ON L7R 4L9 Ph: (905) 634-0669 Fax: (905) 634-6685  
info@trenchlessutility.com

# RT160 Trencher

## KEY FEATURES

- Hydrostatic ground drive system
- Hydraulic trencher drive system directly connected to trencher head shaft
- Electric start
- Single joystick operation with creep control
- Automatic parking brake
- HD Boom w/ 7" (178 mm) tailwheel roller & sealed bearing
- Greasable boom with removable grease cylinder
- HD boom pivots
- Enclosed engine
- Hydraulic oil cooler

## OPERATING SPECIFICATIONS

Dig depth .....	up to 24", 36" or 48" (610, 914, or 1219 mm)
Trench widths.....	4" to 8" (102 to 203 mm)
Boom angle up from horizontal.....	45°
Boom angle down from horizontal.....	60°
Trencher drive .....	Hydraulic

## DIMENSIONS

Overall height .....	42" (1.07 m)
Overall length.....	74" (1.88 m)
Overall width	
w/ Standard tires (23 x 10.5 x 12).....	44" (1.12 m)
w/ Optional tires.....	36" (.914 m)
w/ Dual tires.....	50" (1.27 m)

Weight\* ..... 1530 lbs (698 kg)  
NOTE: \*Dimensions taken with 36" (914 mm) boom with 6" (152 mm) wide chain, without wheel weights.

## ENGINE

- Honda model GX670 twin-cylinder, 4-stroke gasoline type
- 24 horsepower (17.9 kW)
- Engine Oil Cooler
- Air-cooled with remote air cleaner
- 12-volt electric start, throttle, choke, fuel shutoff, oil alert

## TRANSMISSION

- Hydrostatic pump to independent motor at each wheel
- Closed loop system with flow divider- Provides positive flow to both wheels, eliminating need for diff-lock.
- Infinitely variable speeds ( Fwd/Rev)
- Single joystick control for F-N-R and creep control

## STEERING

- Hydraulic Cylinder/Pivots wheel motors for maximum positive traction
- 23° Turning Angle

## STANDARD EQUIPMENT

- Hydraulic trencher boom raise and lower
- 14" (356 mm) diameter open-end spoil removal auger
- Operator presence system - Clutch disengages hydraulics to trencher and ground drive systems with release of joystick controls.
- Color-coded controls and instructions
- Neutral start system
- 10 micron hydraulic oil filter
- Electric clutch to engage pumps
- Two independent hydraulic pumps control ground drive and trencher drive
- Greasable boom

## OPTIONAL EQUIPMENT

- 24" / 36" / 48" (610 / 914 / 1219 mm) Heavy Duty booms
- 24" / 36" / 48" (610 / 914 / 1219 mm) Restraint bars
- Chains - heavy-duty anti-backflex in 4", 6" or 8" (102, 152, or 203 mm) cutting widths  
38,000 lb (17,237 kg) tensile strength
- Teeth options - cup, rock & frost, Terminator, Combination

 **SAFETY NEVER HURTS!™**  
Always read the Operator's Manual before operating any equipment.  
Inspect equipment before using it, and be sure it is operating properly.  
Follow the product safety signs and use any safety features provided.

**ASTEC UNDERGROUND**  
9600 CORPORATE PARK DRIVE  
LOUDON, TN 37774  
TOLL FREE 800.527.6020  
PHONE 865.408.2100  
FAX 865.458.8575

**NOTE:** All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

**IMPORTANT:** Astec Underground reserves the right to change these specifications without notice and without incurring any obligation relating to such change. This literature has been published for world-wide circulation. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Astec dealer/distributor will be able to give you details of the products and their specifications available in your area.

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