

# ASTEC

## RT160 TRENCHER



# 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.

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

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