

ASTEC

**RT60
TRENCHER**



RT60 Trencher

OPERATING SPECIFICATIONS

Dig depth	up to 24" or 36" (610 or 914 mm)
Trench widths.....	4" or 6" (102 or 152 mm)
Boom angle up from horizontal.....	60°
Boom angle down from horizontal.....	60°
Trencher drive	Belt to planetary drive
Planetary gear ratio	4.85:1
Maximum chain speed	307 ft/min (93.6 m/min)
Travel speeds	
Forward.....	0 - 1.5 mph (2.4 km/h)
Reverse	0 - 0.8 mph (1.3 km/h)
Pump capacity	
Displacement.....	0 to 0.913 in ³ /rev (14.96 cm ³ /rev)
At 3600 rpm, 0 psi/bar.....	10.1 gpm (38.2 L/min)
Motor displacement	5 in ³ (82 cm ³)

DIMENSIONS

Height to top of controls	41.7" (1.06 m)
Transport height	
w/24" (610 mm) boom fully raised	48.75" (1.24 m)
w/36" (914 mm) boom fully raised	59.25" (1.5 m)
Overall length	
w/24" (610 mm) boom	84" (2.13 m)
w/36" (914 mm) boom	91" (2.31 m)
Overall width	31.5" (800 mm)
Wheelbase.....	33" (838 mm)
Width at steering handle	22" (559 mm)
Height of trencher head shaft to ground	8.5" (216 mm)
Rear wheel centerline to handlebar end.....	35.7" (907 mm)
Approximate weight*	720 lb (327 kg)

NOTE: *Dimensions taken with 24" (610 mm) boom with 6" (152 mm) wide chain, without wheel weights.



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.

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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ENGINE

- Honda model GX390 single-cylinder, 4-stroke gasoline
- 13 horsepower (9.7 kW) @ 3600 rpm
- 2-stage air filter
- Key switch, rope start, throttle, choke, fuel shutoff, oil alert

TRANSMISSION

- Hydrostatic F-N-R drive
- Automotive-style differential

STANDARD EQUIPMENT

- Belt with planetary reduction trencher drive
- Hydraulic trencher boom raise and lower
- 14" (356 mm) diameter open-end spoil removal auger
- Operator presence system - trencher drive
- Color-coded controls and instructions
- Manual steering
- Neutral start system
- Hydrostatic pump declutch
- RT60 mesh hydraulic reservoir suction screen
- 10 micron hydraulic oil filter
- 16 x 6.50 x 8 traction tires
- 13 x 5.00 x 6 turf, flotation guide tire

OPTIONAL EQUIPMENT

- Wheel weights, 30 lb (13.6 kg) each
- 24" (610 mm) Rock booms
- 24" or 36" (610 or 914 mm) Channel booms
- 24" or 36" (610 or 914 mm) Restraint bars
- Chains - standard-duty, welded or heavy-duty anti-backflex in 4" or 6" (102 or 152 mm) cutting widths
 - 28,000 lb (12,700 kg) tensile strength
 - 34,000 lb (15,422 kg) tensile strength
 - 38,000 lb (17,237 kg) tensile strength
- Teeth options - cup, rock & frost, Terminator

SERVICE CAPACITY

Fuel capacity	1.75 gal (6.6 L)
Engine oil w/o filter.....	1.16 qt (1.1 L)
Hydraulic system capacity	2.1 gal (7.9 L)
Transaxle.....	1.35 qt (1.3 L)
Trencher planetary	0.5 qt (0.48 L)

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