

ATTACHMENTS

TRENCHER

Dig depth to 84.0" (2.13 m)
 Digging width 7.0" to 18.0"
 (178 to 458 mm)
 Chain line speed 670 ft/min
 (204 m/min)
 Chain tensile strength: 110,000 lb
 150,000 lb
 165,000 lb
 225,000 lb
 Drive Hydrostatic/Reversible
 Boom angle from horizontal... Up 50°
 Down 65°
 Angle of departure..... 34°

6-WAY BACKFILL BLADE

Width 80.7" (2.05 m)
 Height 16.1" (408 mm)
 Lift clearance..... 19.1" (485 mm)
 Angle of approach..... 20°
 Ground clearance 11.2" (284 mm)
 Depth of cut 3.1" (78 mm)
 Offset outside of tire... 8.5" (215 mm)
 Angle left or right..... 34.5°
 Blade tilt - left or right 12°

762 BACKHOE

- A. Digging depth – maximum 111.6" (2.83 m)
 Digging depth – 2' (610 mm) flat bottom 109.8" (2.79 m)
 Digging depth – 8' (2438 mm) flat bottom 95.4" (2.42 m)
 Bucket digging force *7,179 lbf (31 934 N)
 Dipper digging force..... *4,180 lbf (18 594 N)
 Loading height 105.5" (2.68 m)
- B. Reach from swing pivot 163.4" (4.15 m)
 Bucket rotation *160°
 Swing arc 180°
- C. Operating height – fully raised 192.8" (4.89 m)
 Transport height..... 117.2" (2.97 m)
 Stabilizer spread
 Working 99.1" (2.52 m)
 Transport 78.7" (2.0 m)
 Leveling angle..... 3°
 Backhoe weight w/o bucket 2,232 lb (1012 kg)

*With bucket pinned in power hole

RT960 with bucket pinned in straight wall hole
 Bucket digging force 6,131 lbf (27 272 N)
 Dipper digging force 4,065 lbf (18 082 N)
 Bucket rotation..... 185°

P95 VIBRATORY PLOW

VibrationCounter-rotating weights
 Frequency – maximum 2,000 vpm
 Drive Hydrostatic
 Blade steer angle..... 30°
 Plow off centerline..... 32" (813 mm)
 Minimum turning
 radius @ blade 18.0" (457 mm)
 Angle of depression 14°
 Weight (no blade) 2,006 lb (909 kg)

REEL CARRIER

Maximum reel width... 56.0" (1.42 m)
 Maximum reel diameter
 w/backfill blade..... 60.0" (1.52 m)
 w/o backfill blade ... 80.0" (2.03 m)
 Angle of approach w/o backfill blade
 w/5' (1524 mm) reel..... 26°
 w/6' 8" (2032 mm) reel..... 20°
 Center of reel – hydraulic lift
 Pickup height 11.9" (302 mm)
 Maximum height 59.5" (1511 mm)
 Reelshaft diameter..... 2.38" (60 mm)
 Capacity..... 2,500 lb (1134 kg)

QUAD ATTACHMENT

Offset from centerline of machine to
 center of:
 Plow right 18.5" (470 mm)
 Plow left 15.6" (396 mm)
 Trencher right..... 26.5" (673 mm)
 Trencher left..... 15.6" (396 mm)
 Weight 16,000 lb (7257 kg)

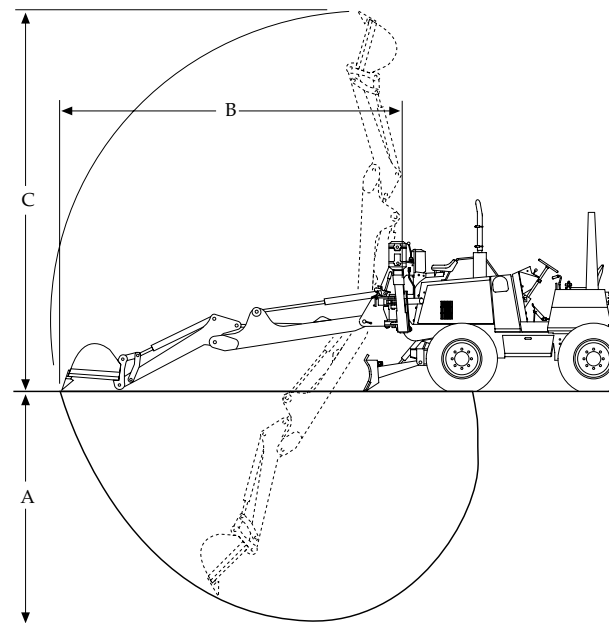
NOTE: RT960 equipped with quad-
 attachment, P95 plow, planetary-drive
 trencher, 4' (1.22 m) rock boom, 150K (68 039
 kg) chain, large cup teeth, restraint bar, 762
 backhoe and 18"
 (457 mm) bucket, dual battery option, rear
 auxiliary hydraulic option, 25 gal (94.6 L)
 fuel, and 175 lb (79 kg) operator.

HYDRA-BORER[®]

Drive Hydraulic
 Torque 423 lb-ft (574 N-m)
 Rotation..... Bi-directional
 Rod length..... 10'0" (2.54 m)
 Drive shaft height..... 35.4" (899 mm)
 Maximum rpm..... 307

ROCKWHEEL

Cutting widths..... 3.0" (76 mm),
 4.0" (102 mm), 5.0" (127 mm)
 or 6.0" (152 mm)
 Cutting depths up to... 30.0" (762 mm),
 36.0" (914 mm) or 40.0" (1016 mm)
 Teeth Replaceable carbide tips
 Drive Hydrostatic
 Lift..... Hydraulic



NOISE LEVELS

Operator..... < 91 dbA
 sound pressure per ISO 6394
 Exterior..... < 110 dbA
 sound pressure per ISO 6393

STANDARD FEATURES

99 hp (74 kW) Cummins turbo
 charged engine
 2 year/2000 hr. engine warranty
 4-wheel steering
 4-wheel drive (lockable axles)
 4-speed Hydrashift

Ease of maintenance
 Unitized main frame
 Pivoting operator's seat
 Iso-mounted operator's platform
 Level/unobstructed operator's
 platform

Similar electrical, hydraulic and
 hydrostatic systems
 Control layout commonality

OPTIONS

Dual batteries
 Engine block heater
 Electric controlled ether start kit
 Attachments for underground
 applications (see page 3)
 Flexible extended warranty plans
 Auxiliary hydraulics - rear

Electric power kit - accessories
 Front counterweight package
 Hydraulic crumbler
 Digging chain:
 • Standard
 • Anti-back Flex
 • Heavy-duty Anti-back Flex

Digging teeth:
 • Cup cutters
 • Conical bits & brackets
 • Terminator - Sharks teeth
 • Combination teeth
 • Welded to chainline

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

Form No. AT-101-0105

IMPORTANT: Astec Underground reserves
 the right to change these specifications with-
 out notice and without incurring any obliga-
 tion relating to such change. Astec
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 turers.

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