RT120 QUAD TRACTOR

Ditch Witch

RIDE-ON
When you've got a lengthy utility or telecom installation, you’re bound to run into all types of terrain along the way. That’s when you’ll begin to realize the true value of the extraordinarily stout, powerful Ditch Witch® RT120 Quad. Its massive undercarriage, superior Quad Track System and three-speed, shift-on-the-fly ground drive combine to handle whatever the jobsite throws at you. And driving everything is a powerful, 121-hp (90-kW) Deutz diesel engine that is Tier 4i compliant, needing only a simple oxidation catalyst for after-treatment. With the RT120 Quad, nothing slows you down.

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### RT120 QUAD TRACTOR ATTACHMENTS

#### H1032 PLOWING ATTACHMENT

**DIMENSIONS**
- Angle of departure, transport, 30-inch blade: 24°
- Attachment length, fully nased, no blade: 78 in 1981 mm
- Cover depth: 42 in 1067 mm
- Attachment weight, no blade, no weights: 2,480 lb 1125 kg

#### H1052 PLOWING ATTACHMENT

**DIMENSIONS**
- Angle of departure, transport, 30-inch blade: 24°
- Attachment length, fully nased, no blade: 78 in 1981 mm
- Blade ground clearance, 30-inch blade: 24 in 600 mm
- Cover depth: 42 in 1067 mm
- Attachment weight, with boom, no plate: 3,405 lb 1557 kg

#### H10 CENTERLINE TRENCHER

**DIMENSIONS**
- Angle of departure: 30°
- Trench depth, max: 93 in 2362 mm
- Trench width, max: 24 in 600 mm
- Transport length: 120 in 3048 mm
- Attachment weight, with boom, chain or plate: 1,750 lb 794 kg

#### H911 TRAVERSING TRENCHER

**DIMENSIONS**
- Angle of departure: 27°
- Trench depth, max: 90 in 2286 mm
- Trench width, max: 24 in 600 mm
- Transport length: 134.5 in 3416 mm
- Attachment weight, with boom, chain or plate: 2,350 lb 1066 kg

#### H1140 SAW

**DIMENSIONS**
- Blade width: 80 in 2.03 m
- Blade height: 17 in 430 mm
- Lift height above ground: 26 in 660 mm
- Blade drop below ground: 20 in 514 mm
- Swing angle, max: 30°
- Lift angle: 30°
- Tilt angle: 24°

#### H910 CENTERLINE TRENCHER

**DIMENSIONS**
- Angle of departure: 30°
- Trench depth, max: 93 in 2362 mm
- Trench width, max: 24 in 600 mm
- Transport length: 120 in 3048 mm
- Attachment weight, with boom, chain or plate: 1,750 lb 794 kg

#### H91 BACKHOE

**DIMENSIONS**
- Transport height: 12 in 3099 mm
- Ground clearance: 33 in 838 mm
- Digging depth, max: 58 in 1473 mm
- Reach from swing pivot: 158 in 3963 mm
- Bucket width: 12.24 ft 3.71 m
- Backhoe weight, without bucket: 3,300 lb 1497 kg
- Swing arc: 180°

#### RC120 REEL CARRIER

**DIMENSIONS**
- Distance from backfill blade to outside edge of reel carrier: 86 in 2184 mm
- Maximum reel diameter: 96 in 2438 mm
- Interior width: 54 in 1372 mm
- Capacity: 3,000 lb 1360 kg
- Attachment weight: 1,069 lb 484 kg

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### RT120 QUAD TRACTOR SPECIFICATIONS

#### U.S. METRIC

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>U.S.</th>
<th>METRIC</th>
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<tbody>
<tr>
<td>Height</td>
<td>117 in</td>
<td>2.97 m</td>
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<tr>
<td>Noise to rear mount length</td>
<td>125 in</td>
<td>3.18 m</td>
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<tr>
<td>Length, transport</td>
<td>156 in</td>
<td>4.22 m</td>
</tr>
<tr>
<td>Width</td>
<td>89 in</td>
<td>2.30 m</td>
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<tr>
<td>Angle of approach</td>
<td>34°</td>
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<tr>
<td>Blade</td>
<td>71 in</td>
<td>1.8 m</td>
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**POWER TRAIN**
- Engine: Deutz® TCD3.6L4
- Displacement: 221 in³ 3.6 L
- Number of cylinders: 4
- Aspiration: Turbocharged, charge air cooled
- Injection: Direct
- Cooling medium: Liquid
- Fuel: Diesel

**Emissions compliance**: EPA Tier 4i EU Stage IIIb

**NOISE LEVELS**
- Operator: 92 dBA sound pressure per ISO 6394
- Exterior: 109 dBA sound power per ISO 6393

**VIBRATIONAL LEVEL**
- During normal operation, vibration transmitted to the operator's:
  - Hand/arm: 8.12 m/sec²
  - Whole body: 1.44 m/sec²

**OPERATION**
- Forward speed:
  - High: 7.2 mph 11.6 km/h
  - Medium: 4.4 mph 7.1 km/h
  - Low: 2 mph 3.2 km/h
- Reserve speed:
  - High: 4.7 mph 7.5 km/h
  - Medium: 4.4 mph 7.1 km/h
  - Low: 2 mph 3.2 km/h

**ATTACHMENT drawbar rating**
- Planetary front and rear with rear steering

**HYDRAULIC SYSTEM @ 2,300 RPM**

<table>
<thead>
<tr>
<th>HYDRAULIC CAPACITIES</th>
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<tr>
<td>Ground drive pump capacity</td>
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<tr>
<td>Ground drive pump relief pressure</td>
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<tr>
<td>Attachment pump capacity</td>
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<tr>
<td>Attachment pump relief pressure</td>
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</tbody>
</table>

**BATTERY (2 USED)**
- Group: 65
- 12V reserve capacity: 605 Ah
- SAE cold crank @ 0°F (-18°C): 875 amps
- Auxiliary power output: 12V, 10 amps

**FLUID CAPACITIES**
- Fuel tank: 38 gal 144 L
- Coolant: 8.4 gal 8 L
- Hydraulic reservoir: 20 gal 76 L
- Hydraulic system: 25 gal 95 L
- Cooling system: 12.3 gal 46 L

**SPECIFICATIONS**
- Power train: Hydrostatic
- Dimensions:
  - Length, transport: 166 in 4.22 m
  - Nose to rear mount length: 125 in 3.18 m
  - Cover depth: 42 in 1067 mm
  - Transport length, attachment: 124 in 3.15 m
  - Transport height: 122 in 3.10 m
  - Transport width: 88 in 2.20 m
  - Transport height, attachment: 124 in 3.15 m
  - Transport width, attachment: 88 in 2.20 m

**NOTE**
Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown. See your dealer for counterbalance requirements.
ELECTRONICS
Before you dig, you must know what’s below. After you call 811 to locate buried telephone, CATV, power, gas, or water lines, there’s a Ditch Witch locating system to help you verify the locates. From our lightweight, hand-held units to the exceptionally versatile and accurate UtiliGuard™ locating system, Ditch Witch locating systems help improve your efficiency and, more importantly, your safety.

PARTS
Tires, rubber tracks, o-ring kits, decals, paint, filters, hydraulic cylinder kits, belts, and many other accessories and replacement parts are available at your local Ditch Witch dealership, where you’ll also find expert advice that comes from years of experience in the underground construction industry.

SERVICE
Your Ditch Witch dealership offers professional service technicians who are extensively trained in every aspect of Ditch Witch equipment maintenance and repair. Ask a service representative about our Orange Armor® Planned Maintenance program, a schedule of maintenance at factory-suggested intervals that keeps your equipment in peak operating condition.