RT120 TRACTOR
Versatility equals productivity. And as the most versatile machine in the RT Series—the best-selling trencher family in the world—the RT120 Tractor can help you be more productive on every jobsite. Durable components backed by 15 years of proven performance and a new 121-hp (90-kW) Deutz® diesel engine keep the RT120 running strong all day long, while a huge range of attachments—trencher, plow, saw, backhoe, reel carrier, and trencher/plow combo—lets you tackle just about any task. It’s the go-to machine customers depend on. And we just made it better.

**RT120 TRACTOR**

1. 121-hp (90-kW) Deutz® diesel engine is Tier 4i-compliant and 5 hp more powerful than our previous model.
2. Removable side panels provide easy access to service areas; engine service points are conveniently located on the left side, and the oil level can be checked without opening the engine enclosure.
3. Color LCD display provides all engine information and diagnostics.
4. Dial control design gives the operator precise control of the ground drive speed and attachments to improve production.
5. Four-post Rollover Protective System (ROPS) includes a canopy; options include enclosed cab and climate control system to keep you comfortable through inclement weather.
6. Ergonomically designed operator’s station features 90-degree swivel seat, adjustable armrests, easy-to-read information center, and tilttable steering column.
7. The RT120 accepts a large selection of hydrostatic attachments to increase task flexibility and jobsite productivity.
8. Cruise-control system senses engine load and automatically adjusts ground drive speed for optimal production.
9. Standard four-wheel drive provides superb traction and mobility in all kinds of jobsite conditions and applications.
10. Massive one-piece rigid frame design increases capacity and endurance; optional tilt frame configuration helps you dig a vertical trench on uneven ground.

**WE’RE IN THIS TOGETHER.**
### RT120 TRACTOR ATTACHMENTS

#### H532 PLOW
- **Dimensions**
  - Angle of departure: 23°
  - Attachment length: 69 in (1.73 m)
  - Cover depth: 36 in (0.92 m)
  - Attachment weight, w/ 96-lb (44-kg) counterweights: 2,400 lb (1100 kg)

#### H910 CENTERLINE TRENCHER
- **Dimensions**
  - Trench depth, max: 97 in (2.46 m)
  - Trench width, max: 24 in (0.62 m)
  - Transport length: 112 in (2.85 m)
  - Attachment weight, w/ 96-lb (44-kg) counterweights: 1,750 lb (794 kg)

#### H911 TRAVERSING TRENCHER
- **Dimensions**
  - Angle of departure: 27°
  - Trench depth: 90 in (2.29 m)
  - Trench width, max: 24 in (0.62 m)
  - Transport length: 112 in (2.85 m)
  - Attachment weight, w/ 96-lb (44-kg) counterweights: 1,750 lb (794 kg)

#### H1140 SAW
- **Dimensions**
  - Angle of departure: 21°
  - Trench depth: 40 in (1.02 m)
  - Quantity of cutting teeth on wheel: 70
  - 4.5-in width: 70
  - 6-in width: 80
  - 9-in width: 110
  - Attachment length, wheel on ground: 252 in (6.4 m)

#### RT120 BACKHOE
- **Dimensions**
  - Uplifting height, max: 112 in (2.8 m)
  - Reach from swing pivot: 158 in (4 m)
  - Bucket weight: 12.24 cu yd (8.64 m³)
  - Backhoe weight, w/ 96-lb (44-kg) counterweights: 3,300 lb (1471 kg)
  - Swing arc: 180°

#### RC120 REEL CARRIER
- **Dimensions**
  - Reel diameter, max: 84 in (2.13 m)
  - Internal width: 54 in (1.37 m)
  - Capacity: 2,500 lb (1134 kg)
  - Attachment weight, w/ 96-lb (44-kg) counterweights: 1,600 lb (726 kg)

### RT120 TRACTOR SPECIFICATIONS

#### U.S. METRIC

<table>
<thead>
<tr>
<th>Dimension</th>
<th>U.S.</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height (H1)</td>
<td>115 in</td>
<td>2.92 m</td>
</tr>
<tr>
<td>Length, nose to rear inset (L1)</td>
<td>125 in</td>
<td>3.17 m</td>
</tr>
<tr>
<td>Length, transport (L2)</td>
<td>154 in</td>
<td>3.91 m</td>
</tr>
<tr>
<td>Wheelbase (L4)</td>
<td>79 in</td>
<td>2.0 m</td>
</tr>
<tr>
<td>Width (W2)</td>
<td>64 in</td>
<td>1.63 m</td>
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<tr>
<td>Angle of approach (A2)</td>
<td>25°</td>
<td></td>
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<tr>
<td>Trench depth</td>
<td>97 in</td>
<td>2.46 m</td>
</tr>
<tr>
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</tr>
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#### Power

- **Engine**
  - Deutz® TCD3.6L4
  - Fuel: Diesel
  - Coolant medium: Liquid
  - Injection: Direct
  - Aspiration: Turbocharged, charge air cooled
  - Number of cylinders: 4
  - Displacement: 221 in³ (3.6 L)
  - Bore: 3.86 in (98 mm)
  - Stroke: 4.72 in (120 mm)

#### Power Train

- **Ground drive pump capacity**
  - 27.9 gpm (106 L/min)
- **Ground drive pump relief pressure**
  - 5,000 psi (345 bar)
- **Auxiliary pump capacity**
  - 11.6 gpm (44 L/min)
- **Auxiliary pump relief pressure**
  - 2,500 psi (172.4 bar)

#### Fluid Capacities

<table>
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<tr>
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<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>38 gal</td>
<td>144 L</td>
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<tr>
<td>Engine oil</td>
<td>8.5 qt</td>
<td>8 L</td>
</tr>
<tr>
<td>Hydraulic reservoir</td>
<td>24 gal</td>
<td>91 L</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td>29 gal</td>
<td>110 L</td>
</tr>
<tr>
<td>Cooling reservoir</td>
<td>12.3 qt</td>
<td>11.6 L</td>
</tr>
</tbody>
</table>

#### Backfill Blade

- **Blade width**
  - 80 in (2.03 m)
- **Blade height**
  - 17 in (430 mm)
- **Slight height above ground**
  - 61 in (930 mm)
- **Blade drop below ground**
  - 11 in (280 mm)
- **Swing angle, max, left/right**
  - 30°
- **Tilt angle, optional**
  - 24°
DIGGING SYSTEMS
Replacing worn digging system components is essential to maintaining maximum productivity from your trencher. See your dealer for genuine Ditch Witch chain, specially manufactured headshaft sprockets and digging teeth, which are designed to work together as a system to provide unparalleled trenching performance.

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.