AT40
ALL TERRAIN
DIRECTIONAL
DRILL

TRENCHLESS
Optimized for industry-leading performance and productivity in hard rock conditions, the Ditch Witch® AT40 All Terrain directional drill is designed with an advanced version of the proven Ditch Witch All Terrain drilling system. The updated, two-pipe system offers boosted power to the bit—33 percent more torque than competitive units. Patented design enhancements increase cycle times, improve durability and allow for more adaptable steering.

The system also features a new housing enhanced to minimize maintenance, improve reliability and increase its useful life. The drill leverages the same next-generation features of the JT40 model for maximum drilling performance, operator comfort and control.
Fully enclosed cab offers premium operator comfort and complete climate control.

A real-time position indicator provides operators insight to the carriage location on every drill pipe installation.

Equipped with two seven-inch LCD screens for better visibility into all machine functions and diagnostics.

Industry-leading, telescoping cab places the operator at a precise angle, providing an enhanced view of drilling operations.

The AT40 All Terrain’s Radial Operator Control (ROC) is a multifunctional device that delivers improved operator efficiency.

Best-in-class visibility of drilling operations with a clear view to critical vision points, including ground entrance, wrenches, shuttle-retract location, and rear connection.

The ergonomic station features a heated seat with adjustable suspension and increased legroom to keep drillers comfortable during long hours on a job.

The AT40 All Terrain Directional Drill Cab
WEIGHT CONFIGURATION U.S. METRIC

<table>
<thead>
<tr>
<th>Cab option</th>
<th>690 lb 310 kg</th>
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<tbody>
<tr>
<td>HD anchor option</td>
<td>1,290 lb 590 kg</td>
</tr>
<tr>
<td>110 GPM fluid pump option</td>
<td>320 lb 145 kg</td>
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<tr>
<td>Deduct Tier 3 engine option</td>
<td>165 lb 70 kg</td>
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</tbody>
</table>

DRILLING FLUID SYSTEM
- Pressure, max: 1.000 psi 69 bar
- Flow, max: 70 gpm 265 l/min

DRILLING FLUID SYSTEM (110 GPM OPTION)
- Pressure, max: 800 psi 55 bar
- Flow, max: 110 gpm 416 l/min

FLUID CAPACITIES
- Hydraulic reservoir: 17 gal 64 L
- Fuel tank: 56 gal 212 L

POWER PIPE® HD
- Length of drill pipe, nominal: 180 in 4.57 m
- Diameter of drill pipe, tool joint end: 3.13 in 80 mm
- Diameter of drill pipe: 2.81 in 71 mm
- Bend radius, min: 146 ft 45 m
- Weight of drill pipe and large box (40 pipe): 7,140 lb 3240 kg
- Weight of drill pipe and small box (20 pipe): 3,797 lb 1720 kg

ALL TERRAIN PIPE
- Length of drill pipe, nominal: 180 in 4.57 m
- Diameter of drill pipe, tool joint end: 3.75 in 95 mm
- Diameter of drill pipe: 3.07 in 78 mm
- Bend radius, min: 170 ft 52 m
- Weight of drill pipe: 231 lb 105 kg
- Weight of drill pipe and large box (24 pipe): 6,350 lb 2880 kg
- Weight of drill pipe and small box (12 pipe): 3,450 lb 1560 kg

HIWS1 PIPE
- Length of drill pipe, nominal: 180 in 4.57 m
- Diameter of drill pipe, tool joint end: 3.10 in 79 mm
- Diameter of drill pipe: 2.63 in 67 mm
- Bend radius, min: 145 ft 44 m
- Weight of drill pipe: 165 lb 75 kg
- Weight of drill pipe and large box (35 pipe): 6,915 lb 3140 kg
- Weight of drill pipe and small box (15 pipe): 3,287 lb 1490 kg

BATTERY (2 USED)
- SAE reserve capacity rating: 195 min
- SAE cold cranking rating @ 0°F (-18°C): 900 amps

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.
HDD TOOLING
For your directional drill, we offer a complete line of genuine Ditch Witch HDD tooling, including drill bits, backreamers, drill pipe and beacon housings.

MUD MIXERS
Ditch Witch fluid-management systems include the innovative FM13X, a fluid-mixing system that features a pump that lubricates itself during mixing and works so efficiently that it delivers 20 percent more fluid than other models.

VACUUM EXCAVATORS
Ditch Witch vacuum excavators are designed for a tremendous range of soft-excavation and cleanup tasks, including all manner of non-hazardous spills in and around the directional drilling jobsite. They’re the most powerful and most efficient vac systems on the market.