TITAN HD
Track Mounted Diamond Core Drill
FEATURES

260 HP QSB6.7 Cummins Diesel
Cat 312L steel track undercarriage
Over 37,000 lbs Pullback
Heavy duty mast design
### Titan HD - Track Mounted Diamond Core Drill

#### DEPTH CAPACITIES: Based on max pullback & a 25% safety factor

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<th>5390 ft / 1643 m</th>
<th>3675 ft / 1148 m</th>
<th>2415 ft / 736 m</th>
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#### PRIME MOVER

**Standard unit** Cummins QSB6.7, 6.7 L, 6 cylinder, turbo charged diesel engine  
**Power:** 260 HP @ 2200 RPM

#### TRACK PACKAGE

**Model:** Cat 312L steel undercarriage  
**Design:** Hyd. driven piston motors, spring brake, 2 speed  
**Speed (High/Low):** 3.39 mph / 2.27 mph  
**Drawbar Pull (High/Low):** 15,895 lbf / 24,655 lbf  
**Stabilizers:** (4) Hydraulic leveling cylinders  
**Remote control:** Radio remote for track drive w/ manual control valves

#### ROTATION UNIT

**Standard unit** XP drill head w/ Christensen chuck  
**Maximum opening:** 4-5/8" (P size)  
**RPM:** 1400 RPM  
**Torque:** 6869 ft lbs  
**Chuck:** 40,000 lbs capacity  
**Hydraulic motor:** Rexroth 160cc variable speed/torque piston motor  
**Gear ratios:** 6.27:1, 3.12:1, 1.75:1, & 1:1  
**Chuck option:** Nitrogen gas springs for increased hold capacity

#### FOOTCLAMP

**Standard unit** Christensen hydraulic open/spring closed  
**Maximum opening:** 4-5/8" (P size)  
**Capacity:** 40,000 lbs.  
**Clamp option:** Nitrogen gas springs for increased hold capacity

#### SECONDARY FOOTCLAMP

**Standard unit** Cylinder & jaw style  
**Maximum opening:** 6" (P casing)  
**Capacity:** 40,000 lbs.

#### WATER PUMP

**Standard unit** W1122B-CD (435) piston pump  
**Capacity:** 50 GPM @ 1000 PSI

#### MAST AND FEED

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<th>132&quot;</th>
<th>37,700 lbs.</th>
<th>16,490 lbs</th>
<th>45 to 90 degree</th>
<th>10 ft or 20 ft rod pull capacity (telescoping)</th>
<th>48&quot;</th>
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<td><strong>Feed stroke:</strong></td>
<td><strong>Pullback:</strong></td>
<td><strong>Pulldown:</strong></td>
<td><strong>Drill angle:</strong></td>
<td><strong>Tower:</strong></td>
<td><strong>Mast dump:</strong></td>
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#### WINCH

**Wireline winch** Hydraulic motor & chain drive  
**Capacity:** 6600 ft of 1/4" cable  
**Level wind:** Standard

#### HOIST

**Hoisting winch:** Pullmaster M25  
**Hoisting force:** 25,000 lbs.  
**Capacity:** 75 ft of 18mm cable  
**Hoist motor:** 2 speed, piston

#### HYDRAULIC SYSTEM

**Controls:** Fully hydraulic, no electronics  
**Rod handling:** Synchronized chuck & footclamp w/ manual chuck/ clamp control  
**System pressure:** 4000 PSI  
**Filtration:** 10 micron  
**Components:** Sauer Danfoss, Valvoil, Rexroth & Parker  
**Heat exchanger:** Air/oil heat exchanger  
**Temp rating:** Rated for operation in 50 degree Celsius ambient

#### INCLUDED COMPONENTS

- Rod guard w/ rotation shut down  
- Mud mixer c/w whip lines  
- 4000 ft of W/L cable  
- Working lights

#### OPTIONS

- Second water pump assembly  
- Rod handler  
- Diesel driven supply pump  
- Mud tanks  
- French/Spanish labels & manual

#### WEIGHT 30,000 LBS
MULTI POWER PRODUCTS LTD

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