

# REBEL XL HIGH TORQUE



**acker**  
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The Rebel XLHT offers 6' [1.82m] of stroke, combined with a 5' [1.52m] dump mast. Removable mast section allows for further low clearance ability.



Lockable Mast Brackets work in conjunction with the dump mast to allow for premier angle drilling capabilities.



All - New Hydraulic Double Rod Clamp System, featuring articulating top jaws

**REBEL XLHT (Track-Mounted)**

**Typical Dimensions & Weight:**

- Height (Travel Position) - 8'-10" [2,693 mm]**
- Height (Mast Up w/ Ext) - 21'-9" [6,629 mm]**
- Height (Mast Up w/o Ext) - 12'- 6" [3,810 mm]**
- Length (Travel) - 22'-3" [6,781 mm]**
- Width - 7'-6" [2,235 mm]**
- Weight (Approx) - 19,500 lbs. [8,845 kg]**



High quality, aggressive Rubber Tracks allow for excellent traction and stability. Tracks feature two-speed tramping, allow for high speed and low gear torque for tougher environments.



Rebel XLHT offers extensive, customizable tooling storage allowing for racks that fit your needs.

**Introducing the new Rebel XLHT! Building upon the success of the Rebel XL, the XLHT brings our proven High Torque Multipurpose drill head onto our XL platform. Still boasting 1,000 RPMs for coring and 8,000lbs of torque and an all-new double rod clamp. The Rebel XLHT is ready to work!**

**Special Features:**

**Power Unit –**

Turbo-charged (4) cylinder, 134 HP @ 2,400 rpm with 12-volt electric start. Liquid cooled. Compliant with US EPA Tier 4 Final Emissions standards.

**Feed –**

Double acting chain drive mechanism connected to a hydraulic cylinder with 6 ft. [1.82 m] stroke and capable of 15,000 pounds [6,803 kg] upward thrust and 15,000 pounds [6,803 kg] pull down.

**Drill Head -**

4-5/8" [117 mm] spindle bore, accepts all rod and casing sizes up to 4-1/2" [114.3 mm] OD. Eight infinitely variable speeds in forward and reverse. Hydraulically operated "slide type" drill head provides clearance for tool handling. Drill Head speeds are from zero to maximum rpm in each gear range.

**Lo-Range (High Torque) -**

- 1st Gear - 0-54 RPM @ 8,000 ft./lbs. torque [10,846 Nm]
- 2nd Gear - 0-109 RPM @ 3,949 ft./lbs. torque [5,354 Nm]
- 3rd Gear - 0-194 RPM @ 2,234 ft./lbs. torque [3,028 Nm]
- 4th Gear - 0-339 RPM @ 1,266 ft./lbs. torque [1,716 Nm]

**Hi-Range (Low Torque) -**

- 1st Gear - 0-157 RPM @ 2,371 ft./lbs. torque [3,214 Nm]
- 2nd Gear - 0-319 RPM @ 1,359 ft./lbs. torque [1,842 Nm]
- 3rd Gear - 0-565 RPM @ 769 ft./lbs. torque [1,042 Nm]
- 4th Gear - 0-1,000 RPM @ 436 ft./lbs. torque [591 Nm]

**Drill Head Lubrication System -**

Provides lubricating oil to drill head and transmission internal parts for extended bearing life.

**Angle Drilling Package -**

Locking Mast bracket works in conjunction with the Dump Mast to allow for precise angle drilling capability.

**Mast Dump -**

A 5 ft [1.52 m] hydraulic cylinder allows for convenient mast positioning when drilling angle holes or on uneven terrain.

**Hoists / Winch -**

8,500 lb. [3,855 kg] Main Hoist, 2,500 lb. [1,134 kg] Auxiliary Hoist, Wireline Hoist. 12,000 lb. [5,443 kg] Front Winch. Special configurations available upon request.

**140 lb. [63.5 kg] Automatic SPT Hammer -**

Hydraulically driven mechanism conforms to ASTM SPT.

**Hydraulic Double Rod Clamp –**

Mast mounted for use in any drilling position or angle. Top articulating jaws allow for safe & efficient make/break rod handling. Clamps rods and casing up to 5-1/2" [139.7 mm] OD, depending on jaw size.

**Dual Action Slide Base –**

Movement forward/back and side/side for precise positioning over hole.

**Additional Features –**

Ackermatic Hydraulic Chuck, Cathead, Hydraulic Breakout Wrench, several Water/Mud Pump options, (4) Leveling Jacks, 2-Speed Track System.

