

# RECON

*Lightweight Package  
with Big Capabilities!*



**acker**  
DRILL COMPANY

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Compact, lightweight design allows for Non-CDL transportation with single axle rollback.



Compact design still allows for ample rod and auger storage.



Side receivers allow for removable storage. Available upon request.



RECON includes rod clamp and break-out wrench mounted for use in any drilling position or angle.



The RECON Tier 4 Diesel Engine with Silent Pack does NOT require DEF Tank or regeneration cycles.

**RECON (Track-Mounted)  
Typical Dimensions & Weight:**

- Height (Travel Position) - 7'-6" [2,286 mm]
- Height (Mast Up w/ Ext) - 18'-3" [5,562 mm]
- Height (Mast Up w/o Ext) - 13'-2" [4,013 mm]
- Length (Travel) - 17'-7" [5,359 mm]
- Width - 5'-3" [1,600 mm]
- Weight (Approx) - 8,700 lbs. [3,947 kg]

**After years of listening to customer and industry feedback, the Acker Recon has arrived. The RECON boasts low-end torque and high-end coring speed, complimented by 7 feet of stroke and mounted on rugged tracks to get you where you need to go. With Auto-Hammer capabilities and weighing less than 9,000 lbs., the Recon is ready to handle your next job.**

**Special Features:**

**Power Unit –**

Turbo-charged, Liquid Cooled (4) cylinder, 74 HP @ 2,800 rpm with 12-volt electric start. Compliant with US EPA Tier 4 Final Emissions standards.

**Feed –**

Double acting chain drive mechanism connected to a hydraulic cylinder with 7 ft. [2.13 m] stroke and capable of 11,000 pounds [4,984 kg] upward thrust and 11,000 pounds [4,989 kg] pull down.

**Drill Head -**

3-5/8" [92.2 mm] spindle bore, accepts all rod and casing sizes up to 3-1/2" [88.9 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 - 0-60 RPM @ 5,364 ft./lbs. torque [7,272 Nm]
- 2nd Gear - 0-126 RPM @ 2,565 ft./lbs. torque [3,477 Nm]
- 3rd Gear - 0-231 RPM @ 1,392 ft./lbs. torque [1,887 Nm]
- 4th Gear - 0-398 RPM @ 809 ft./lbs. torque [1,096 Nm]

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

- 1st Gear - 0-155 RPM @ 2,079 ft./lbs. torque [2,818 Nm]
- 2nd Gear - 0-324 RPM @ 994 ft./lbs. torque [1,347 Nm]
- 3rd Gear - 0-597 RPM @ 539 ft./lbs. torque [730 Nm]
- 4th Gear - 0-1,027 RPM @ 314 ft./lbs. torque [425 Nm]

**Drill Head Lubrication System -**

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

**Hoists / Winch -**

4,500 lb. [2,041 kg] Main Hoist, Wireline Hoist and 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 Rod Clamp –**

Mast mounted for use in any drilling position or angle. Clamps rods and casing up to 4-1/2 [114.3 mm] OD, depending on jaw size. Larger capacity Rod Clamps available upon request.

**Dual Action Slide Base –**

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

**Additional Features –**

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

