



SMALL BUT MIGHTY—THE TWO-INCH ROCK HAMMER MADE FOR HDD

ROUGHNECK™ R200

▶▶▶ **ELECTRONICALLY CONTROLLED AIR FLOW**

Adjust air flow anywhere from open to closed with the touch of a button

▶▶▶ **3.125-INCH PILOT HOLE**

The smallest rock hammer designed specifically for HDD

▶▶▶ **PATENTED SPANNER WRENCH HOLES**

Reduce number of breakout tongs required for maintenance or changing bits

▶▶▶ **PATENTED PULLBACK KIT**

Quickly connect to conduit without hassle of removing tooling.

▶▶▶ **SIDE-LOAD, HIGH-FLOW HOUSING**

Secured electronics and air-flow for unmatched power

MAXIMIZE THE CAPABILITIES OF YOUR SMALL UTILITY DRILL.

The HammerHead® Roughneck R200 is the first two-inch rock hammer engineered specifically for HDD applications. The R200 is designed to expand the capabilities of 7,000- to 10,000-lb class directional drills, allowing you to use a small drill on jobs you couldn't before. If you needed to drill through solid rock, you'd have to bring a large drill to supply enough power even when working in small spaces or drilling short distances such as under a road bed. The larger the drill, the more labor, more support equipment, and more time required to complete the job. With the R200, you can save money by maximizing the abilities of your small drill.



▶▶▶ **REDESIGNED CONTROL STATION**

Lightweight and highly portable



R200

MANAGE POWER ON THE FLY. A key feature of the R200 rock hammer is the electronically controlled air flow. With the touch of a button, the operator can adjust the air flow from open to closed and anywhere in between which allows them to manage the power of the hammer on the fly which is critical in situations where soil conditions change abruptly. The ability to reduce or increase power quickly prevents costly interruptions to the bore.

ROUGHNECK TOUGH. The HammerHead® R200 air hammer is the newest member of the Roughneck™ line up, recognized as some of the most trusted and productive pneumatic rock hammers available for HDD applications. Roughneck hammers are capable of drilling at rates of up to 150-feet per hour and they all feature side-load high-flow housing, the patented pull back kit system and a lightweight control station.

SIGNATURE SERVICEABILITY. Serviceability is a key design feature in all HammerHead pneumatic hammers and the R200 is no exception. Patented spanner wrench holes in the front and rear of the hammer reduce the number of breakout tongs required when performing maintenance or changing out rock bits.

GET UP AND RUNNING. The HammerHead R200 rock hammer is offered as a complete system to get you up and running. The system includes a R200 Roughneck air hammer, offset and angled-offset bits, patented pullback kit, control station/oiler with tethered electronic remote control, hydraulic breakout tooling, 2.5-inch universal high-flow housing, and a conversion kit specific to your drill.



EQUIPMENT SPECIFICATIONS

Pilot hole size – in (mm)	3.125 (79)
Rear joint	2" IF Pin
Length without bit – in (mm)	33.41 (849)
Weight without bit – lb (kg)	33.4 (15.1)
Body casing diameter – in (mm)	2.45 (62)
Piston weight – lb (kg)	3.7 (1.7)
Piston stroke – in (mm)	3.88 (98.5)
Max. make up torque – ft-lbs (N-m)	2,685 (3,640)
Lubrication	80 weight rock drill oil
Foot valve extension	Flush

Operating Pressure– psi (bar)	200 (13.8)
Operating cfm (lpm)	131 (28)
Rotation speed*	80–100
Impacts per minute	1,575
Dry drilling water usage – gpm (lpm)**	0.125-0.5 (0.5-1.9)
Dry drilling lubrication usage	1/4 pint/hour (0.12 L/hour)
Wet drilling water usage – gpm (lpm)***	0.1-0.250 (0.375-0.1)
Wet drilling lubrication usage	1/3 pint/hour (0.16 L/hour)

*The harder the rock, the slower the rotation. **Most effective. ***Clay, soft ground.

CALL 800.331.6653
FOR A FREE PROJECT CONSULTATION TODAY.

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