



R O C K M O R E[®]
I N T E R N A T I O N A L

Rock Drilling Tools

**Press Release, December 2010
Rockmore International**

**Rockmore Announces the ROK 500 and 500Q,
the Newest Additions to the High-performance
ROK Series DTH Product Line**

Rockmore International, a global manufacturer of rock drilling tools, has just announced the latest additions to their ROK Series DTH Hammer product line – the ROK 500 and 500Q. These new patented 127mm (5 in) diameter class hammers will be officially released at CONEXPO-CON/AGG in Las Vegas on March 22, 2011.

“Our mission is to provide our customers with the finest quality equipment possible, and ensure it integrates fully with their drilling operations,” said Pejman Eghdami, Executive Vice President of Rockmore International. “The release of the ROK 500 and 500Q expands the full range of our DTH hammer line from 3” to 8” diameters.”

Designed to increase drilling efficiency in mining, blast hole, construction, quarry, water well and geothermal applications, the ROK 500 accommodates two different air packages, to match any working conditions. The ROK 500 hammer is rated for use with large compressors: 24.1 Bar (350 PSI) at 28.6 m³/min (1038 SCFM). The ROK 500Q hammer is designed for smaller compressors: 24.1 Bar (350 PSI) at 23.4 m³/min (850 SCFM).

As with all of Rockmore’s DTH hammers, the 500 and 500Q take full advantage of Rockmore’s patented SonicFlow technology, which optimizes airflow by simplifying and streamlining the air path to minimize backflow and turbulence, thus delivering more energy to the piston. Optional back reaming buttons on the Top Sub offer increased drill life. Field testing of the SonicFlow design was found to result in faster penetration rates and greater overall efficiency.

The ROK 500 and 500Q have been built to withstand the toughest rock drilling conditions. The solid piston design is made from an advanced material that is case hardened, combining high strength with supreme wear resistance. The high frequency, reciprocating piston is designed to strike the bit with maximum force. An innovative new design, unique to Rockmore hammers, reduces the number



of hammer components, thus reducing the amount of component wear points, making hammer service simpler and less expensive.

Unique lead threads on the Top Sub and Driver Sub ensure easy coupling and uncoupling of the hammer.

The ROK 500 and 500Q are 127mm (5 in) diameter class hammers which accept industry standard drill bits with 12 spline Ingersoll Rand QL5 / QL50 shanks. Recommended bit sizes range from 140 to 152 (5.5 to 6.0 in). These new hammers are offered with multiple pin connection options: 2 3/8" API Reg Pin, 3 1/2" API Reg Pin and CUBEX® #28 pin with splines.

Rockmore International is a global manufacturer of rock-drilling tools, serving the mining, construction, and water-well sectors for more than 60 years.