

Rockmore
International's
high-pressure
ROK 250



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Upping the pressure

Rockmore International, a manufacturer of rock-drilling tools for DTH and top-hammer drill rigs, introduced the ROK 250 – a new 2in-class DTH hammer – at CONEXPO in March 2014

Rockmore announced that the new addition to its high-performance DTH hammer line is considered to be the first 2in class DTH hammer to operate under air pressures up to 350psi (24bar). With a 2.6in (66mm) wear-sleeve diameter, the ROK 250 is designed to drill 3in to 3.5in (76–89mm)-diameter holes at high penetration rates.

“We recognised a niche market segment in the DTH drilling sector that could utilise higher

air-pressure input levels to improve hammer penetration rates and drilling performance for hole requirements as small as 3in,” says Pejman Eghdami, executive vice-president of Rockmore International.

Traditional 2in DTH hammers suited to drilling 3in holes are not designed to withstand higher operating air pressures and are often limited to 145psi (10bar). The low energy values at such pressure levels can result in poor

hammer performance and low penetration rates, thus increasing drilling costs and adversely affecting hole-diameter selection.

“Our design team faced the arduous challenge of developing a compact 2in-class DTH hammer to withstand the technical demands of utilising higher input air pressure to produce exceptional hammer performance levels similar to larger high-pressure rated models,” comments Eghdami.

According to Rockmore, the ROK 250 performs well in DTH applications for smaller-diameter blastholes and construction projects that demand high drilling efficiencies and faster drilling rates by utilising larger compressors rated up to 350psi and beyond.

The new ROK 250 model incorporates Rockmore Sonic-Flow technology, which optimises airflow in the hammer. This is achieved by streamlining the air paths to minimise back flow and turbulence. ▼



For years, Chicot Irrigation of Lake Village, AR and Hollandale, MS has depended on the **GEFCO 22RC** for its full service agricultural irrigation operations. The **GEFCO 22** is powered and geared toward large mud drilling projects, yet is compact enough to get into tight locations. The **GEFCO 22** has an optional reverse drilling package making it an excellent 300-500 ft.

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