

COMPAIR SA DELIVERS QUIETER AND INCREASED PERFORMANCE WITH BORA ROCK DRILL

A new pneumatic rock drill, developed by compressor and tools' manufacturer CompAir, offers increased productivity to the mining, tunneling, quarrying and infrastructure markets, with a significantly low noise level that exceeds South Africa's health and safety regulations.

The new Bora rock drill has been designed to be safer to operate. Operating at just 103 dB, measured in tests carried out by the Business Enterprises Unit of the University of Pretoria, the drill is currently considered to be the quietest in its class.

This has been achieved by using a new, 'encapsulating muffler' that both minimises noise transmission as well as making sure that the drill lubricant is retained, reducing oil contamination and enabling easier disposal. These changes have been designed in such a way that a conversion kit can be purchased for CompAir's older drilling systems at minimum cost, providing the majority of the weight savings and sound benefits of the new drill.

With an impact rate of 2 450 blows per minute compared to a rate of 2 100 blows in most of the industry, the new Bora rock drill delivers up to 15% better performance than other products in the market. The Bora drill can reach a depth of one metre in just 4.45 minutes.

Bora also operates at high torque levels meaning that it can be used for rock bolting as well as drilling, giving increased versatility and productivity. Efficiency has also been improved through the use of hardened cast steel components, for robust performance and longer life. The Bora has been designed with fewer ports and passages in the cylinder to simplify maintenance and has a proven ability to operate at low temperatures without freezing or icing up.

All these benefits are achieved in a rock drill that weighs just 23 kilograms, meaning that Bora is the lightest unit available for its performance level. At this weight, the tool is suitable for full shift operation without placing undue physical stress on the operator.

Shhh!

BORA RockDrill at work!

103dB(A)

AS TESTED BY UNIVERSITY
OF PRETORIA BUSINESS
ENTERPRISE DEPARTMENT

**BORA -
great performance
- less noise!**

Leading the way in innovation,
performance & efficiency.
(Now lighter and quieter too!*)

The new BORA pneumatic underground rockdrill from CompAir is a revolutionary step forward in both design and performance. Not only is it generally the best performing on the market, but it is considered to be today the lightest and quietest in its class.

At just **103dB(A)**, the BORA **exceeds all regulations** by utilising a completely new 'Encapsulation Muffler' (patent pending), which can also be retro-fitted to our old drilling systems with a minimum of cost. The BORA also gives up to **15% better performance** than the competition.

**BORA from CompAir -
the strong silent type.**

 **CompAir**
A GARDNER DENVER COMPANY

 **BORA**
ROCKDRILL

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*As tested by University of Pretoria Business Enterprise Department