

HRD100

RD100RB Hydraulic rock drill



New Concept Mining

Powered by Epiroc

The HRD system has two missions. The first is to provide hydraulic drilling that helps you exceed your production targets in a safe way. The second mission is to provide good value for your money long term. After all, your business is our business.

You need a rock drill that lets you focus on drilling accurate blow and support holes. The hydraulic system has an increased drill rate compared to electrical systems, and is considerably more energy efficient than pneumatic drills.



RD100RB
Hydraulic rock drill
mounted on the multi-stage
support drilling leg

⊕ Main benefits

- Penetration rate
- Durability
- Reduced vibration
- Reduced noise level exposure
- Improved water consumption
- Support application
- Production drilling

RD100RB
Hydraulic rock drill
mounted on the
multi-stage
pusher drilling leg

Technical specifications

RD100

Noise (dB)	105
Weight (including leg, bit and drill steel) (kg)	33.8
Vibration (m/s ²)	11
Bit size (mm)	34 – 42
Energy efficiency	37% at the bit
Penetration rate (mm / min)	> 900
Collar to collar time (sec)	120

Face Leg

Weight (kg)	13
Retracted height (mm)	905
Extended height (mm)	2050
Stroke (mm)	1145
Water when compressed (l)	1.5
Water when extended (l)	7.5
Required water pressure (bar)	5 to 10

Integrity. Innovation.

109 Adcock Ingram Avenue, Aeroton, South Africa
Tel +27 11 494 6000 Fax +27 11 494 1060
enquiries@ncm.co.za www.ncm.co.za

HRD100

PP100 Power pack



New Concept Mining

Powered by Epiroc

Power up with PP100!

To stay focused you need to stay energetic.
The PP100 saves your back, your time and your money.

The PP100 has been designed to keep weight down to make lifting and moving the power pack easier. Thanks to less weight you can spend more of your time and energy on drilling. We have also made it as compact as possible to give you more cargo space.

+ Main benefits

- Reduced infrastructure costs
- Beneficial energy consumption
- Auto On Off function
- Independent drilling
- Maneuverability
- Plug 'n play
- Less air pollution
- Less noise pollution
- Less than half the time at the face



PP100 Power pack

Technical specifications

PP100

Size: L x W x H (mm)	695 x 402 x 352
Weight (including oil) (kg)	45
Nominal pressure (bar)	120
Oil flow (l/min)	38
Input power (kW)	10
Power supply (V)	380/400; 440; 480; 525
IP Class	IP66



Doc: BR186 Rev: 01. Legal notice © Copyright 2025, Epiroc, South Africa. All product names in this publication are trademarks of Epiroc Group. Any unauthorized use or copying of the content or any other part thereof is prohibited. Illustrations and photos may show equipment with optional extras. No warranty is made regarding specifications or otherwise. Specifications and equipment are subject to change without notice. Consult your Epiroc Customer Center for specific information. Patent protection may apply.

Integrity. Innovation.

109 Adcock Ingram Avenue, Aeroton, South Africa
Tel +27 11 494 6000 Fax +27 11 494 1060
enquiries@ncm.co.za www.ncm.co.za