

## Minova Brand Values

The way we do business is guided by four key principles which we call  
**"Deliver The Promise"**

- Safety, Health, Environment and Quality
- Commercial Ownership, doing business as if your own
- Creative Customer Solutions and Quality Products
- Working Together

**Your Preferred Provider for  
Rock Support Solutions**



## Autorock Drills In-Stope Support Drill Rigs



September 2010

### Minova RSA

#### Head Office

Cnr Anvil & Brewery Road  
Isando, Gauteng, South Africa  
Tel: +27 (11) 923-1900  
Fax: +27 (11) 923-1935

#### Rustenburg

27 Waterval Road  
Rustenburg, North West, South Africa  
Tel: +27 (14) 592-4869

#### Email

rsamarketing@minovaint.com

#### Web

www.minovarsa.co.za

#### Postal Address

P.O. Box 52, Isando, 1600



A member of the Orica Group



**Solutions from Materials Technology**



In-stope support drill rigs for safe and effective drilling and installation of roof bolts, whilst offering built-in temporary support jacks.



Newly designed Giraffe Drill Rig for installation of roof bolts and cable anchors in areas where the roof exceeds 3m.

This rig also allows the operator access to the hole via a ladder. Fitted to the rig is a clamping and collaring device for ease of changing drill steels.

This rig is capable of drilling 6-10m holes.

## Autorock Drills



### GENERAL FEATURES OF THE AUTOROCK DRILL

- Portable - smallest rig weighs only 45 kg
- One man operation
- All existing facilities & equipment on the mines can be used
- Hands free - once in position
- Roof bolt is installed without moving the machine
- Can torque (tension) the roof bolt
- Substantially reduced noise levels
- No vibration whatsoever on operator's hands
- Pre-set to maximum drilling speed & feed
- Accurately place drill holes with no "wander"
- Built-in temporary support jacks
- Custom made machines can be manufactured to client's requirements
- Miners can drill from at least 2m away - under permanent support

Rig Size	Stope Height Range (mm)	
	Without Extension Legs	With Extension Legs
750	800 - 1280	-
750 Gully Rig	800 - 1280	800 - 2400
950	1000 - 1585	1000 - 2400
1100	1150 - 1790	1150 - 2400
1400	1450 - 2330	1450 - 2400
1600	1650 - 2530	1650 - 3630
1800	1850 - 2730	1850 - 3830
2400	2450 - 3330	2450 - 4430
Customised Rigs Available on Request		

### ADVANTAGES OF THE AUTOROCK DRILL

- Safe support drilling and bolt installation
- Quality support installation with appropriate bolting system
- Safe support drilling and bolt installation
- Remote control
- Fast and accurate drilling
- Cost effective support system
- Improved productivity
- Improved safety with in-stope support installation
- Unique low seam or stoping width machines
- Built-in temporary support jacks on the unit
- Wide rig size range to suit most requirements
- Different rock drill units can be mounted
- Full maintenance and repair service offered

The rig uses a standard mining rock drill which is housed between two telescopic legs which form the clamping frame and the third cylinder thrusts the drill.

Other rock drill options include either electric or hydro-powered units.

The unique, patented design uses standard air and water pressure.

The drill section clips in and out easily to facilitate handling and drill steel changes or when using an impact wrench for mechanical or resin anchors.

