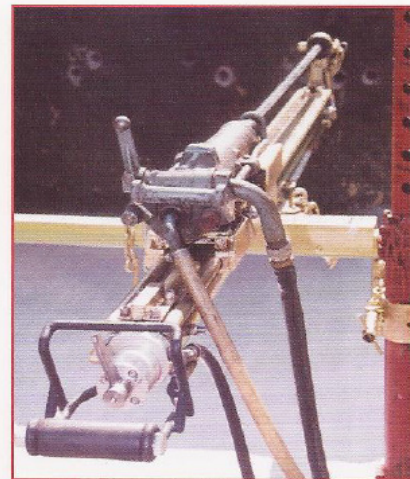
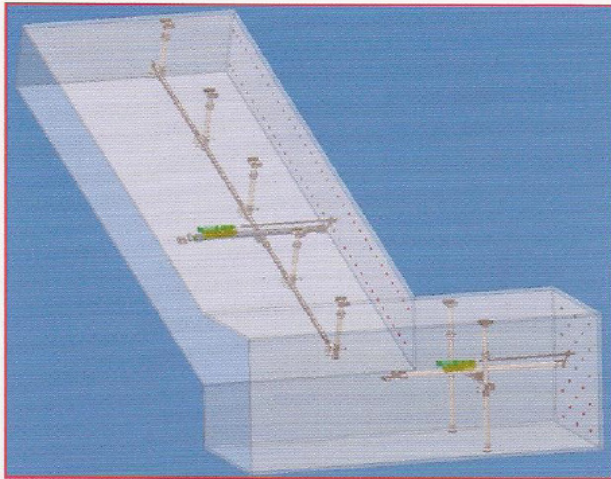

DRILL RIGS FOR STOPES

APPROPRIATE TECHNOLOGY MECHANISED DRILLING



NOVATEK

INNOVATION IN MINING

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APPLICATION

Novatek's range of beam-type drill rigs provides a very cost-effective and simple system for drilling stope blastholes. The drill feeds mount onto and move along beams fitted to temporary or permanent support. The design is modular and low mass; components can be stored in the working area and rapidly assembled by hand.

The system can be supplied with either hydropowered or pneumatic drill feeds.

- More accurate drilling of blastholes means improved hanging and foot wall control, panel shape and better advances per blast.
- 50% faster drilling means lower drill operating costs and improved reliability.
- Operators are located behind the machine – away from the statistically highest rockfall and rockburst zone. Controls are located at the rear of the feed.
- Less physically demanding on drill operators, plus lower exposure to noise and vibration.
- Energy usage is reduced by more efficient drilling.
- Equipment is simple and robust; providing more accurate and faster drilling without restricting the flexibility of mining operations. The rigs are modular, simple and light to transport and erect.
- Roll in the reef, uneven footwall and hanging conditions can easily be accommodated.

SPECIFICATIONS

Stope width range	0.8 to 2.0 m nominal
Support type	Camlok or elongate with preload
Support spacing intervals	Typically 1.5m, 2.0 m
Traverse beam lengths	Typically 1.5 m, 2.0 m nominal - telescoping – 150mm
Traverse beam type	Interlocking beam sections to form continuous beam in panel.
Beam attachment to support	Clamp-on collars
Mounting of boom on traverse beam	Sliding saddle with adjustment for sideways drilling angle
Movement of boom past supports	Turn feed parallel to beam, move past support, turn feed to drill

FEEDS FOR PNEUMATIC DRILLS	
Stroke lengths (mm)	1200, 1500, 2000, 2500, 3000 standard
Overall length (mm)	Stroke length + 736
Width x height (mm)	320 x 310 excl drill, 340 x 320 with drill
Mass (kg) excl drill [for stroke length]	48 kg [1200] 52 kg [1500] 58 [2000] 64 kg [2500] 70 kg [3000]
Suitable drills	Tranter (ex Seco) S215, S 23, S 25. Other brands with mods
Supply fitting	To suit mine standard
Drillsteel section	22 mm (up to 1500) or 25 mm AF (all strokes)

FEEDS FOR HYDROPOWERED DRILLS	
Stroke lengths (mm)	1200, 1500, 2000 standard
Overall length (mm)	Stroke length + 990
Width x height (mm)	230 x 340 excl drill, 265 x 356 with drill
Mass (kg) [for stroke length]	44 kg [1200] 49 kg [1500] 63 kg [2000]
Suitable drills	Novatek mk5; feed or std drill
Supply fitting	NW 13 staple lock
Drillsteel section	22 mm (up to 1500) or 25 mm AF (all strokes)

Note that specifications are subject to change without notice. Products are subject to patent protection.