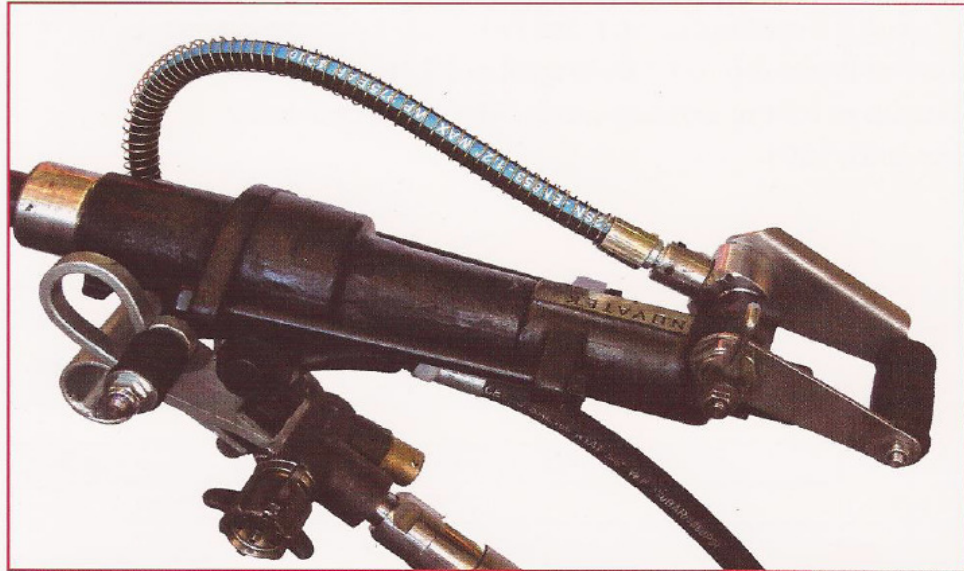

WATER ROCKDRILL

FOR JACKDRILLING AND FEED USE



NOVATEK

INNOVATION IN MINING

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APPLICATION

Novatek water rockdrills are used for drilling of blastholes and roofbolt holes. Drilling rates are much higher than pneumatic drills and ability in fractured rock is excellent due to the independent rotation system.

- Available to suit a range of operating pressures
- Lightweight and ergonomic; able to be operated by a single person
- Use as a jackdrill (with a thrustleg) or on a drill feed. May be remote operated for feed use
- Able to use 22 mm drillsteel (up to 1.5 m length) or 25 mm drillsteels
- Able to recirculate up to 75% of exhaust water (with additional hose)
- In production use since 1991

SPECIFICATIONS

ROCK DRILL	Extra low Pressure XLP	Low Pressure LP	Med Pressure MP	High Pressure HP
OPERATING PRESSURE	7 - 12 MPa	9 - 14 MPa	12 - 16 MPa	14 - 18 MPa
FLOWRATE (NOMINAL)	68 ℓ/min	65 ℓ/min	60 ℓ/min	55 ℓ/min
MASS	Approx 21 kg			
OVERALL LENGTH	635 mm with handle, 540 mm without handle			
DRILLSTEEL SHANK SIZE	22 mm or 25 mm AF x 159mm			
FLUSHING WATER	Portion of exhaust from drill			
EXHAUST WATER RECIRC	Up to 75% at a maximum backpressure of 300 kPa			
PENETRATION RATE	Up to 1.0 m/min in Norite			
AVERAGE DRILLING RATE	> 25 m/hour in Quartz			
BLOW ENERGY	Typically 60 J			
BLOW FREQUENCY	Typically 70 Hz			
DRILLING TORQUE	Typically 60 - 100 Nm			
STALL TORQUE	Up to 200 Nm			
OPERATING FLUID	Clear water to COMRO spec WHP 70, up to 30 °C			
SOUND PRESSURE	105 dBA at drill when drilling (free field measurement)			

THRUST LEG	Stoping	Development
STROKE	750 mm (500 mm on order)	1000 mm
LENGTH WHEN RETRACTED	1293 mm	1530 mm
MASS	16 kg	19 kg

DRILL FEED / RIG	
FEED FORCE	1200 to 2000 N
REMOTE CONTROL	Optional

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