

QUARRY MINING

& CONSTRUCTION EQUIPMENT PTY LTD

ALMINCO 

QUALITY

EXPERTISE

COMMITMENT

UNDERGROUND DRILLING CONSUMABLES – SOFT ROCK



EXPERTISE YOU CAN DEPEND ON

WWW.QUARRYMINING.COM

EXPERTISE YOU CAN DEPEND ON.

Quarry Mining has been providing a wide range of quality products, service and support to the construction and mining industry for 40 years. We are committed to delivering ongoing solutions including on-site support, product trialing and procedures training.

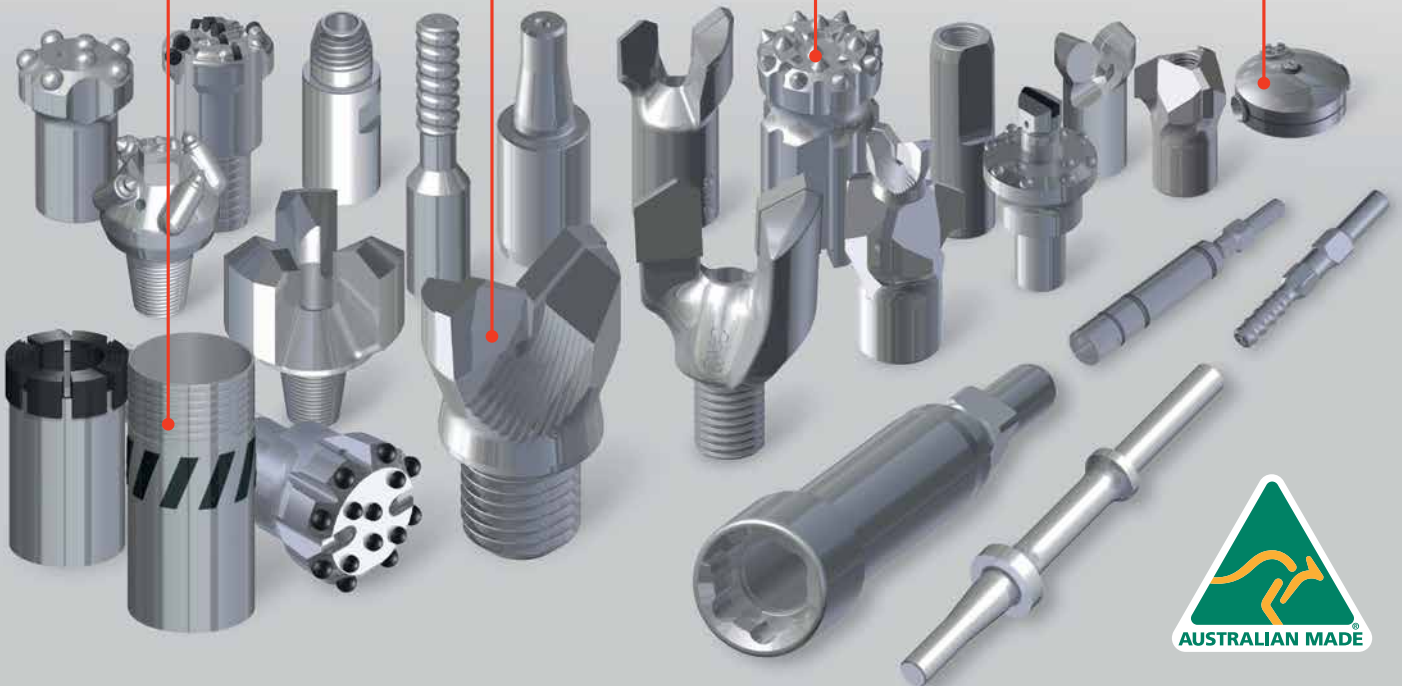
We have a diverse range of product lines to help you, whatever your field...

CORING

TOP HAMMER (HARD ROCK)

ROTARY (SOFT ROCK)

INDUSTRIAL ACCESSORIES



MISSION STATEMENT

To provide exceptional and sustainable value to all of our customers and stakeholders through innovation, collaboration and socially responsible manufacturing and business practices.

STRATEGIC DIRECTION

- > *To always be the organisation that is the most supportive, innovative and engaged with all those striving to deliver best infrastructure where industry expertise is a necessity.*
- > *To be a flexible, entrepreneurial long-term partner to our clients to best assist with their company direction on cost, safety and environmental governance.*
- > *To be one of many SME's supporting each other and the development of trades and engineering skills to ensure the permanency of Australian manufacturing excellence.*
- > *And to inspire our business partners to contribute to the communities in which we live and work.*

CONTENTS

General Information.....	4	Top Mount Roofbolter.....	27
Drill Bits.....	8	Clark Eagle MK2 Air Powered Drill..	28
Drill Rods.....	13	Grout Mixers and Pumps.....	29
Multipass Drilling.....	16	Eat My Dust.....	31
Extension Drilling.....	17	Megabolt Grout Lances.....	32
Grouting Pipes.....	20	General Body Gas Sampling Pump..	34
Roof Bolt Spanners.....	21	Ventilation Fans.....	35
Chuck Extensions.....	22	Venturi Extractor.....	36
Cable Bolt Spanners.....	23	Enerpac - Faster Bolt Tensioning...	37
Hand Tools.....	24	The Cool Tube Mk2.....	38
Gauges.....	25	Rubber Strainer.....	39
Mesh Support - Mantis.....	26	Alminco Pneumatic Equipment, ...	40

GENERAL INFORMATION

EXPERTISE. QUALITY. COMMITMENT.

QUARRY MINING has been setting the industry standard for over 40 years in the design and manufacture of quality, custom made drilling consumables.

Over that time we have grown to become a preferred supplier to some of the biggest names in the Australian Mining, Construction and Tunnelling industries as well as exporting our equipment into Asia, South America, Europe and New Zealand.

Manufactured in the Hunter Valley New South Wales, our high-quality products are supported by our team of experts; committed to fulfilling our customers needs.

We deliver world class solutions to your drilling challenges; site specific or world wide.

Our site representatives, themselves ex coal mine workers, have many years of experience underground.

We have purpose built in-house Research and Development facilities which allow us to continually grow and meet the needs of our customers.

PRODUCT PERFORMANCE



ON-SITE PARTNERS

EXPERTISE

ADDITIONAL SERVICES

QUARRY MINING also offers an extensive range of products and services to compliment our drilling consumables, including:

- Pneumatic Equipment - sales, hire, service, consumables
- Industrial Accessories - hoses, valves, fittings
- Lubricants - oils, grease
- Training - on site, customised packages
- Technical Advice - customised solutions to suit specific requirements and strata conditions



NEW SOUTH WALES

9/14 Yangan Drive,
 Beresfield NSW 2322

ph: +61 (0)2 4966 5028

e: orders@quarrymining.com

Distribution Warehouse - Sydney

Unit 1, No.1 Bearing Road,
 Seven Hills NSW 2147

ph: 0499 707 553

e: tunnels@quarrymining.com

QUEENSLAND

5/35 Iridium Drive,
 Mackay QLD 4740

ph: +61 (0)7 4998 5295

e: ordersqld@quarrymining.com

Heat Treatment - Broadmeadow

26-28 Broadmeadow Road,
 Broadmeadow NSW 2292

ph: +61 (0)2 4961 3659

e: heattreat@quarrymining.com



QMS Certification Services



QMS Certification Services



QMS Certification Services

EXPERTISE YOU CAN DEPEND ON

GENERAL INFORMATION

VALUE ADDED SERVICES

- Engineering Design Capabilities in-house
- In-house Heat Treatment Facility
- PCD Bit Refurbishments
- Qualified in-house Metallurgist and Engineers
- In-house light fabrication
- Gauges for crews – to improve safety for people and longevity of products
- Product trialing
- Training of crews in product usage and longevity
- Vendor management

BUTTON BIT SHARPENING

Bring us your tired drill bits before they are totally cactus and we can restore them almost to their former a glory for a smidgen of the price of a brand new one.

You can also feel good – as do we – about not trashing our planet with wasted steel and tungsten before the time is right.

STEP 1: We use a clever technique of Reverse Electrolysis in a Salt Water solution to erode the steel, without affecting the Tungsten carbide. Drill bits are suspended above a Copper Cathode Plate with enough Salt Solution to cover the area to be eroded. Low voltage current is then transmitted between the cathode and the bit body, thus eroding the steel. For example - an 89mm diameter drill bit can have approximately 1.5mm of steel removed in 15 minutes. The tank accommodates six drill bits of this size per cycle. Each cycle is controlled by an in-built timer, which allows other work to be completed during the erosion process.

STEP 2: To restore the Tungsten Carbide button back to “as new” condition, a Swedish made Bit Sharpening machine is used. This semi-automatic machine utilises diamond impregnated grinding pins that have a concave shape to match the profile and size of the button. A recirculating coolant system suppresses any dust whilst cooling the carbide and grinding pin.

Quality is maintained and dollars and landfill are saved!

PRODUCT TRIALING

Site representative are all experienced underground coal miners themselves. Regular site visits are carried out to assess product’s performance, drilling methodologies or work on improvement initiatives with our clients in real world conditions. We undertake an average of 25 trials per year across all NSW and QLD underground coal mines and tunnels.

CREW TRAINING IN PRODUCT USAGE AND LONGEVITY

HELPING YOU SAVE MONEY AND STAY SAFE

Tailored training packages are produced for our individual customers to showcase their particular suite of products to crews. These presentations are undertaken free of charge by Quarry Mining and ensure that crews are explicitly familiar with the products they are using and encourage the use of our Go No-Go gauges.

This training ensures cost savings two fold. Crews are not using a product that is unsafe due to excessive wear and at the same time they are not discarding a product that is still fit for use.

VENDOR MANAGEMENT

Quarry Mining staff are on site weekly to help maintain stock levels and ultimately minimise, or even eliminate costly emergencies due to low or nil stock levels. It also minimises peaks in spend. Vendor management can take on any form that suits the mines personnel. Obsolete stock can be returned for credit or swapped out for new product.

WORLD CLASS QUALITY CONTROL FOR PERSONAL SAFETY

State of the Art CNC multi-tasking centre with robotic technology for precision manufacture of high quality parts.

Eddy current bore testing of all single pass drill rods.



GO NO-GO GAUGES



AUSTRALIAN MANUFACTURED

EXPERTISE YOU CAN DEPEND ON

RECOMMENDED HOLE SIZES FOR ROTARY DRILL STEELS

When determining suitable drill string configurations, consideration must be given to:

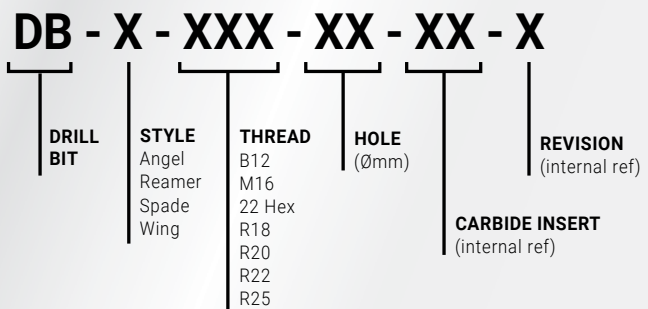
- Ground Conditions – MPa, broken ground, conglomerate, etc.
- Diameter of hole
- Depth of hole
- Capacity of drill rig i.e. hand bolter, hydraulic, electric

DRILL ROD

THREAD SIZE	RECOMMENDED HOLE SIZE (mm)
R18 HEX	26.5 - 42
R18 ROUND	26.5 - 42
R19 HEX	27 - 64
R20 HEX	27 - 64
R20 ROUND	27 - 52
R22 HEX	32 - 72
R22 ROUND	32 - 72

Specific geometrical configurations and carbide grades to suit your site conditions.

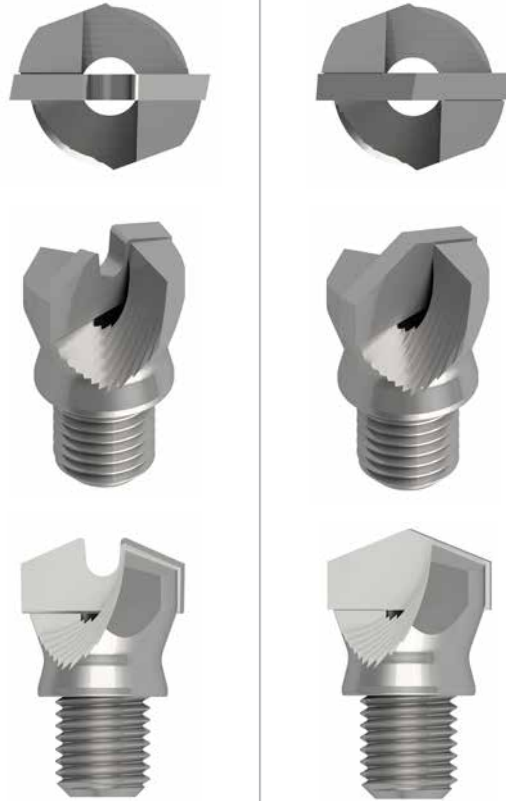
PART NUMBER CONVENTION



SPADE BITS

SPADE BITS

PART NUMBER	SPADE TYPE
DB-S-M16-27-S1-1	Full Spade
DB-S-M16-27-S2-1	Large Notch
DB-S-M16-28-S4-1	Full Spade
DB-S-M16-28-S5-1	Large Notch
DB-S-M16-35-S7-1	Full Spade
DB-S-M16-35-S8-1	Large Notch
DB-S-M16-38-S9-1	Full Spade
DB-S-M16-38-S10-1	Large Notch
DB-S-M16-45-S12-1	Full Spade



ANGEL BITS

Angel Bits 27-37 mm – for the safest and most efficient drilling.

ANGEL BITS

PART NUMBER
DB-A-M16-27-A1-1
DB-A-M16-28-A2-1
DB-A-M16-29-A2-1
DB-A-M16-37-A3-1



10 cents from the sale of **EVERY** Angel Bit is donated to the Regions Rescue Helicopter Service

ANGEL BITS SAVE LIVES

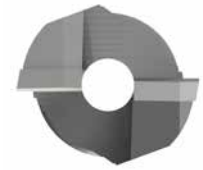


SPADE BITS / ANGEL BITS

TWO WING BITS

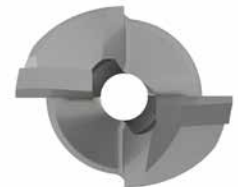
TWO WING BITS: NEGATIVE AND POSITIVE RAKE M16

PART NUMBER	RAKE
DB-W-M16-27-W1-1	Negative
DB-WP-M16-27-W2-1	Positive
DB-W-M16-28-W1-1	Negative
DB-WP-M16-28-W2-1	Positive
DB-W-M16-29-W1-1	Negative
DB-W-M16-32-W3-1	Negative
DB-W-M16-35-W3-1	Negative
DB-W-M16-38-W3-1	Negative
DB-W-M16-40-W5-1	Negative
DB-W-M16-42-W5-1	Negative
DB-W-M16-45-W5-1	Negative
DB-W-M16-50-W5-1	Negative



TWO WING BITS: FEMALE ROPE THREAD

PART NUMBER
DB-W-R18-42-W5-1
DB-W-R18-45-W5-1
DB-W-R19-42-W5-1
DB-W-R19-45-W5-1
DB-W-R20-42-W5-1
DB-W-R20-45-W5-1
DB-W-R22-42-W5-1
DB-W-R22-42-W5-1-HD
DB-W-R22-45-W5-1
DB-W-R22-52-W6-1
DB-W-R22-55-W6-1
DB-W-R22-64-W6-1



THREE WING REAMER BITS – ROPE THREAD

For use with standard M16 and rope thread Pilot Bits.

THREE WING REAMER BITS: ROPE THREAD

PART NUMBER

DB-R-R18-45-3W-R2-1

DB-R-R19-52-3W-R3-1

DB-R-R19-55-3W-R3-1

DB-R-R20-55-3W-R3-1

DB-R-R20-64-3W-R3-1

DB-R-R22-45-3W-R1-1

DB-R-R22-52-3W-R3-1

DB-R-R22-55-3W-R3-1

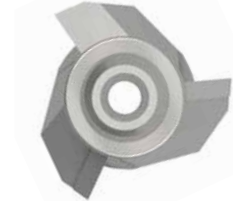
DB-R-R22-64-3W-R3-1

DB-R-R22-72-3W-R3-1

DB-R-R22MF-55-3W-R3

DB-R-R22MF-64-3W-R3

DB-R-R22MF-130-3W-W5



THREE WING REAMER BITS – IN LINE

Inverted wings for extra safety – minimises the risk of catching on mine mesh.

THREE WING REAMER BITS: IN LINE

PART NUMBER

DB-R-22H-45-3W-R1-1

DB-R-22H-55-3W-R3-1

DB-R-22H-64-3W-R3-1

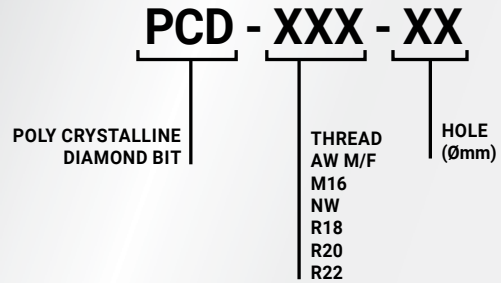


DRILL BITS PCD

DRILL BITS – PCD FOR HARD STRATA

Poly Crystalline Diamond (PCD) for use in extreme conditions.

CONVENTION



PCD DRILL BITS: M16 THREAD

PART NUMBER

PCD-M16-27

PCD-M16-28

PCD-M16-32

PCD-M16-35

PCD-M16-38

PCD-M16-42



PCD-M16

PCD DRILL BITS: ROPE & AW THREAD

PART NUMBER

PCD-R18-35

PCD-R22-45-FOF-20

PCD-R18-38

PCD-R22-48

PCD-R18-42

PCD-R22-52

PCD-R20-42

PCD-R22-55

PCD-R22-42

PCD-R22-64

PCD-R22-42-HM

PCD-R22-64-3W

PCD-R22-42-FOF-20

PCD-AWM-52

PCD-R22-45

PCD-AWM-55

PCD-AWM-64

* Custom designs available on request



R22 "FM"

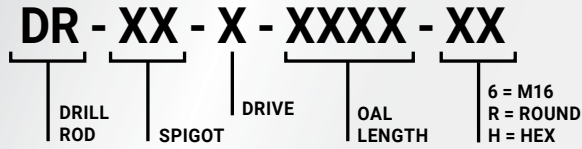


PCD-R22-42-FOF

DRILL RODS

25 Square Drive to M16. Specific lengths can be manufactured upon request.

CONVENTION



ROUND DRILL RODS

Part Number	Overall Length	Weight (kg)
DR-22-7-0300-6R	300 mm	0.9
DR-22-7-0600-6R	600 mm	1.4
DR-22-7-0900-6R	900 mm	1.9
DR-22-7-1100-6R	1100 mm	2.3
DR-22-7-1250-6R	1250 mm	2.6
DR-22-7-1350-6R	1350 mm	2.8
DR-22-7-1550-6R	1550 mm	3.2
DR-22-7-1850-6R	1850 mm	3.8
DR-22-7-1900-6R	1900 mm	3.9
DR-22-7-1950-6R	1950 mm	4.0
DR-22-7-2150-6R	2150 mm	4.4
DR-22-7-2200-6R	2200 mm	4.5
DR-22-7-2250-6R	2250 mm	4.7
DR-22-7-2350-6R	2350 mm	4.9
DR-22-7-2450-6R	2450 mm	5.0
DR-22-7-2550-6R	2550 mm	5.3

HEX DRILL RODS

Part Number	Overall Length	Weight (kg)
DR-22-7-0300-6H	300 mm	0.86
DR-22-7-0600-6H	600 mm	1.76
DR-22-7-0900-6H	900 mm	2.67
DR-22-7-1250-6H	1250 mm	3.68
DR-22-7-1550-6H	1550 mm	4.55
DR-22-7-1850-6H	1850 mm	5.45
DR-22-7-1950-6H	1950 mm	5.9
DR-22-7-2150-6H	2150 mm	6.36
DR-22-7-2250-6H	2250 mm	6.71
DR-22-7-2450-6H	2450 mm	7.16
DR-22-7-2750-6H	2750 mm	8.1



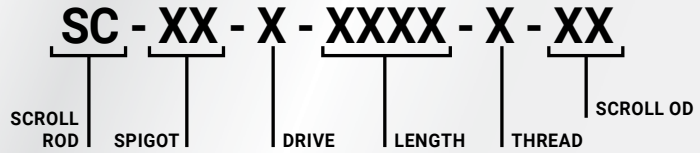
DRILL RODS - SINGLE PASS

SCROLL RODS SINGLE PASS

SCROLL RODS

For use in friable or soft drilling conditions.
25 Square Drive to M16. Specific lengths can
be manufactured upon request.

CONVENTION



SCROLL RODS: 26 mm

PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
SC-22-7-1250-6-26	1250 mm	3.3
SC-22-7-1350-6-26	1350mm	3.5
SC-22-7-1550-6-26	1550 mm	4.1
SC-22-7-1850-6-26	1850 mm	4.9
SC-22-7-2150-6-26	2150 mm	5.7

SCROLL RODS: 32 mm

PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
SC-22-7-1250-6-32	1250 mm	4.2
SC-22-7-1550-6-32	1550 mm	5.1
SC-22-7-1800-6-32	1800 mm	6.0
SC-22-7-2200-6-32	2200 mm	7.3

SCROLL RODS: 38 mm

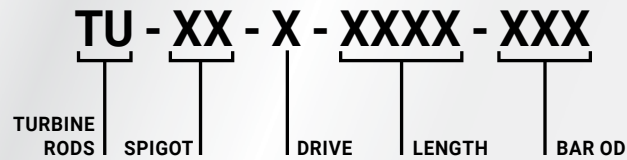
PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
SC-22-7-1250-6-38	1250 mm	5.2
SC-22-7-1550-6-38	1550 mm	6.3
SC-22-7-1800-6-38	1800 mm	7.3
SC-22-7-2200-6-38	2200 mm	8.9



TURBINE RODS

25 Square Drive to M16. Specific lengths can be manufactured upon request.
Diameter 26 mm for use with 27-32 mm holes.

CONVENTION



TURBINE RODS

PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
TU-22-7-0600-19R	600 mm	1.2
TU-22-7-0900-19R	900 mm	1.9
TU-22-7-1250-19R	1250 mm	2.6
TU-22-7-1550-19R	1550 mm	3.2
TU-22-7-1850-19R	1850 mm	3.8



TURBINE RODS – SINGLE PASS

CHUCK ADAPTORS

CHUCK ADAPTORS

PART NUMBER	DESCRIPTION	WEIGHT (kg)
CA-25S-22HF-SL	25 SQDR Adaptor – 22 mm Hex Female (one piece) SLIM BOY	1.93
CA-25S-28SF-SL	25 SQDR Adaptor – 28 mm Square Female (one piece) SLIM BOY	1.8

22 Hex Female



28 Square Female



EXTENSION DRILLING R18

WING BITS

#	DESCRIPTION
1	M16 Bits available in sizes 27 to 42 mm max. Use with an adaptor
2	R18 Thread wing bits available in sizes 42 mm – 55 mm
3	In-Line Hex Reamers available in 45, 52, 55 and 64 mm

M/F DRILL RODS: ROUND

#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
	RR18-MF-0500	500 mm	1.16
4	RR18-MF-1000	1000 mm	2.0
	RR18-MF-1500	1500 mm	3.16
	RR18-MF-2000	2000 mm	4.16

M/F DRILL RODS: HEX

PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
HR18-MF-0500	500 mm	1.5
HR18-MF-1000	1000 mm	3.0
HR18-MF-1500	1500 mm	4.5
HR18-MF-2000	2000 mm	6.1

LEAD RODS + ADAPTORS

#	PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
5	BA-R18-M16F-22R-1000	1000 mm	2.0
6	BA-R18-M16F-22R	150 mm	0.27

CHUCK ADAPTORS

#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
7	CA-25S-R18M	150 mm	0.42



EXTENSION DRILLING

EXTENSION DRILLING

EXTENSION DRILLING R20

WING BITS

#	DESCRIPTION
1	M16 Bits available in sizes 27 to 50 mm Use with an adaptor
2	R20 Thread Wing Bits available in sizes 42 to 52 mm*
3	In-Line Hex Reamers available in 45 and 52 mm

* Please note: Hex rods are recommended when drilling holes greater than 45 mm diameter in R20. Refer to page 8.

M/F DRILL RODS: ROUND

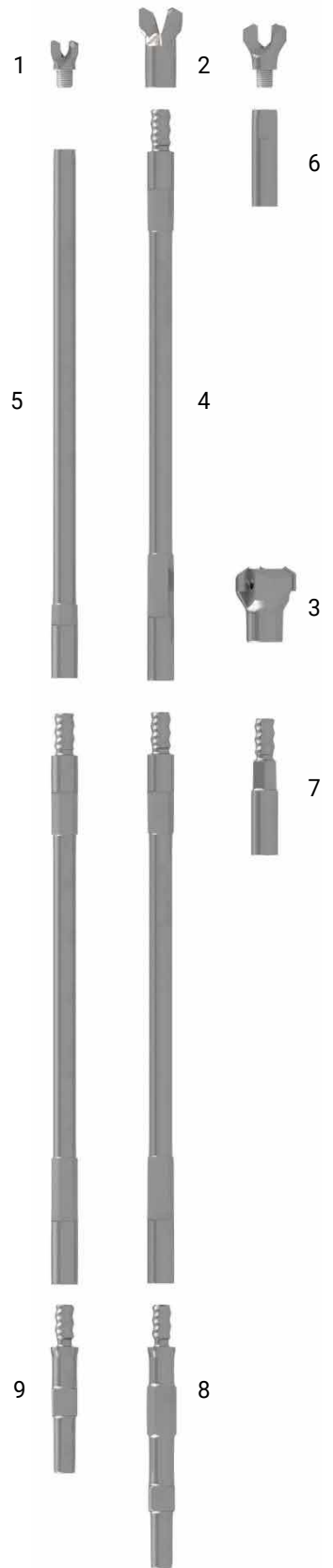
#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
	RR20-MF-0500	500 mm	1.2
4	RR20-MF-1000	1000 mm	2.2
	RR20-MF-1500	1500 mm	3.2
	RR20-MF-2000	2000 mm	4.2

ADAPTORS

#	PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
5	BA-R20-M16F-22R-1000	1000 mm	2.1
6	BA-R20-M16F	100 mm	0.2
7	ADP-R20F-R20M-22H	150 mm	0.3

CHUCK ADAPTORS

#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
8	CA-25S-R20M-0250	250 mm	0.75
9	CA-25S-R20M	150 mm	0.41



EXTENSION DRILLING R22

WING BITS

#	DESCRIPTION
1	M16 Bits available in sizes 38 to 50 mm Use with an adaptor
2	R22 Thread Wing Bits available in 42 to 64 mm

M/F DRILL RODS: 28 SQUARE DRIVE: ROUND

#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
4	RR22-MF-0300	300 mm	1.27
	RR22-MF-1000	1000 mm	3.9
	RR22-MF-1500	1500 mm	5.8
	RR22-MF-1600	1600 mm	6.1
	RR22-MF-1650	1650 mm	6.3
	RR22-MF-2000	2000 mm	7.5

M/F DRILL RODS: HEX

#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
3	HR22-MF-0500	500 mm	1.79
	HR22-MF-1000	1000 mm	3.15
	HR22-MF-1500	1500 mm	4.50
	HR22-MF-2000	2000 mm	5.87

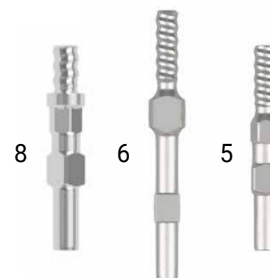
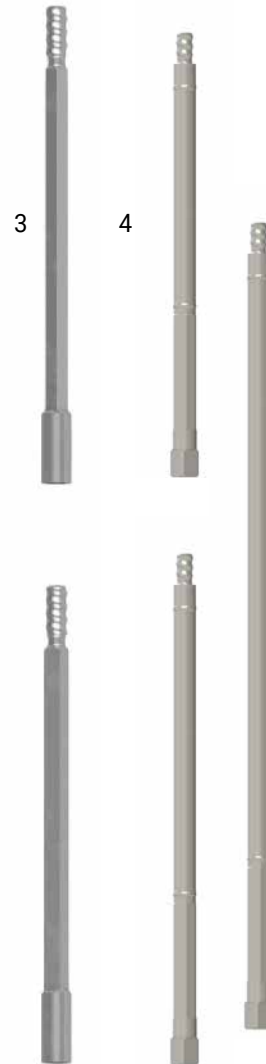
BIT ADAPTORS

#	PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
7	BA-R22-M16F	100 mm	0.35

CHUCK ADAPTORS

#	PART NUMBER	EFFECTIVE LENGTH	WEIGHT (kg)
5	CA-25S-R22M	150 mm	0.5
6	CA-25S-R22M-22H-0250	250 mm	0.72
8	CA-25S-R22M-28R*	150 mm	0.9

* For use with round R22 rods.



EXTENSION DRILLING

STAND PIPES

WING BITS

#	PART NUMBER	DESCRIPTION
1	DB-SPW-1BSP-45-W3-1	45 mm Wing Bit to suit 25 mm BSP Standpipe

STANDPIPE DRILL RODS

#	PART NUMBER	DESCRIPTION
2	PIPE-BS-025-1000	Black Steel Pipe 1000 mm
	PIPE-BS-025-1500	Black Steel Pipe 1500 mm
	PIPE-BS-025-2000	Black Steel Pipe 2000 mm
3	FIT-SOC-BS-025	Socket (coupler) – included

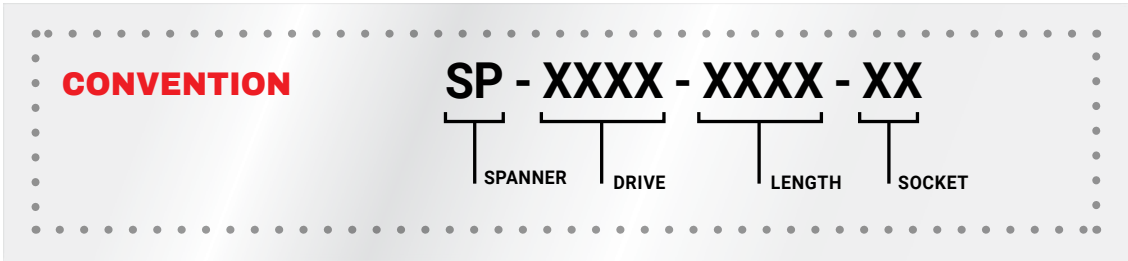
CHUCK ADAPTOR

#	PART NUMBER	DESCRIPTION
4	CA-25SM-1BSPF	25 Square Drive Standpipe Adaptor



SPANNERS

Strongest and safest available. All spanners have hardened steel sockets and heat treated drive ends. Other socket sizes can be manufactured upon request.



STANDARD 25 SQUARE DRIVE WITH 36 AF SOCKET: NON FLUSH

PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
SP-25SM-0300-36	300 mm	1.9
SP-25SM-0450-36	450 mm	2.8
SP-25SM-0500-36	500 mm	3.1
SP-25SM-0600-36	600 mm	3.7
SP-25SM-0800-36	800 mm	4.9
SP-25SM-1000-36	1000 mm	6.1



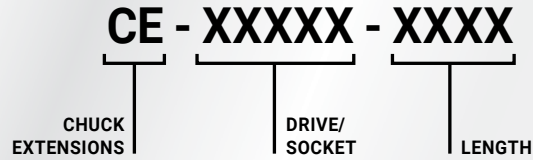
ROOF BOLT SPANNERS

CHUCK EXTENSIONS

CHUCK WET EXTENSIONS

Chucks are machined from premium steel and are heat treated for longevity.

CONVENTION



CHUCK EXTENSIONS: THROUGH WATER HOLE

PART NUMBER	OVERALL LENGTH	WEIGHT (kg)
CE-25SMF-0300	300 mm	1.82
CE-25SMF-0450	450 mm	2.66
CE-25SMF-0500	500 mm	2.94
CE-25SMF-0600	600 mm	3.5
CE-25SMF-0800	800 mm	4.62
CE-25SMF-1000	1000 mm	5.74

** Other lengths can be manufactured upon request.*



CABLE BOLTING SPANNERS: THROUGH WATER HOLE

PART NUMBER	DESCRIPTION
SP-25SM-XXXX-HI10	Hi-Ten Cable Spanner
SP-25SM-XXXX-20	Strand Spanner
SP-25SM-XXXX-36-20-F	Strand Spanner with 36 AF
SP-25SM-0390-MBW9	Megabolt Spanner
SP-25SM-MTTB-XXXX-59	Megabolt TTX Spanner
SP-25SM-0350-60L-36AF	Goliath Spanner

** Other lengths can be manufactured upon request.*

Megabolt Spanner



Hi-Ten Cable Spanner



Goliath Spanner



Strand Spanner



Megabolt TTX Spanner



HAND TOOLS

HAND TOOLS

Quarry Mining supplies a range of speciality tools to assist in the safe disassembly and or retraction of drilling strings.

HAND TOOLS

PART NUMBER	DESCRIPTION	WEIGHT (kg)
ROD-BREAKER-22R	Rod Breaker - 22 mm Round Rods	1.49
ROD-BREAKER-22R-1	Rod Breaker - 22 mm Round Rods, One End	1.29
SA78	Strong Arm - 7/8"	1.99
TOOL-BIT-REMOVER	27-28 mm Wing Bit Remover Tool	1.54

Strong Arm



Bit Remover



Rod Breaker



Rod Breaker



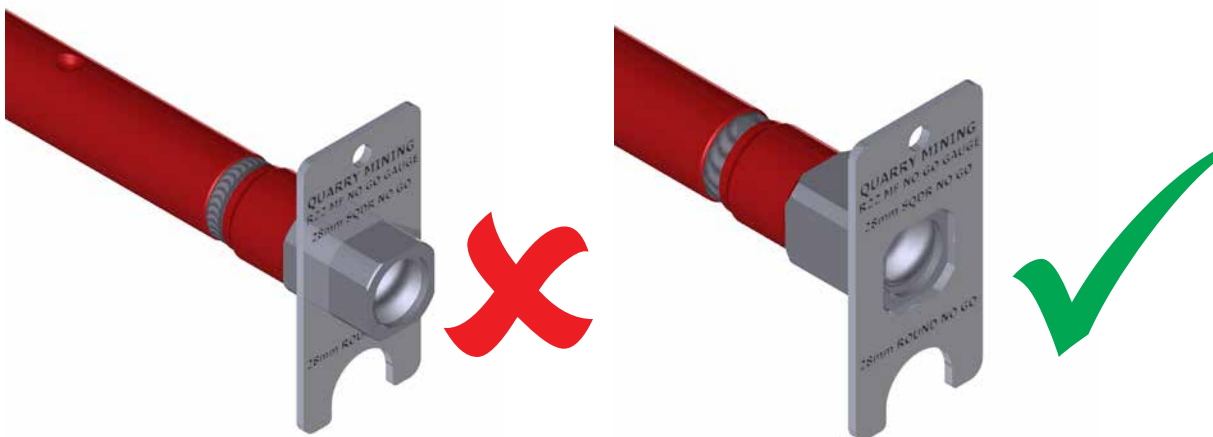
DRILL ROD GAUGES

Go No-Go Gauges provide two fold benefit:

- Safety of workers: assurance that rods are fit for purpose.
- Cost Savings: reduce waste of rods that have acceptable wear and should not yet be discarded.

DRILL ROD: GO NO-GO GAUGES

PART NUMBER	DESCRIPTION
GAUGE-GNG-22H	Go No-Go Gauge for R18 MF Rods
GAUGE-GNG-25SQM	Go No-Go Gauge for 22 mm Round Single Pass Rods
GAUGE-GNG-28SQM	Go No-Go Gauge for R22 28 mm Round MF Rods
GAUGE-GNG-R20FM	Go No-Go Gauge for R20 MF Rods
GAUGE-GNG-R22H	Go No-Go Gauge for R22 22 mm Hex MF Rods



GAUGES

MESH SUPPORT - MANTIS

Quarry Mining & Construction Equipment is the designer, manufacturer and supplier of the Alminco Mantis (Mantis).

- ✓ **OEM** – Quarry Mining & Construction Equipment is the OEM of Alminco products.
- ✓ **Australian Designed and Manufactured** at Quarry Mining's Beresfield facility.
- ✓ **Robust Design** – Produced with high quality materials designed for the mining and construction industries.
- ✓ **Service** – Full parts list and back-up service and repairs available from the OEM.
- ✓ **Documentation** – A comprehensive plant safety file is available including reports and training documents.
- ✓ **Support** – For more information or a demonstration, contact your Quarry Mining Technical Representative.

SPECIFICATIONS:

Closed Height:	1450mm
Extended Height:	3400mm
Stroke:	1950mm
Performance:	Maximum lifting capacity 720kg (stage 1), 500kg (stage 2)
Weight:	25kg with ergonomic bottom and grab handle lifting points.

ALMINCO



**FRAS
CERTIFIED**

Functional Design: The Mantis is portable pneumatic plant used to temporarily lift and retain mesh against the roof/back, ribs/face/sidewall or act as a sprag between two fixed surfaces to improve safety and efficiency of operations.

Models: The standard model has a three-stage air leg, Mantis head plate and fixed foot. Optional features are a dynamic foot and extended head.

Design Features: Light weight and robust. Structural plant components are made from steel and a filament wound Glass Reinforced Plastic (GRP) material air leg (proven in the Alminco roof bolter). Design features are a bottom sealing plate assembly with over pressure relief, rigid steel foot spike, leg tube assembly pressure tested to FOS of 3:1, top leg clamp controller assembly with simple control lever, FRAS hose (suitable for underground coal), four-pronged/spiked Mantis head and non-dumping check valve safety feature.

TOP MOUNT ROOFBOLTER - GOPHER

SUPERIOR UNIT - HIGH TORQUE, THRUST AND RELIABILITY

SALES - HIRE - SERVICE

- Simple operation
- Lightweight
- Fingertip control
- Reduced noise emissions
- Energy saving motor
- Cone and Cup bearing
- Advanced leg components

ALMINCO
 Gopher



TECHNICAL SPECIFICATIONS

GOPHER - Hitorque Extended	@80 PSI	@100 PSI
Motor Size	95 mm	95 mm
RPM (no load)	670	720
Air Consumption	3.7 m ³ /min	4.0 m ³ /min
Water Supply Pressure (recommended)	861-1206 kPa	861-1206 kPa
Water Flow Rate (subject to supply)	12 L/min	14 L/min
Stall Torque	250 Nm	280 Nm
Torque through clutch	339 Nm	339 Nm
Maxi Leg thrust		
Stage 1	903 kgf	1129 kgf
Stage 2	690 kgf	863 kgf
Stage 3	487 kgf	609 kgf
Noise level	84 dB(A)	90 dB(A)

3 Stage Models	Model No.	Collapsed Length (mm)	Extended Length (mm)
70-LDL-035 (short motor)	118	845	1330
70-LDL-045 (short motor)	200	1050	2140
70-LDL-055E	250	1185	2530
70-LDL-065E	310	1360	3215
70-LDL-075E	350	1520	3825

* An oiler should be fitted within 5m of the gopher

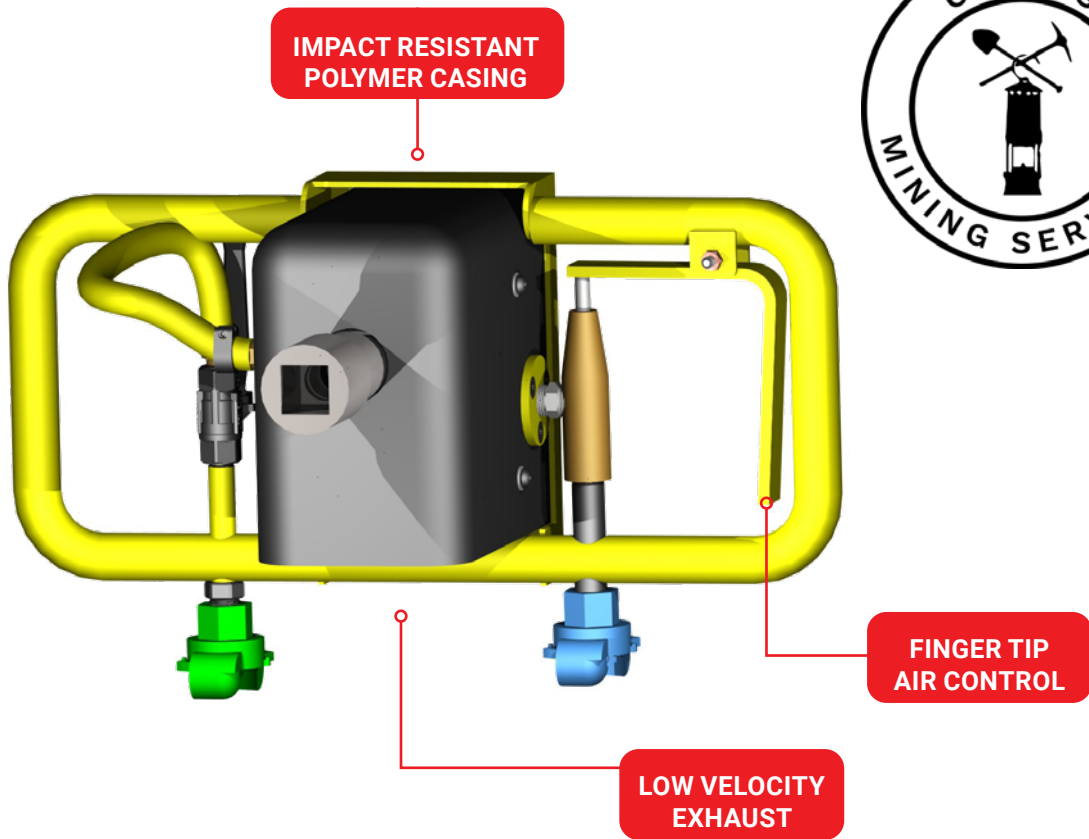
Refer to OEM of roofbolter operators guide and safety points for safe working practices.

NOTE: Other styles and sizes are available. A full range of spare parts is available for all equipment.

TOP MOUNT ROOFBOLTER

EXPERTISE YOU CAN DEPEND ON

CLARK EAGLE MK2 AIR POWERED DRILL

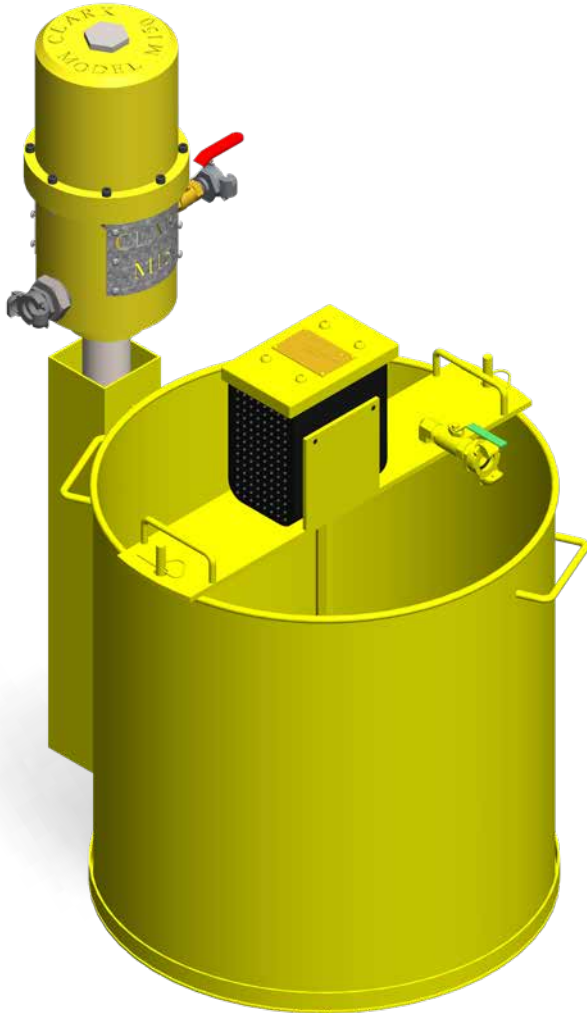


CLARK EAGLE MK2 AIR POWERED DRILL

- ✓ Reduced noise emission
- ✓ Energy saving motor
- ✓ Airleg attachment available

RIB DRILL TECHNICAL SPECIFICATIONS

DIMENSIONS:	HEIGHT	273 mm
	WIDTH	450 mm
	DEPTH	316 mm
WEIGHT:		9 kg
STALL TORQUE:		68 Nm
AIR CONSUMPTION:		2.2 m ³
AIR PRESSURE MAX:		827 kPa
DRILL CHUCK:		25 mm twist lock square



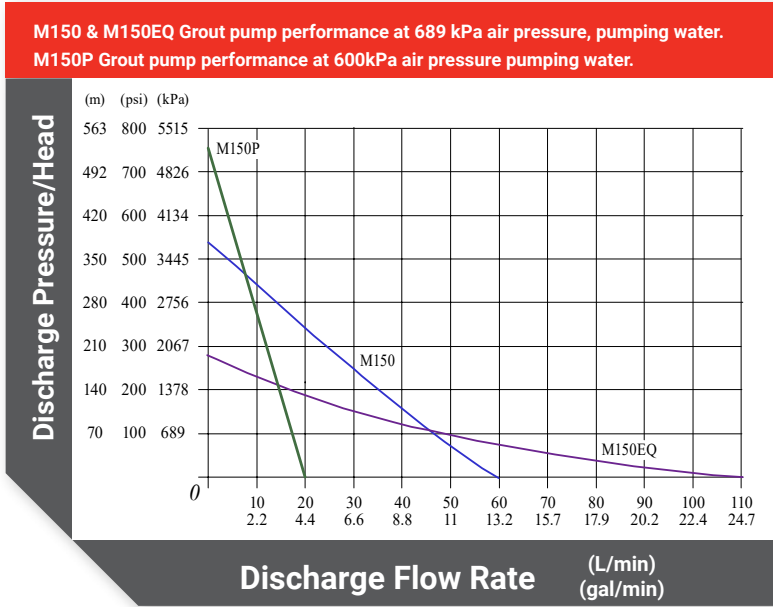
GROUT MIXERS AND PUMPS

- ✓ Versatile and easy to use
- ✓ Mesh guards fitted

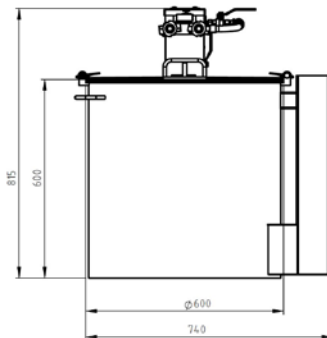
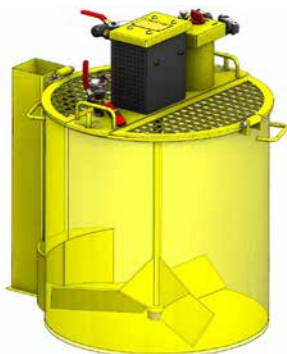
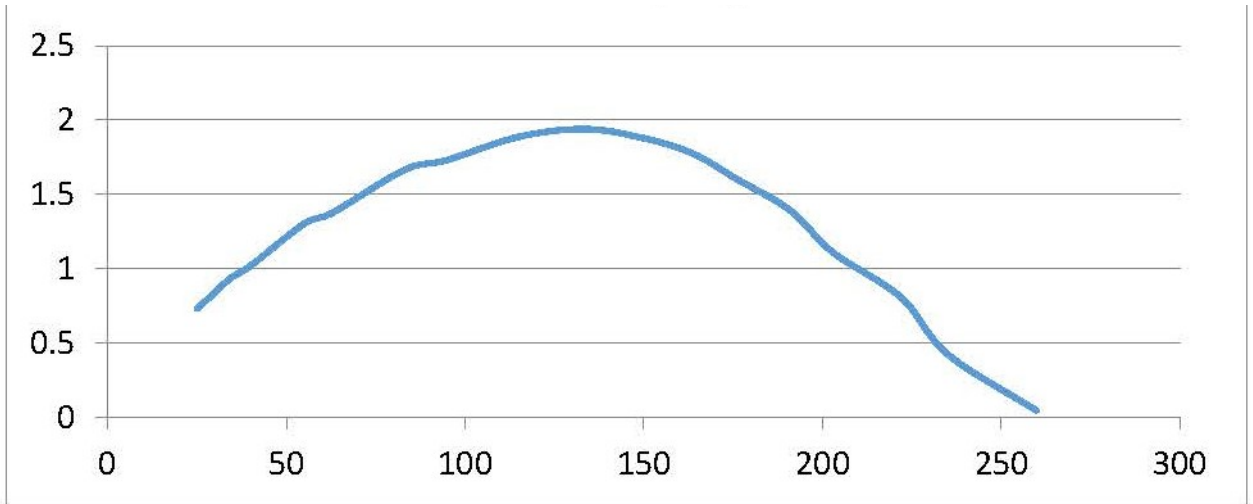
OPTIONS:

- ✓ **150** and **500** litre capacities
- ✓ **Thixotropic bowl** or **flat bottom**
- ✓ **Standard** or **high torque** mixer
- ✓ **Standard** or **high flow** pumps

GROUT MIXERS AND PUMPS



SPECIFICATIONS	M150P	M150	M150EQ
Motor Piston (Ømm)	150	150	150
Weight (kg)	16.6	17	19
Length (mm)	1056	1090	1095
Maximum Flow (L/min)	20	60	110
Maximum Pressure (kPa)	5100	3500	1900
Maximum Air Supply (m³/h)	50	50	50
Discharge Port (mm BSP)	25	25	40



GP407 GROUT MIXER

- Power: 1.94 kW @ 133 rpm
- Maximum free speed: 260 rpm
- Starting torque: 279 Nm
- Stall torque: 501 Nm
- Air Consumption: 37 L/sec
- Weight: 49 kg



EAT MY DUST

GROUT BOWL DUST MITIGATION SYSTEM

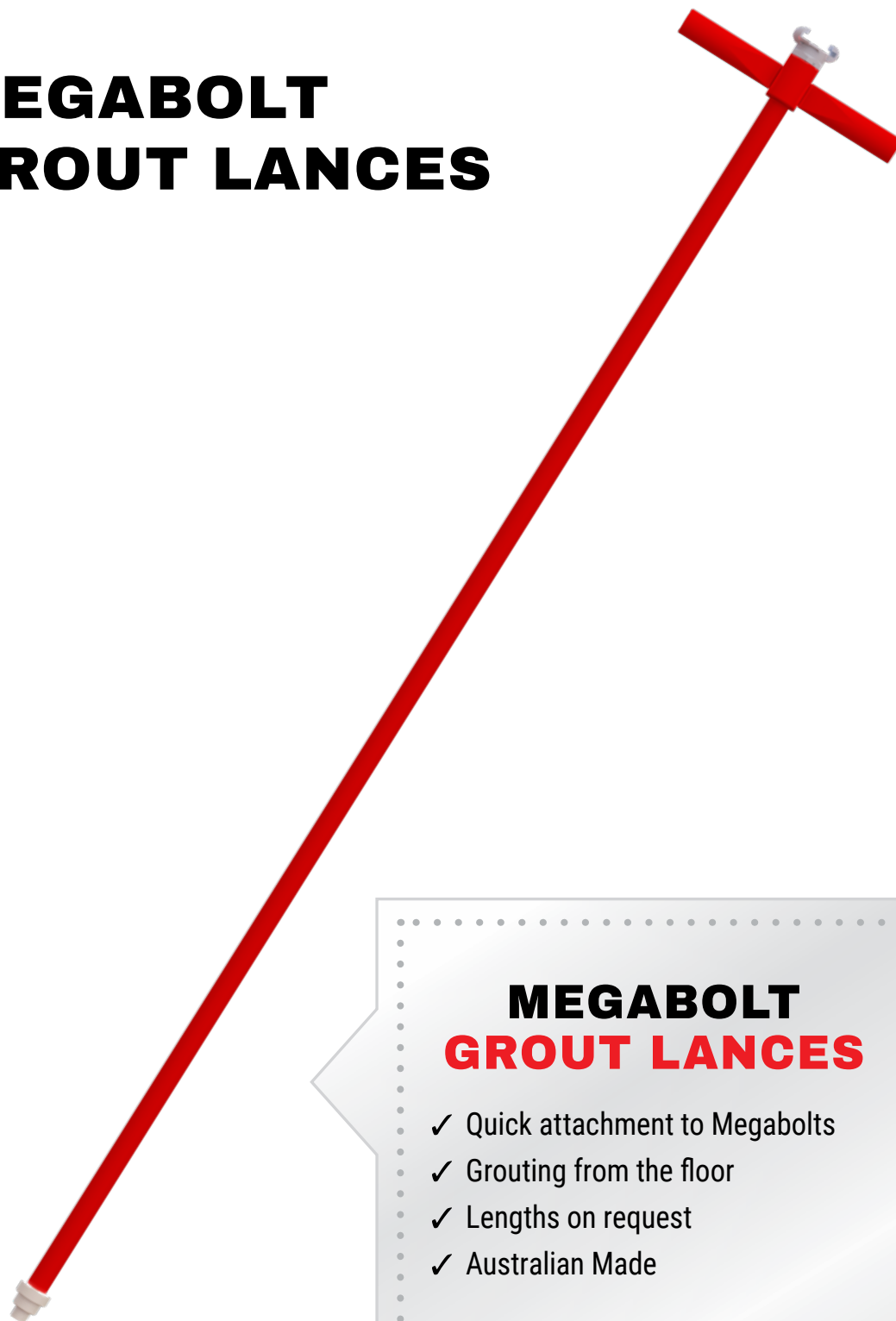
- ✓ Superior dust control - minimises risk to personnel, mess and product wastage
- ✓ Ergonomically improved - minimal bend and twist for operator
- ✓ Adapts to any make of 150 litre bowl unit



EAT MY DUST

EXPERTISE YOU CAN DEPEND ON

MEGABOLT GROUT LANCES



MEGABOLT GROUT LANCES

- ✓ Quick attachment to Megabolts
- ✓ Grouting from the floor
- ✓ Lengths on request
- ✓ Australian Made

MEGABOLT – GROUT LANCES

MEGABOLT QUICK RELEASE GROUT LANCE*



MEGABOLT QUICK RELEASE GROUT LANCE*

- ✓ Quick Release and Install
- ✓ Robust and Compact Design
- ✓ Easily Operated by 1 Person
- ✓ Australian Made
- ✓ Nylon Grouting Head
- ✓ Spares available for all components
- ✓ Detailed specifications available on request

* Patent pending

MEGABOLT – GROUT LANCES

EXPERTISE YOU CAN DEPEND ON

GENERAL BODY GAS SAMPLING PUMP

GENERAL BODY GAS SAMPLING PUMP



GENERAL BODY GAS SAMPLING PUMP

- ✓ 500ml capacity
- ✓ One step sampling process - allows for quick and efficient sampling
- ✓ Easy attachment of sample bag
- ✓ Fill bag whilst still attached to sample point for true sample collection
- ✓ Brass Body – no aluminium parts
- ✓ Ability to “spot sample” for general body sample in roadways

3 MODELS AVAILABLE:

AF250

- 9 kg
- Blade dia 250 mm
- Air Delivery 0.6 m³/sec
- Air Consumption 26 L/sec

AF500

- 11 kg
- Blade dia 500 mm
- Air Delivery 3.4 m³/sec
- Air Consumption 70 L/sec

18AF680

- 35 kg
- Blade dia 600 mm
- Air Delivery 5.5 m³/sec
- Air Consumption 80 L/sec



VENTURI EXTRACTORS

- ✓ Available in FRAS or alloy and galvanised steel construction:
 - **FRAS Sizes:** 40mm or 100mm (throat size)
 - **Steel Sizes:** 75mm, 152mm, 203mm
- ✓ Air powered, suitable to remove fumes that may be poisonous, explosive or hazardous from process towers, tanks, large pipes or confined spaces
- ✓ Maintenance free
- ✓ No moving parts
- ✓ Can be reversed and used as a blower
- ✓ Trouble free and quiet
- ✓ Detailed specs available on request





✓ Tension bolts to 20–30 tonne in 30-60 seconds, not minutes!

- ✓ All exposed aluminium components replaced with alternative materials.
- ✓ Advanced 'hold and retract' function.
- ✓ Incorporates proven technology of Enerpac ZA4 pump, which is ATEX 95 certified for use in potentially explosive atmospheres.
- ✓ High efficiency pump design, higher oil flow and bypass pressure.
- ✓ Two-speed operation reduces cycle times for improved productivity.
- ✓ Air-hydraulic pump featuring reliable Enerpac componentry.
- ✓ Tensioning of cable bolts to 20–30 ton with as little as 60 psi pit air pressure.
- ✓ Portable with optional carry frame (roll cage).
- ✓ Quality air filter and lubricator (optional).
- ✓ Suitable for use with existing tensioner heads (6000 psi) or equipment.
- ✓ Pressure can be set in the 6000–10,000 psi range internally (tamper proof).
- ✓ Up to 6 times faster than other air operated tensioning equipment.
- ✓ Tension mega bolts (8 metre) in 30–60 seconds.
- ✓ Available in manual or pendant control (up to 6m pendant).
- ✓ Multi-purpose intensifier pump suitable for use with Enerpac attachments.
 - bolt & cable cutters - nut splitters - hydraulic cylinders & jacks (subject to appropriate pressure adjustment).

FASTER TENSIONING OF MEGABOLTS & CABLE BOLTS

The new Enerpac Underground Intensifier Pump. Custom built for safe underground use.

After working with Enerpac we now have a custom built intensifier pump to speed up the tensioning process in underground mining and tunnelling.

All exposed aluminium components have been replaced with alternative materials. The traditional foot pedal operation has been replaced with a simple directional control lever on the manual pumps and a pendant control for the pendant pump. Operation is easily controlled from the palm of your hand.

Distributed by **QUARRY MINING** under licence from Custom Mining Products.



THE COOL TUBE MKII

THE COOL TUBE MKII



THE COOL TUBE[®] MKII

Operational testing traceable back to National Standards by the NATA certified laboratory, SIMTARS

Mine Spec, compressed air driven portable “air conditioners”, deliver super cooled air to the workspace to combat the environmental conditions of heat stress, and or assist in controlling the operation temperatures of equipment and infrastructure.

THE
COOL
TUBE
MKII

Developed and manufactured for the intended use of:

- ✓ Hot, humid underground mining activities that are low ventilation.
- ✓ Confined space locations such as vessels, dragline tubes, hoppers and tank compartments.
- ✓ Concealed areas, tunnels and shafts.
- ✓ Positive pressure air-conditioned refuge chambers, COBs and crib areas.
- ✓ Fixed equipment and infrastructure cooling - i.e. transformers, electric motors, gearboxes, radiators and bearings
- ✓ Any hot and or humid work area with sufficient compressed air available.

*With no moving or maintainable parts, **THE COOL TUBE[®] MKII** has a size to suit your application.*



Advanced Flexible Dewatering and Filtration Strainer for Harsh Environments

- ✓ Use on roadways open cut and underground subject to constant water inundation
- ✓ Strong, Lightweight and flexible
- ✓ Does not corrode – long lasting
- ✓ Quick and easy to clean
- ✓ No sharp edges reducing injuries
- ✓ No steel / sharp objects submersed reducing trip and cut hazards
- ✓ Easy to use inside boreholes
- ✓ Suction Hosetail attachment



REFLEX RUBBER STRAINER

Technical Specifications

Flow rate	850 litres per minute
Elongation	Safe capability 450%
Hole size	8mm
Length	370mm or 470mm with hosetail
Width	90mm
Weight	550g or 700g with hosetail
Hardness	90 shore A
Temperature range	Safe -66 °C to 100+ °C
Size	2" (51mm) standard. Other sizes available on request.

Assemblies made to length as requested.

EXPERTISE YOU CAN DEPEND ON

ALMINCO



PNEUMATIC EQUIPMENT SALES, HIRE, REPAIR & SERVICE

MINING EQUIPMENT

SALES & SPARES

QUARRY MINING is a manufacturer and supplier of Australian made drilling products for coal mines and tunnelling projects.

We are an ISO9001 accredited company, with a commitment to quality products and superior customer service.

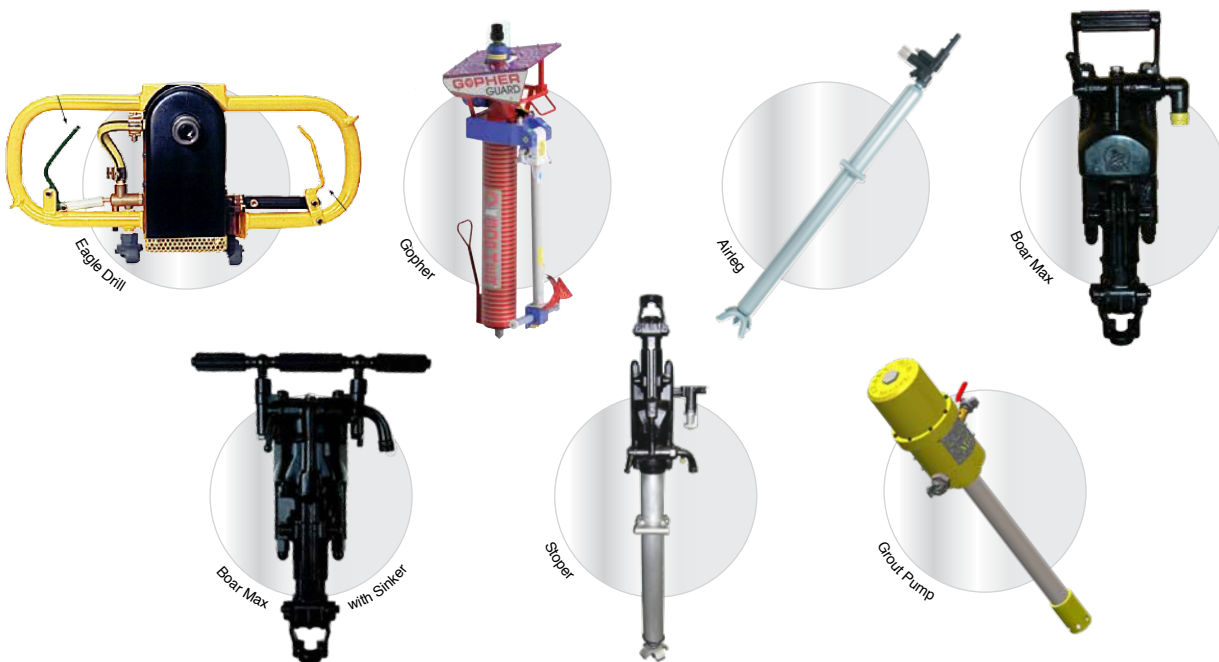
Our team of expert staff are available to go onsite to provide technical advice and customise drilling solutions to meet specific job and site requirements.

PNEUMATIC EQUIPMENT

HIRE & ACCESSORIES

Our range includes Gopher roof bolters, eagle rib drills, mesh munchers, rock drills and airlegs, stopers, chipping hammers and grout pumps and bowls. All pneumatic equipment is for sale or hire for as little as one day, or indefinitely. We offer a full service, maintenance and repair facility.

An extensive range of hoses, valves and fittings compliment our drilling consumables and pneumatic equipment. Items include all hose fittings and camlocks, oil bottles, rockdrill oil, scaling bars, whipchecks and valves for water and grout control.



QUARRY MINING

& CONSTRUCTION EQUIPMENT PTY LTD

New South Wales

9/14 Yangan Drive,
Beresfield NSW 2322

ph: +61 (0)2 4966 5028

fax: +61 (0)2 4910 9022

e: orders@quarrymining.com

Queensland

5/35 Iridium Drive,
Mackay QLD 4740

ph: +61 (0)7 4998 5295

fax: +61 (0)7 4805 6126

e: ordersqld@quarrymining.com

Distribution Warehouse - Sydney

Unit 1, No.1 Bearing Road,
Seven Hills NSW 2147

ph: 0499 707 553

e: tunnels@quarrymining.com

Heat Treatment - Broadmeadow

26-28 Broadmeadow Road,
Broadmeadow NSW 2292

ph: +61 (0)2 4961 3659

e: heattreat@quarrymining.com



QMS Certification Services



QMS Certification Services



QMS Certification Services

CAT-UDC-SR v11 Sep23



EXPERTISE YOU CAN DEPEND ON

WWW.QUARRYMINING.COM