



ABOUT THE COMPANY

Our vision is to be the leading provider of mining services in the region.

Advanz Mining is a networked company in the mining industry, based in South Africa serving the African Continent, with over 80 years of experience in delivering high-quality and cost-effective mining solutions. Our team of experts has extensive knowledge of the latest technologies and techniques, and we are committed to providing our clients with innovative and sustainable solutions. Our Services include:

- Supply of Blasting Products
- Explosives related manufacturing and storage facilities
- Mobile explosives delivery units
- Technical Services
- Training
- On bench blasting services

HSEQ

We strive to achieve to deliver exceptional value to our clients, maintaining the highest standards of safety and being environmentally responsible, by engaging the best talent in the industry.

Safety is our top priority. We are committed to providing a safe and healthy work environment for our employees and contractors. Our safety record is among the best in the industry, and we are constantly striving to improve our safety performance.

Advanz Mining complies to all regulatory and legislative requirements within the countries we operate in.

BBBEE

Advanz Mining is rated as a Level 1 Broad-Based Black Economic Empowerment Company with a 100% Black owned of which 51% Black Woman owned.



EXPLOSIVES FACILITIES

Advanz Mining's experienced in-house Engineering Department can design, and erect facilities that are tailored to your mine/site requirements. These include:

- Bulk Emulsion Depots
- Magazines
- Modular Bulk Emulsion Plants
- Detonator Assembly Plants
- Packaged Explosives Plant
- Emulsion Formulations – Surface & Underground
- Explosives Related parts – pumps, silos, tanks, control systems

Our facilities are engineered to be cost effective, efficient and have a predictable outcome in quality.



MOBILE EMULSION DELIVERY UNITS

The company can offer the following Mobile emulsion delivery units to deliver emulsion on bench or underground.

Mobile Manufacturing Units

Advanz Mining Mobile Manufacturing Straight Emulsion units are designed and manufactured from 14 to 22 tons units. The MMU's have the following specifications:



- Emulsion carrying capacity – 14 to 22 tons.
- Gasser Tank – 240 Liters
- Water Tank – 600 L
- Pumping rates of 100 to 500 kg/min
- Chassis – new units can be specified by the customer / preowned chassis can be supplied.
- The MMU utilises a Danfoss PLC system capable of recording every parameter of the product ensuring the correct product specification DTH. (*Downloadable*)
- The units have worldclass pumps -Orbit cavity pump, Wanner Hydra Cell pumps. These pumps display an accuracy of 0.5 % deviation.
- All product fittings are Stainless Steel
- Hose length of max of 40 m 1.25 to 2 inches



Advanz Mining MMU's can utilise bulk emulsion from the various suppliers, making it a delivery unit that is not restricted to a single supplier which in turn keeps the cost of mining, competitive!

Advanz Mining ANFO units are designed to manufacture 18 tons of ANFO. The MMU's have the following specifications:



- ANFO Manufactured capacity – 18 tons.
- Fuel Tanks – 1000 Liters
- Pumping rates up to 500 kg/min
- PLC controlled mixing and loading
- Loading Auger 6 m with 140° degree operating arm
- New /used Chassis (6x4)

MINI EMULSION UNITS

Advanz Mini-Emulsion Units are used for pre-split, post-split, and secondary blasting applications. These units are highly mobile and cost effective when compared to an MMU when requiring small volumes per blast hole further advantages includes the fact it's able to fit on a small vehicle with a low carrying capacity.

- Pumps are pneumatic or hydraulic driven.
- Gasser Tanks – 10 litres
- Emulsion Tanks 1-2 tons
- PLC or Manual controlled

UNDERGROUND MOBILE CHARGING UNITS

Advanz Mining offers Hydraulic driven UG MCU's with the following specifications:

- 1-to-3.5-ton units.
- Pumping Rates 30-40kg/min
- World Class Pumps
- Max hose length 30 m
- Hydraulic Oil req. 60L/min @160 bar
- Gasser tank - 30 - 90 L
- Water Tank - 30-90 L
- Danfoss PLC
- Record-able Parameters.
- Gassing ratio from 0.4% to 3%
- Multiple Safety and Product trip features






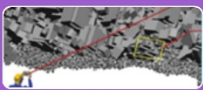


BLASTING PRODUCTS

We offer a full range of blasting products from major manufacturers and suppliers within the region.

ON-BENCH SERVICES

Advanz Mining can offer the following On-Bench Services to make mining easier whilst achieving production targets. We will optimise fragmentation, heave, and cost of explosives by providing an expert team in blast design and blasting. We can offer the following services.

- Drilling (contracted)
- Explosives loading, stemming, tying and shot firing.
- People – Magazines Masters, MMU operators, Assistants, Blast engineers, Supervisors and Shot firers and Maintenance personnel.
- Maintenance of all explosives related equipment and facilities.
- On-Bench Monitoring of personnel loading and tying.
- We offer the following Technical Services

	Blast design <ul style="list-style-type: none">• Blastmap• i-Blast
	Drone Technology <ul style="list-style-type: none">• Video recording• Survey
	VoD <ul style="list-style-type: none">• Speedvod
	Fragmentation <ul style="list-style-type: none">• Wipfrag
	Noise and Ground Vibration <ul style="list-style-type: none">• Nomis• White
	High speed Videography

Training



Advanz Mining can offer certified training programmes in-house in blasting and equipment operations. The programmes include:

- Shot Firing
 - Bench Assistant
 - MMU Operator & Advanced Operator
 - Safe Blasting
 - Awareness and Use of Explosives Training
 - Safety Requirements for the use of Explosives
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