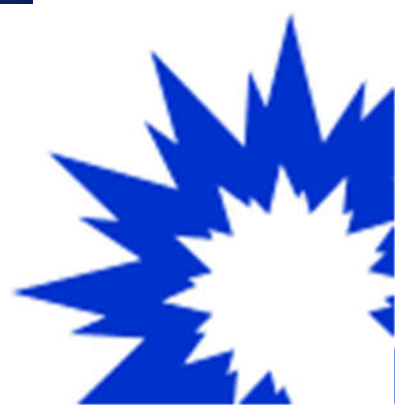




Blasting

Blasting equipment and accessories



MCEP DISTRIBUTION offers you, with its partners in Europe and the United States, a range of mining equipment which includes the following equipment:



Safety:

Portable sound alarm for signaling firing of the blast,
Lightning detectors for safety while loading the blast,



Loading:

Blastholes dewatering pump for preparation of the loading,
ANFO mixers for on-site preparation of the explosive,
Various accessories for loading the blast,
Blasting mats to prevent flyrocks,



Firing and measuring:

Ohmmeter and electric exploders for controlling and firing the blast,
Seismographs for recording vibrations and airwaves.





Whether underground or surface, in a quarry, mine or construction site, our equipment and accessories will allow you to carry out safe and quality blasting, and to control the various parameters. We are at your disposal for any information on the use of these equipment and accessories.

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Portable sound alarm

The most practical and effective sound alarm on the market!

The HORNET sound alarm is undoubtedly the most practical and effective that can be found today.

It works with a rechargeable lithium-ion battery and can be used anywhere in the quarry. The battery supports 500 recharges, with each recharge providing 35 minutes of alarm.

Its powerful signal of 121 dB will allow all people present on the site or nearby to be warned of the imminence of the blast.

The kit includes a HORNET alarm, its charger and its carrying case.



Reliable

Sound power of 121 dB,
Works even in cold weather,
Approximately 2000 one second (35 minute) alarms per charge.

Safe

No frostbite when in contact with a gas leak,
No risk of explosion in hot weather,
Transportable by plane,
Charges in 30 minutes.

Economical

Reusable thousands of times,
Fast return on investment compared to gas horns.

Ecological

No more metal waste,
No more greenhouse gases dispersed in the atmosphere.

Very light (630 g) and compact, it can be used for many other applications: railway work, demolition, fire alarm, navigation, deterrence, etc.



Lightning detectors

Detect storms to avoid accidents!

Regardless of the type of detonators used, and more particularly for electric detonators, the arrival of a storm during charging carries a risk of initiation by lightning and associated stray currents. Detecting the arrival of storms in advance can help avoid serious accidents.

We offer two lightning detectors depending on the level of security you want to implement:

STRIKE ALERT HD

The STRIKE ALERT HD detector has a coverage of 60 km and indicates the proximity of the storm using a system of diodes.

It works with two standard AA batteries, with a battery life of approximately 80 hours.



STORM PRO II

The STORM PRO II detector has a coverage of 120 km and allows you to estimate when the storm will arrive in your area.

It works with a 9 V rechargeable battery, and can be supplied with a reinforced carrying case.



Both models operate with a weak magnetic field, and detection results may be affected by cell phone interference. Move your phones at least one meter away for better detection.

The detectors only detect lightning striking the ground and not aerial lightning between two points in a cloud.



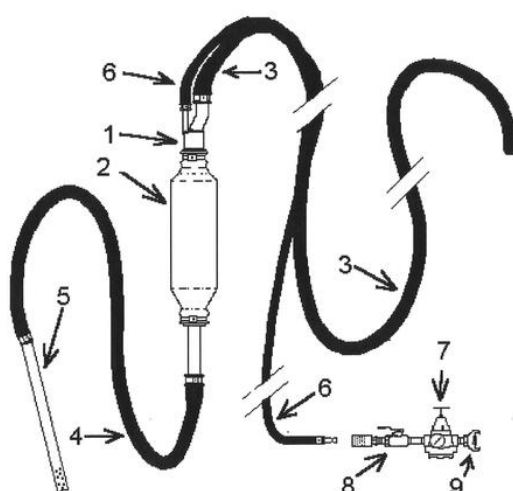
Blasthole dewatering pump

With the dewatering pump, water in the boreholes is no longer a problem!

Water in your blastholes, and you are forced to replace ANFO with packaged explosives: costs increase, with sometimes disappointing blasting results.

The dewatering pump allows you to evacuate the water from your blastholes and use ANFO, or if the water returns too quickly, packaged explosives without risk of load discontinuity.

The dewatering pump can be used in blastholes up to 30 m deep, with a diameter of 64 mm to 172 mm depending on the model, just with a compressor of 600 l/min at 7 bars.



- 1 – Stainless steel pump body
- 2 – Expandable and replaceable rubber sleeve
- 3 – 15 m discharge hose
- 4 – 2.50 m intake hose
- 5 – Stainless steel tube screen
- 6 – 15 m air supply
- 7 – Pressure regulator
- 8 – Operating valve
- 9 – Assorted fittings

The dewatering pump works in all types of rock, provided that the rock is not too fractured. A braided stainless-steel cable makes it easier to remove the device from damaged holes.

The kit comes with a protective tube for the drill head, and three expandable sleeves. The air allows the sleeve to inflate against the walls of the blasthole, then to expel the water present in the blasthole through the evacuation hose.

The sleeves wear out as they are installed, and are also available as spare parts. However, in blastholes without sharp edges, they can hold several hundred holes.

The pump is available in two models, with the following associated sleeves:

Blasthole diameter / Sleeve reference						
	63 mm 76 mm	70 mm 88 mm	88 mm 108 mm	102 mm 121 mm	121 mm 146 mm	140 mm 171 mm
Pump 3/4"	SSLV01	SSLV02	SSLV03			
Pump 1"			MSLV04	MSLV05	MSLV06	MSLV07

Loading accessories

Accessories for blasting experts!

We offer you a range of accessories that will allow you to carry out your blasting operations in the best conditions.:

- ↗ Rigid antistatic stem rods, rope stem and cartridge extractor for placing the explosive,
- ↗ One-conductor and two-conductor electric wire for connecting the electric detonators, firing line for connecting to the exploder, and reels for the electric wire,
- ↗ Liner for protecting the ANFO loaded into the water, funnel for pouring the ANFO,
- ↗ Obturators to protect boreholes,
- ↗ Multimeters for siting boreholes and checking their depth,
- ↗ Crimping pliers, shotfirer's knife.

This list is far from exhaustive, our partner for loading accessories has a catalog of more than 300 items, so do not hesitate to contact us for any specific needs.



ANFO mixers

ANFO mixers adapted to your needs!

Our ANFO mixing units are adapted to the needs of quarries and mines, in a workshop or mobile on the blasting site. These equipment are distributed exclusively for exportation, and provided that our customers have local authorizations for the production of ANFO.



30 SE



50 F



200 F



50 S



200 T



50 W

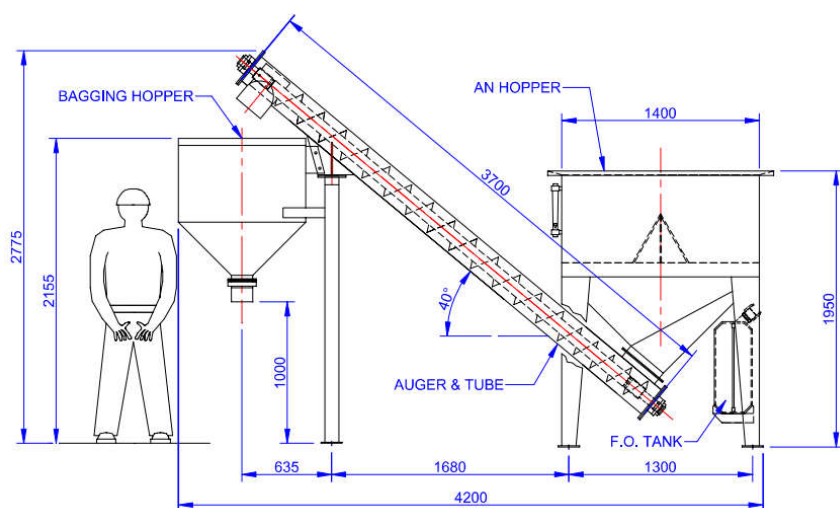


200 W

Our range is available in 4 models:

Model	Frame	Drive	Hopper	Fuel tank	Mixing rate
30	Standard (F)	Electric (E)	50 kg	100 l	30 kg/min
50	Standard (F) Skid (S) Wheel (W)	Electric (E) Pneumatic (A) Hydraulic (H)	50 kg	50 l	50 kg/min
200 F	Standard	Electric (E)	200 kg	150 l	100-200 kg/min
200 W	Wheel	Pneumatic (A) Hydraulic (H)	150 kg	100 l	100-150 kg/min
200 T	Side loading (T)	Hydraulic (H)	250 kg	100 l	100-200 kg/min
MB 120	Mixer and bagging hopper	Electric	1500 kg	220 l	120 kg/min

The 200T side loading model is intended to be assembled on the bed of a truck. For all models, the hopper, the auger and the fuel tank are made of stainless steel.



MB 120



Blasting mats

Essential for blasting in urban sites!

Blasting mats are used to prevent flyrocks during blasting with nearby constructions. We offer three models:

🔧 **MODEL XL**

Mat sewn with 12 mm cables and reinforced with additional cable at the ends. Single 22 mm cable handling loop. Length 2 to 6 m, weight 450 to 1,300 kg.

🔧 **MONSTER**

Same with reinforced handling loop 22 mm double cable. Length 4 to 6 m, up to 10 m on special order.

🔧 **HANDMAT**

For small blasts, manual handling, weight 55 to 95 kg.

Our blasting mats are made with the most wear-resistant parts of recycled truck tires. They are designed specifically for blasting, with no exposed cable ends that could cut wires, tubes or cords on the surface, or injure operators during installation.

All our models are assembled with a patented sewing pattern, allowing increased strength and multiple reuse.





Model XL



Monster



Handmat



Firing equipment

Everything for electric firing!

We offer you a digital ohmmeter and a range of exploders allowing the implementation of small and large shots.

Ohmmeter OD-3

The OD-3 ohmmeter is intended for measuring the electrical resistance of firing circuits. It starts automatically as soon as a firing line is connected to it. Its LCD screen indicates the resistance and status of the batteries (3 AAA batteries).

It allows measurement from 0 to 2000 Ω , with an accuracy of 0.2 Ω up to 1000 Ω and 1 Ω beyond. It complies with European directive EN-13763-26 and is supplied with its protective cover.



Exploder AI-1200

The AI-1200 exploder is activated by a charge button and a fire button. It is suitable for firing low and medium intensity detonators (for circuits with maximum resistance of 853 Ω and 398 Ω respectively).

Weighing 2 kg, this exploder has a capacity of 110 μF and a voltage of 1200 V.



Exploders AI-2600

The AI-2600 range of exploders have a capacity of 70 μF , 140 μF or 210 μF depending on the model, for a voltage of 2600 V. These exploders are suitable for any type of detonator, with a maximum circuit resistance of 1800 Ω with low intensity dets and 70 Ω with high intensity dets for the largest model.

Weighing 6.4 kg to 8 kg, these robust devices comply with European standard EN-13763-26.



Model	Voltage	Capacity	Weight	Max resistance with detonators		
				A	U	HU
AI-1200	1200 V	110 μF	2,0 kg	853 Ω	358 Ω	22 Ω
AI-2600/70	2600 V	70 μF	6,4 kg	1800 Ω	800 Ω	45 Ω
AI-2600/140	2600 V	140 μF	7,2 kg	1800 Ω	825 Ω	60 Ω
AI-2600/210	2600 V	210 μF	8,0 kg	1800 Ω	850 Ω	70 Ω

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