

CROCODILE CRACKER

Introduction:

The Crocodile Cracker is a new technology used to break rock, without the inconveniences of conventional explosives, like throws, fly rock, smoke or high level of noise. This represents a revolution in the security because it allows rock breaking reducing to minimum the normally inherent risks to the traditional methods.

It's an explosive that doesn't explode, Breaks.



Safety:

This system is environmental friendly; because it minimizes the production of noxious fumes. As all the cartridge is inert until being introduced in the hole, it makes that system to be much safer to use.

Its initiation can be executed by electric match, or choc tube (non sensitive to electrical current discharges, much safer).

Simply & Efficient:

To use the Crocodile Cracker it is only necessary to make the following one:

1. Drill the hole,
2. Insert the cartridge of Crocodile Cracker,
3. Stem the hole,
4. Initiate the cartridge,



Advantages Of Crocodile Cracker:

- Low level of energy used,
- Minimal fly rock,
- Controlled perimeter breakage,
- Easy to carry and to store,
- Little Noise level,
- Very low Level of vibrations,
- Reduced dust emission,
- Very low production of noxious fumes,
- Drilling can be made of any angle,
- Can be used on large block of rock or in the proximity of sensible structures without any damage,
- It can be use underwater,
- Initiation electric or Non electric (Nonel),
- Very efficient Technology for rock breaking,
- Controlled breaking rock at economic cost.



Crocodile Cracker And Vibrations:

The technology Crocodile Cracker produces a great reduction of the induced levels of vibration in the ground with traditional explosives.

If we take them as reference for the same distances the seismic speeds of the Crocodile Cracker are about 15 times inferior that conventional explosive, to about 20 times when compared with the 50g cartridges.

At distances above the 5 meters the produced vibration became almost null, being inferior to 1 mm/s.

