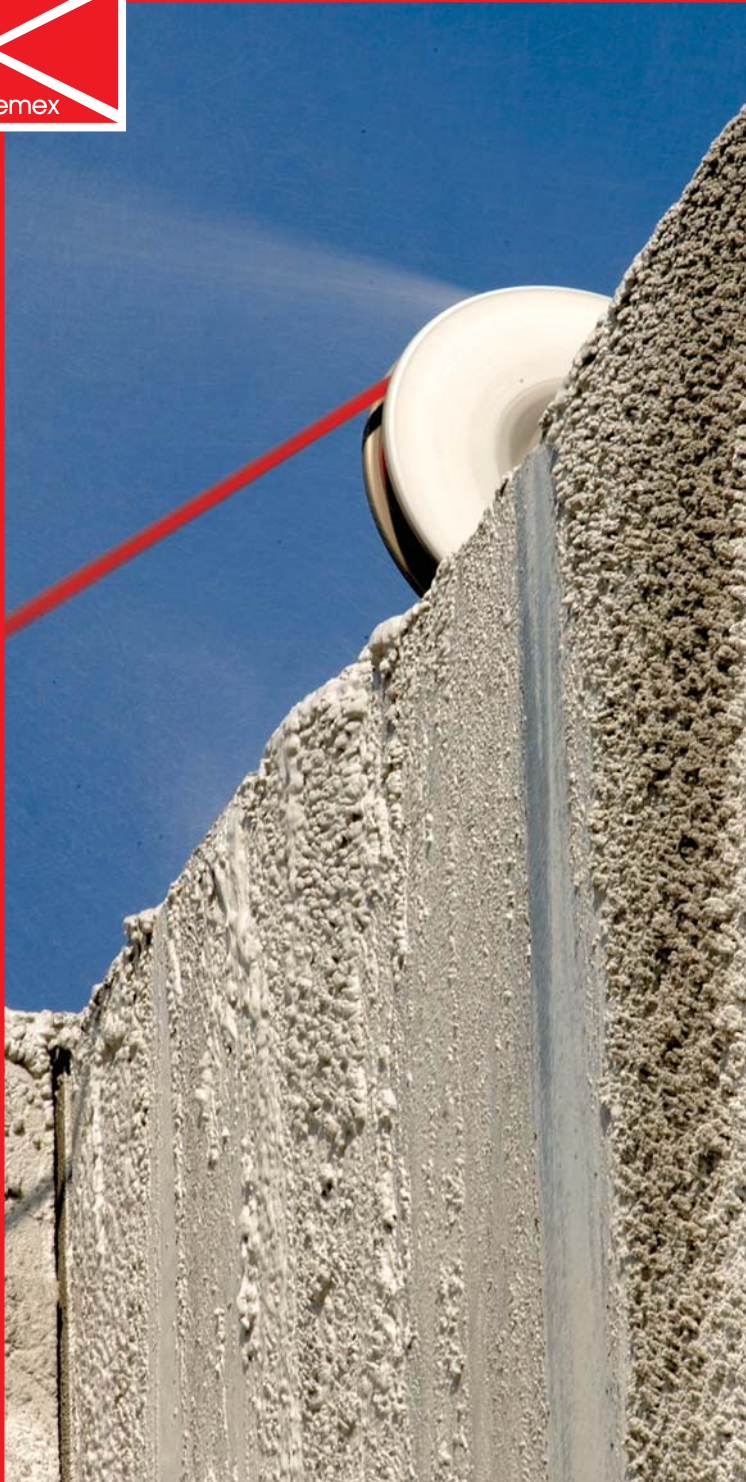


kemex

products



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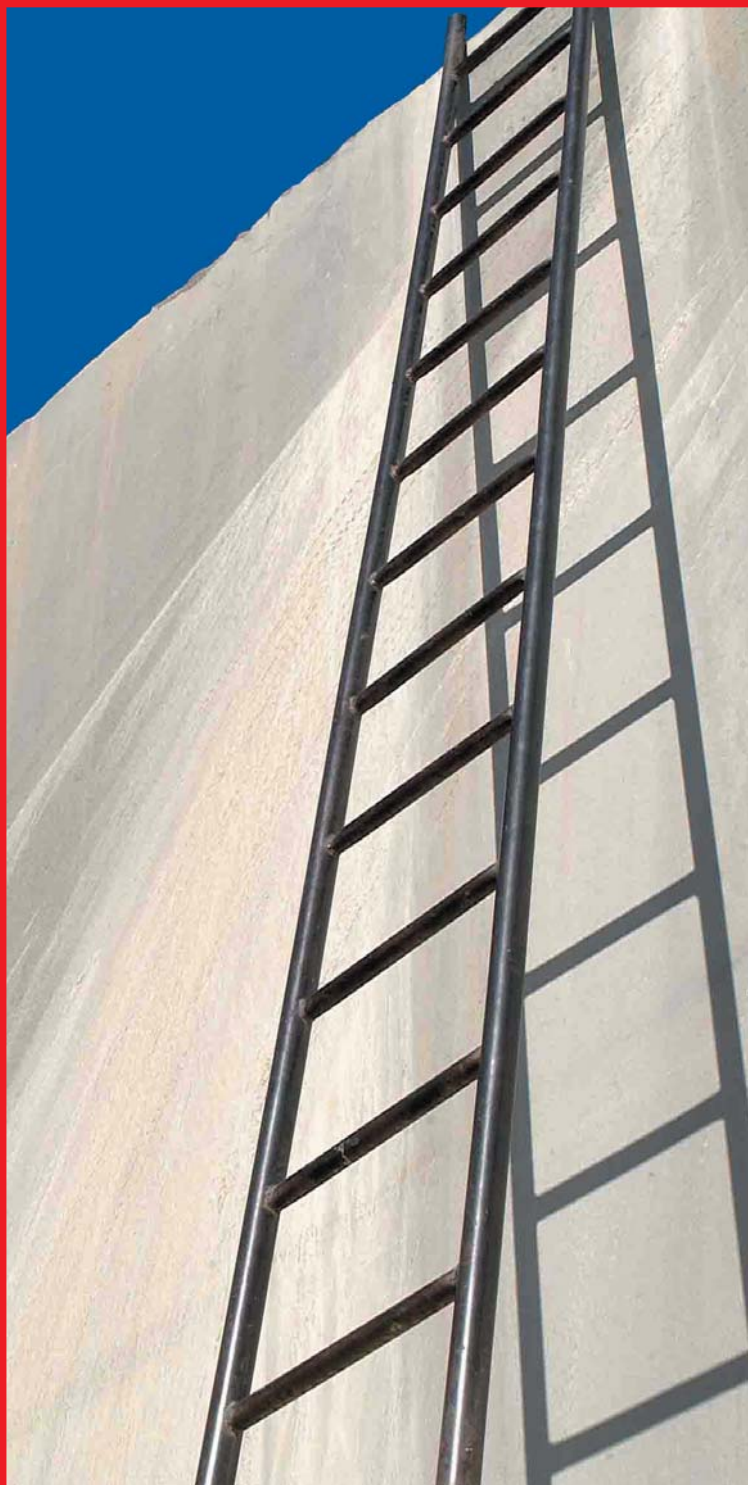
Kemex Group

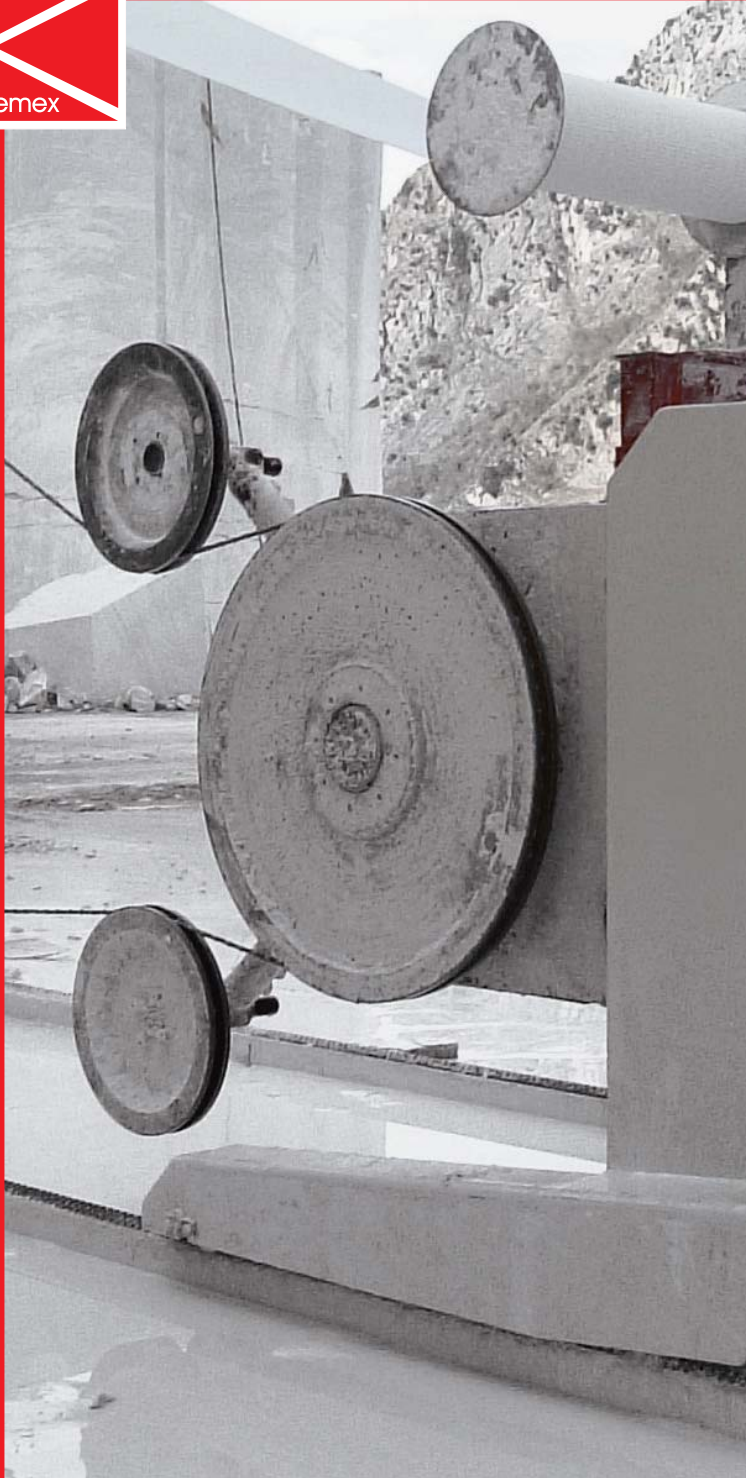
Kemex Group is a private group of companies with a global presence and professional management team. An executive board of members manages the Group with a strong management team at operational level in its four business units operating in South Africa, Brazil, USA and China.

Kemex is committed to growing its business through effective and responsible corporate practices. With a strong focus on its operational divisions, Kemex prides itself in providing quality products supported by service excellence through professional and experienced staff.

Kemex specializes in supplying machinery, equipment and consumables for the cutting, drilling and processing sectors of the following industries:

- Mining (mineral ores)
- Dimension Stone Quarrying (granite, marble, sandstone)
- Construction (cement and concrete)





KMX Diamond Wire Machines

KMX Diamond Wire Machines are suitable for use in any of the following quarries:

- Granite
- Marble
- Limestone
- Sandstone
- Basalt
- Slate
- Travertine

KMX Diamond Wire Machines can execute vertical cuts, horizontal cuts, up cuts and plunge (blind) cuts and are available in the following models:

- 37kw to 55kw power
- Fixed or variable speed
- 360° head rotation



KMX HB Diamond Wire

KMX HB Diamond Wire is a continuous strand of plasticized, rubberized or spring mounted steel wire fitted with diamond impregnated beads that can perform both vertical and horizontal cuts in dimension stone quarries, cutting plants with stationary and multi-wire machines and in demolition works.

KMX HB Diamond Wire can be used in both **WET** and **DRY** applications for the following materials:

- Granite
- Marble
- Sandstone
- Slate
- Onyx
- Concrete
- Reinforced concrete

KMX HB Diamond Wire is available in the following sizes:

- 11.5mm / 11mm / 10.5mm / 10mm
- 8.3mm / 7.3mm / 6.3mm





KMX Manual Rock Drillers

Kemex offers a wide range of manual rock drillers namely:

- **KMX Y20 and KMX Y24 Blower Rock Drillers** with automatic lubrication systems for the high speed manual dry drilling of medium to hard rock in small open pit quarries, mines, road building works and trenching
- **KMX YH24 Blower Rock Driller** with all the features of the **KMX Y24** but for use in wet drilling operations
- **KMX YT24 and KMX YT28 Air Leg Rock Drillers** with powerful torque, strong flushing, high efficiency rate and energy saving capabilities suitable for medium to hard rock drilling with leg support
- **KMX Y6** which is lightweight and suitable for the drilling of small diameter holes



KMX Pneumatic Driller Machine

KMX Pneumatic Driller Machine is suitable for any type of drilling operation in quarries, particularly for converging holes for diamond wire cutting. It can reach between 30/40 metres drilling depth at a high drilling speed and offers the same power and performance as a DTH Hammer.

KMX Pneumatic Driller Machine offers the following drilling options for any rock type:

- Vertical
- Horizontal
- Inclined





KMX Generators

Kemex offers a comprehensive range of generating sets for application in the mining and construction industries. All **KMX Generators** comply with EC safety and environment regulations and are available in various specification options:

- 1 kVA to 2000 kVA three-phase or single phase power
- Petrol or diesel engine
- Variety of enclosures from sound-attenuated to super silenced models
- Specially designed alternators for specific applications
- Manual or automatic start operation from 5 kVA to 2000 kVA





KMX Compressors

Kemex offers the full range of compressors from:

- Atlas Copco
- Ingersoll Rand

These compressors can be used for any type of application in the quarry and mining industries with **Kemex** offering genuine spare parts and service/maintenance plans for these machines.





KMX Drill Bits

Kemex offers a wide range of drill bits namely:

- Taper Button Drill Bits
- Thread Button Drill Bits
- DTH Bits
- ATX Crowns

KMX Taper Button Bits and Thread Button Drill Bits are available in the following sizes:

- 4 / 5 / 7 / 8 / 9 / 12 button bits
- 7° / 11° / 12° angle
- Conventional / Full spiral / Full body flushing
- 32mm / 34mm / 36mm / 41mm / 43mm
45mm / 48mm / 51mm / 54mm / 64mm
76mm / 89mm / 102mm /
115mm diameter
- R25 / R32 / T38 / T45 / T51 thread



KMX Drill Steel Rods

KMX Drill Steel Rods are hexagonal, tapered drill rods suitable for drilling operations in the quarry and mining industries in conjunction with taper drill bits.

KMX Drill Steel Rods are made of high quality heat-treated steel available in the following types:

- Rubber collar
- Forged collar

Both types are available in the following sizes and taper angles:

- 7° / 9° / 11° / 12° angle
- 22mm Hex / 25mm Hex diameter
- 108mm / 159mm shank
- 600mm to 10 000mm length





KMX Earthmoving & Mining Spares

Kemex offers a wide range of genuine spare parts for the following earthmoving and mining machines:

- Caterpillar
- Cummins
- JCB
- Volvo
- Hitachi
- Terex



KMX OTR Tyres

Kemex have a large range of **OTR tyres** in a variety of models and sizes suitable for any type of loader, dumper or truck operating in the quarry and mining industries.

Kemex offers both **cross-ply** and **radial** tyres in the following models:

- E3/L3
- E4
- L5
- L55 (slick)

All models are available in a variety of sizes including:

- 23.5 - 25
- 29.5 - 25
- 29.5 - 29
- 35/65 - 33
- 45/65 - 45

to name but a few.





Kemex® Expansive Cracking Agent

Kemex® Expansive Cracking Agent is a highly expansive agent suitable for the fracturing, cutting and demolishing of:

- Rock
- Cement
- Concrete

Kemex® Expansive Cracking Agent is a powder that like cement is mixed with water and poured into pre-drilled holes, swelling and exerting pressure on the walls thereby breaking it apart.

It is:

- Non-explosive (no blasting licences, trained personnel or specialised transportation required)
- Non-toxic (no harmful fumes or substances released)
- Environmentally friendly
- Easy to store in a cool, dry place (no special precautions required)



KMX Air Cushions

KMX Air Cushions are air inflated rubber cushions, designed specifically for splitting and overturning benches in all dimension stone quarries, spreading apart tons of granite, marble or any other type of stone.

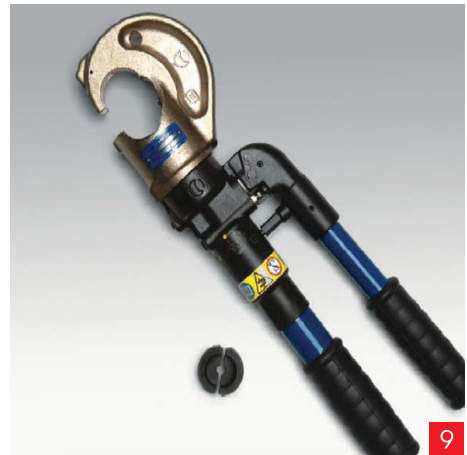
The advantages of the **KMX Air Cushion** are as follows:

- It uses the normal compressed air available in quarries (4/6 bar)
- It is not disposable and can be re-used for hundreds of operations
- It can be repaired in the event of breakage
- It is available in different sizes specific to the quarry application

The following size **KMX Air Cushions** are available:

- **EV 10S** (1400x800mm) for the initial spreading of the bench up to 10-15 cm
- **EV 36S** (2000x1600mm) for widening the initial opening of small size benches by up to 0.5m
- **EV 54S** (2800x1600mm) for widening the initial opening of big size benches by up to 0.5m and for overturning benches with a maximum width of up to 2m
- **EV 62S** (3200x1600mm) for widening the initial opening of any size bench by up to 0.5m and for overturning benches with a maximum width of up to 3m







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KMX Mining Accessories

Kemex offers the following mining accessories:

- 1 Copper and steel joints for diamond wire
- 2 Screw-on joints for diamond wire
- 3 Hand presses for diamond wire joints
- 4 Aluminium flywheels for diamond wire machines
- 5 Polyurethane/rubber for diamond wire machine flywheels
- 6 Shears for cutting diamond wire
- 7 Hydraulic desk for the assembly of wires
- 8 Hydraulic press with 10 ton power
- 9 Hydraulic press with 13 ton power
- 10 Hydraulic press/shear with 5 ton power
- 11 Hydraulic press/shear with 6 ton power
- 12 Splitting wedges for cutting blocks
- 13 Hydro bags for opening granite and marble benches
- 14 Hydro bag pumps
- 15 Knock-off tools for drill bits



KMX Cover

KMX Cover (black granite make-up) is a well-researched product formulated to maximize the darkness of black granite slabs. The particular chemical and physical structure of **KMX Cover** ensures that the active ingredients penetrate millimetres into the granite without leaving any superficial film on the surface.

After treatment with **KMX Cover** granites with non-homogeneous, pale tones or those with a grey colour, appear darker with a more uniform colour and no stains or imperfections. Unlike similar types of treatments, **KMX Cover** has the advantage in that it can be applied to:

- Polished material
- Honed material
- Flamed material



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