



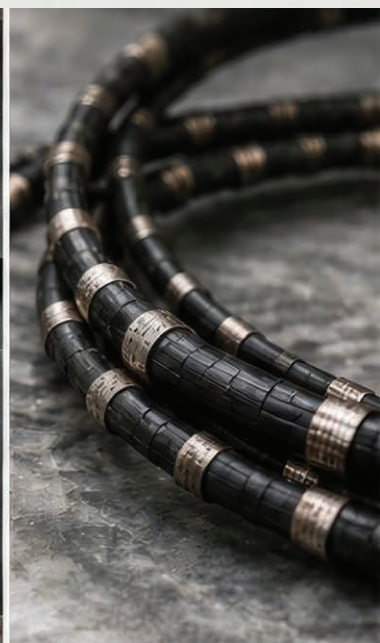
**DIAMOND
SERVICE®** s.r.l.

OUR TOOLS

DIAMOND TOOLS
FOR STONE INDUSTRY

INNOVATION
PERFORMANCE
RELIABILITY

SINCE 1973



YOUR PARTNER
IN STONE CUTTING

WHY DIAMOND SERVICE?

**More than diamond tools.
We improve your production.**

For over 50 years we have been helping quarries and sawmills all over the world to increase productivity, reduce costs and process even the most challenging materials.

We don't just supply tools. We analyze your cutting and polishing process, optimize machine parameters and develop specific solutions for every application.



50+

YEARS OF EXPERIENCE

40+

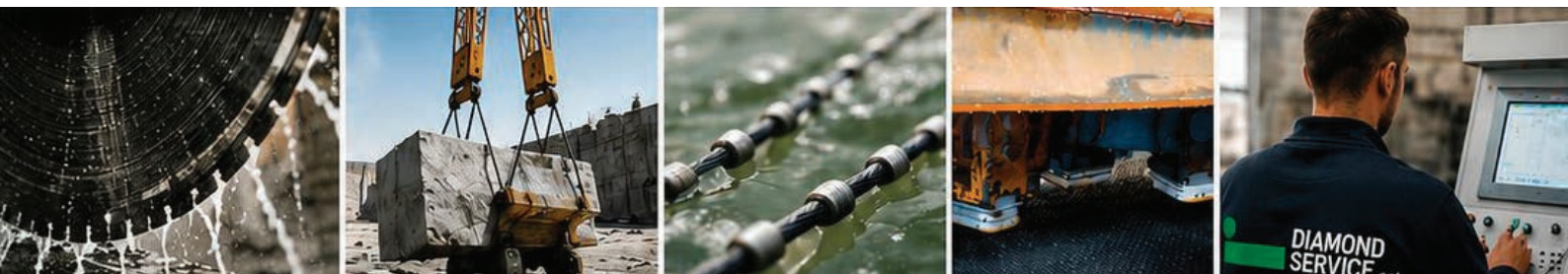
COUNTRIES SUPPLIED

1973

FAMILY OWNED SINCE THE
BEGINNING

THOUSANDS

OF BLOCKS CUT EVERY
YEAR USING OUR TOOLS



EVERY BLOCK IS DIFFERENT.
EVERY CUSTOMER IS DIFFERENT.
EVERY SOLUTION IS DIFFERENT.

THE STONE JOURNEY

From the quarry to the final application.
Our solutions accompany every step of the stone processing chain.

01 YOUR PARTNER IN QUARRY

FROM PAG. 04 TO PAG. 07

Efficient extraction with diamond wire technology.



02 YOUR PARTNER IN BLOCK CUTTING

FROM PAG. 08 TO PAG. 17

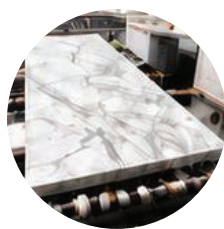
Precision and yield optimization for every type of stone.



03 YOUR PARTNER IN SLAB PROCESSING

FROM PAG. 18 TO PAG. 22

Advanced tools for calibrating, polishing and finishing.



04 YOUR PARTNER IN FABRICATION

FROM PAG. 23 TO PAG. 27

Reliable solutions for perfect results in every detail.



Diamond Service provides innovative, reliable and high-performance solutions to maximize productivity, yield and quality at every stage.

ONE PARTNER.
ALL THE SOLUTIONS YOU NEED.





**DIAMOND
SERVICE®** s.r.l.

01

YOUR PARTNER IN QUARRY

PRECISION.
PERFORMANCE.
RELIABILITY.

FROM THE MOUNTAIN TO THE MARKET

Every quarry has different challenges.

From the first vertical cut to the final block squaring, every operation affects productivity, recovery and profitability.

Diamond Service develops dedicated solutions for every stage of the extraction process.

IN THIS SOLUTION BOOK

01



DIAMOND WIRE FOR BENCH CUTTING

High-performance diamond wire for primary extraction.

02



DIAMOND WIRE FOR SQUARING

Precision solutions for block squaring and yard operations.

**ONE PARTNER.
COMPLETE QUARRY SOLUTIONS.**





**DIAMOND
SERVICE®** s.r.l.

DIAMOND WIRE FOR BENCH CUTTING

Engineered for primary extraction. Our diamond wire solutions are built to deliver maximum productivity, stability and long service life in every quarry condition.

EVERY QUARRY
IS DIFFERENT.
YOUR WIRE
SHOULD BE TOO.

YOUR PARTNER
IN QUARRY

01

AVAILABLE ASSEMBLIES



TRADITIONAL

The proven solution for every quarry.



PLASTIC SPRING

Lightweight and corrosion resistant.



RESIN SPRING

High stability and long life.



RUBBER SPRING

Maximum flexibility and vibration absorption.

AVAILABLE BEADS



SINTERED

The standard solution for maximum productivity and long service life.



ELECTROPLATED

Ideal for soft and abrasive materials.



VACUUM BRAZED

Designed for specific applications requiring aggressive cutting.

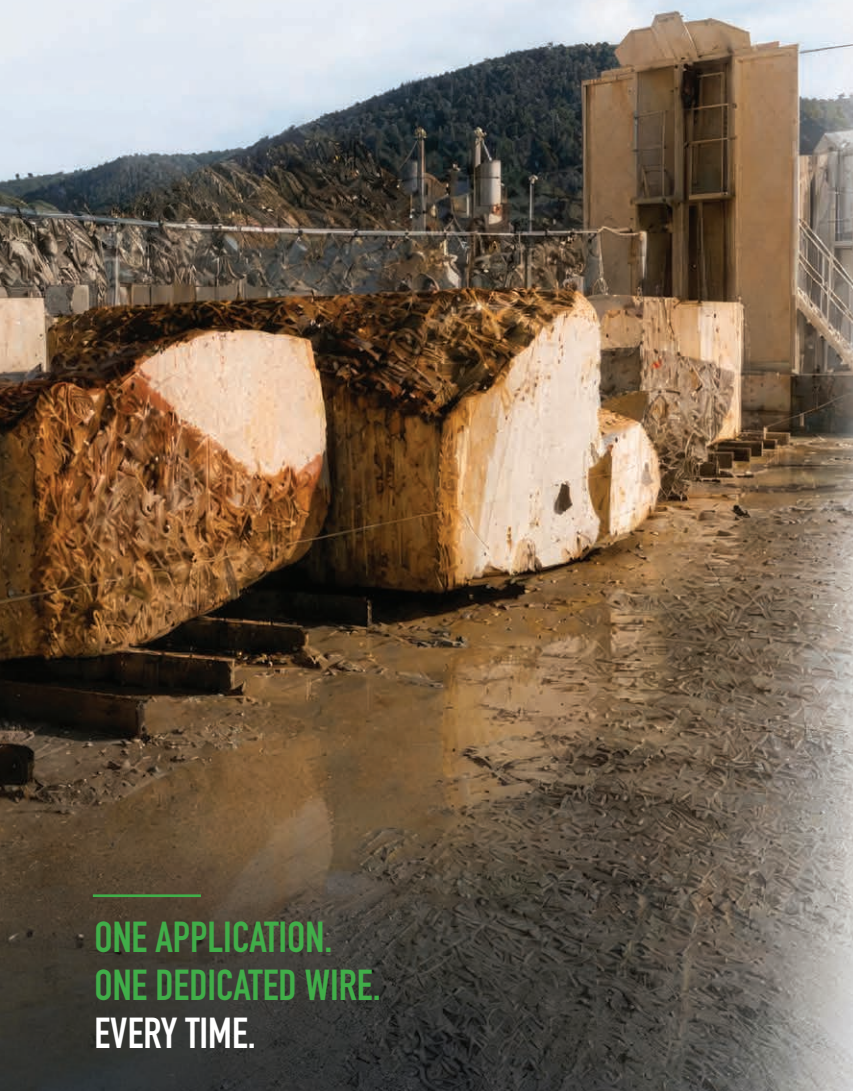


**DIAMOND
SERVICE®** s.r.l.

DIAMOND WIRE FOR SQUARING

**Every quarry has its own method.
Diamond Service has the right wire.**

From traditional choking wire to advanced squaring lines and dedicated machines, we provide high-performance wire solutions for every application and working condition.



**ONE APPLICATION.
ONE DEDICATED WIRE.
EVERY TIME.**

YOUR PARTNER
IN QUARRY

01

AVAILABLE APPLICATIONS



01

CHOKING WIRE

The traditional solution for block squaring with maximum reliability.



02

FRAVIZEL MACHINES

Dedicated diamond wins solutions for Fravizel squaring machines.



03

LÍNEA DE CORTE

Optimized for continuous production systems and high squaring precision.



04

OTHER POSSIBILITIES

Solutions for single arm machines and custom applications developed for specific needs.

**DIFFERENT METHODS.
ONE GOAL: MAXIMUM YIELD, QUALITY
AND PROFITABILITY**



**DIAMOND
SERVICE®** s.r.l.

02

YOUR PARTNER IN BLOCK CUTTING

**MAXIMUM VALUE
FROM EVERY BLOCK.**

EVERY BLOCK HAS A DIFFERENT VALUE

Some are rare.
Some are fragile.
Some are extremely difficult to cut.

But they all have one thing in common:
Every unnecessary millimeter is lost
value.

For over 50 years, Diamond Service has developed cutting
solutions to help stone processors recover more slabs,
improve quality and increase productivity.
Because every block deserves its maximum value.



THREE TECHNOLOGIES. ONE GOAL.

DIAMOND BLADES



DIAMOND WIRE



BLOCK CUTTING DISCS

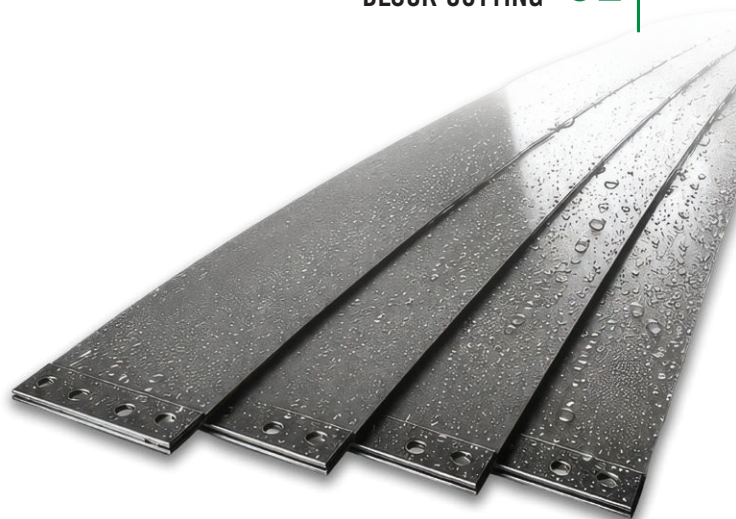


GANGSAW BLADE

The right blade for every material.

Every material is different, every cut is a challenge.
We design the blade that delivers the perfect balance of
cutting speed, precision and long service life.

WE HAVE THE SOLUTION TO YOUR NEEDS.



Every block is different. Every material has its own challenges.
We configure the right gangsaw blade to maximize production, quality and yield.



KEEP YOUR MATERIAL PERFECTLY CLEAN

Stainless steel blades

For marbles, limestones and every material where rust stains are simply not acceptable.



CUT DIFFICULT BLOCKS WITH CONFIDENCE

Trapezoidal segments

Designed for broken, fractured and heterogeneous blocks, providing higher strength and better protection where standard segments reach their limits.



GET MORE FROM EVERY BLOCK

Thin steel blades

Reduce steel thickness and increase stone recovery on premium materials without compromising cutting accuracy.



YOUR BLADE. YOUR MATERIAL. YOUR TARGET.

Every gangsaw is different.
Every production line has different priorities.
Our technical team selects steel body, segment geometry, diamond specification and every other detail to configure the blade that delivers the best performance for your specific application.

CUSTOM ENGINEERED. PROVEN IN PRODUCTION.



**DIAMOND
SERVICE®** s.r.l.

YOUR PARTNER IN
BLOCK CUTTING

02

DIAMOND MULTIWIRE

**Built for productivity.
Engineered for reliability.**

Diamond Service offers a complete range of diamond wires for marble, granite and quartzite.

Every solution is developed to maximize productivity, ensure consistent cutting quality and reduce production costs.



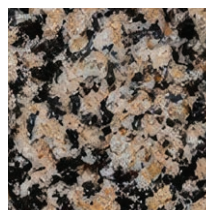
AVAILABLE RANGE

MARBLE



Ø 2.8 mm
Ø 4.3 mm
Ø 5.3 mm
Ø 6.3 mm
Ø 7.3 mm

GRANITE & QUARTZITE



Ø 4.3 mm
Ø 5.3 mm
Ø 6.3 mm
Ø 7.3 mm

HIGH DURATION TECHNOLOGY

NEW

New 5.3 mm and 6.3 mm **marble wires** featuring a **reinforced steel cable** and our new High Duration plastic coating.

600+ HOURS WITHOUT REPLASTICIZATION

Designed to complete the entire service life **without intermediate replasticization**, reducing downtime, maintenance costs and production interruptions.



WIRE CUTTING. BLADE FINISH.

Experience the surface quality of a gangsaw blade while maintaining all the advantages of diamond wire.

CUT MORE. STOP LESS. FINISH BETTER.



**DIAMOND
SERVICE® s.r.l.**

SPECIALIZED SOLUTIONS FOR EVERY CUT.

Advanced technologies for squaring,
slabbing and thickening blocks.
Precision, efficiency and maximum yield.

DIAMOND BLADES FOR SINGLE-BLADE MACHINES

Ideal for both thickening and
squaring the block.

DIAMOND WIRE FOR SINGLE-WIRE MACHINES

Fast, reliable for all materials.

BLACK THUNDER DIAMOND WIRE

BUILT TO DOMINATE.



ULTRA RESISTANT RESIN MOUNTING

For maximum bonding strength and long life.

CONICAL ELECTROPLATED BEADS

Coarse grit for aggressive materials and faster
cutting.

DOUBLE DOWNFEED SPEED

Up to 2x faster cutting speed with consistent
stability.

AVAILABLE DIAMETERS

Ø 9.0 mm

Ø 10.5 mm

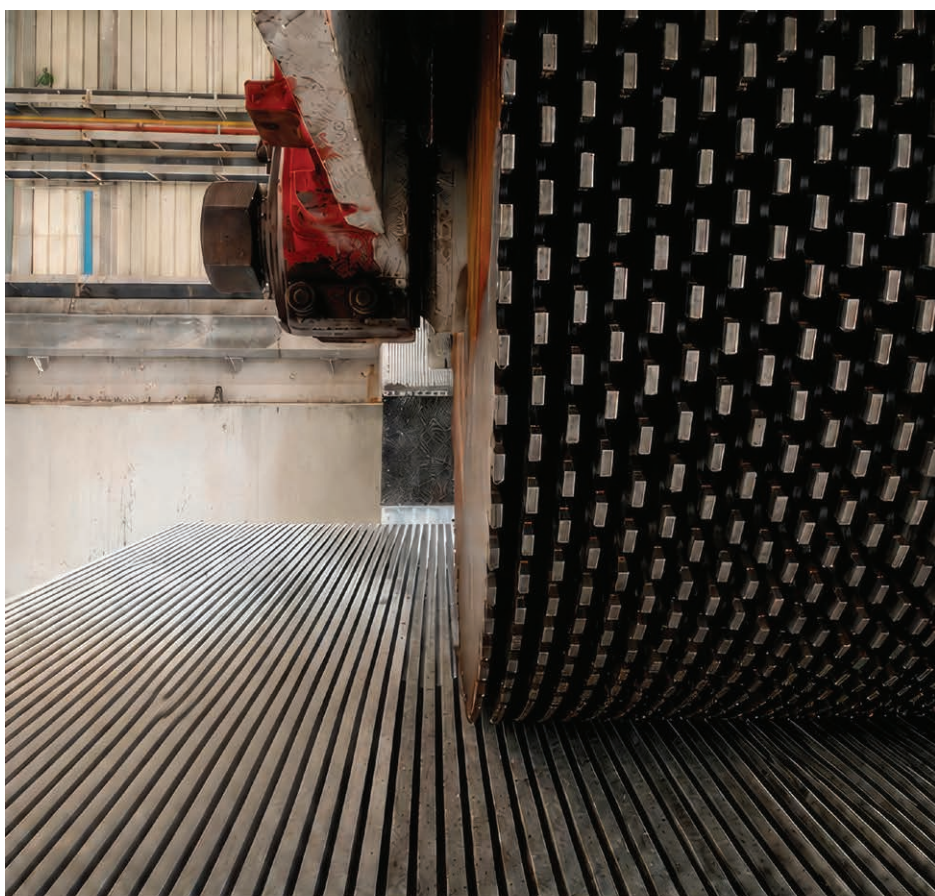
BLOCK CUTTING DISCS MULTI-DISC

For:

- Marble
- Granite
- Sandstone

AVAILABLE DIAMETERS

from Ø 800 mm to Ø 1700 mm



GIANT DIAMOND DISCS

For:

- Marble
- Granite
- Sandstone

AVAILABLE DIAMETERS

from Ø 2200 mm to Ø 3500 mm





**DIAMOND
SERVICE®** s.r.l.

YOUR PARTNER IN
BLOCK CUTTING

02

1 mm STAINLESS STEEL GANGSAW BLADE

For Marble

More square meters from every block.



UP TO 15% MORE SLABS
FROM THE SAME BLOCK



NO RUST STAINS



LOWER SLURRY PRODUCTION



SAME DIAMOND SERVICE
CUTTING QUALITY

MORE FROM

Two innovations. One objective:



**DIAMOND
SERVICE**® s.r.l.

YOUR PARTNER IN
BLOCK CUTTING

02

2.8 mm MULTIWIRE TECHNOLOGY

For Marble

More square meters from every block.

MAXIMUM BLOCK YIELD



MORE SLABS
WITH EVERY CUT



DESIGNED FOR PREMIUM
MARBLE



HIGH DURATION
TECHNOLOGY



EVERY BLOCK

maximize the yield of every marble block.



**DIAMOND
SERVICE®** s.r.l.

03

YOUR PARTNER IN SLAB PROCESSING

SURFACE FINISHING SOLUTIONS

PRECISION TOOLS. PERFECT SURFACES.

PERFECT SURFACES START HERE

The quality of a finished slab depends on the perfect combination of tools, experience and technology.

Diamond Service develops dedicated polishing solutions for every type of natural stone.

IN THIS SOLUTION BOOK



GRANITE PROCESSING



QUARTZITE PROCESSING



MARBLE PROCESSING

GRANITE PROCESSING



Reliable solutions for every polishing line.

Granite polishing requires tools that ensure consistency, productivity and long service life at every stage of the process.

Diamond Service offers a complete range of diamond tools designed to meet the demands of any polishing line.



DIAMOND SATELLITES

Complete range for automatic polishing lines, available in all grit sizes.



TANGENTIAL SECTORS

High-performance tangential sectors designed for consistent cutting action, long service life and uniform surface quality.



**COMPLETE
GRIT RANGE**



**CONSISTENT
PERFORMANCE**



**LONG
SERVICE LIFE**

QUARTZITE PROCESSING

**No dressing.
More production.**

Quartzites are among the most challenging materials to polish. Traditional tools lose cutting ability quickly and require frequent dressing with abrasive.

Diamond Service changes the game.

Our advanced technology delivers higher line speed, consistent performance and exceptional finishes without the need for dressing.



TANGENTIAL SECTORS (FICKERT)

High-performance fickert for quartzite processing.

High speed, no dressing and excellent durability for superior results.



TAJ MAHAL QUARTZITE

Extreme beauty.
Extreme performance.



DIAMOND SATELLITES

Engineered for maximum efficiency and stability on quartzite slabs. Available in all grit sizes for a complete polishing sequence.



NO DRESSING

No abrasive material required.



HIGHER LINE SPEED

Increase production capacity.



CONSISTENT FINISH

Stable performance from start to finish.



LONGER TOOL LIFE

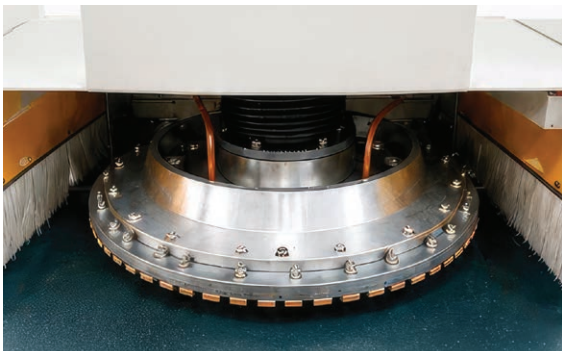
Designed for the most demanding quartzites.

MARBLE PROCESSING

Precision tools for perfect marble surfaces.

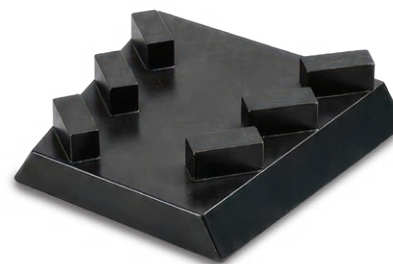
Marble demands precision, control and the right technology at every stage of the polishing process.

Diamond Service provides a complete range of tools designed to ensure flatness, uniformity and exceptional surface quality.



CALIBRATING PLATES

Engineered to deliver perfect flatness and thickness uniformity. Ideal for preparing the slab and ensuring the best results in the polishing process.



FRANKFURT

High-performance Frankfurt tools for efficient stock removal and consistent surface preparation across all types of marble.



FLATNESS AND UNIFORMITY

Calibrating solutions for consistent results across every slab.



EFFICIENT SURFACE PREPARATION

Frankfurt tools designed for excellent material removal and surface control.



SUPERIOR FINISH

The foundation for a brilliant, long-lasting polished marble surface.

04

YOUR PARTNER IN FABRICATION

PRECISION.
PERFORMANCE.
PERFECTION.

PRECISION STARTS HERE

Every fabrication process requires dedicated tooling.

Diamond Service offers complete solutions for cutting, machining and finishing natural stone and engineered materials.

IN THIS SOLUTION BOOK



01

SAW BLADES

Bridge saw blades for marble, granite, quartzite and engineered stone.



02

QUARTZITE & DEKTON TECHNOLOGY

High-performance solutions developed for the most demanding materials.



03

OTHER FABRICATION TOOLS

A complete range of tooling for drilling, profiling, CNC machining and edge finishing.



01

BRIDGE SAW BLADES

Built for every material.

Every stone behaves differently during cutting. Marble requires clean edges. Granite demands durability. Quartzite challenges cutting speed. Porcelain and engineered stone require precision.

Diamond Service develops dedicated **bridge saw blades** for every application, combining cutting quality, productivity and long service life.



MARBLE

GRANITE

QUARTZITE

ENGINEERED STONE

One blade doesn't fit every material. That's why we build one for each.

02

QUARTZITE & ENGINEERED STONE

**When others slow down,
we keep cutting.**

Quartzite and engineered stone are among the most demanding materials in modern stone fabrication. Their high abrasiveness requires tools capable of maintaining cutting speed, precision and long service life throughout the entire production cycle.

Diamond Service has developed **dedicated bridge saw blades specifically engineered** to meet these challenges.

HIGH CUTTING SPEED

Maintains productivity even on highly abrasive materials.

CLEAN CUT

Excellent edge quality with reduced chipping.

LONG SERVICE LIFE

Optimized bond and diamond concentration for extended blade life.

DEDICATED SOLUTIONS

Specific blade designs for quartzite and engineered stone.

Built for the materials that challenge every other blade.



03

OTHER FABRICATION TOOLS

Complete solutions for every operation.

From drilling to profiling, from CNC machining to edge finishing, Diamond Service offers a complete range of premium diamond tools engineered to deliver precision, reliability and long service life on every material.

Every tool is designed to maximize productivity, improve surface quality and ensure consistent performance throughout the entire machining process.



YOUR PARTNER
IN FABRICATION

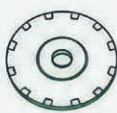
04



**DIAMOND
CORE DRILLS**




**CNC
TOOLS**

**DIAMOND
GRINDING WHEELS**




**PROFILE
WHEELS**



ONE WORKSHOP. ONE PARTNER. EVERY OPERATION.



YOUR PARTNER IN STONE CUTTING



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SINCE 1973

