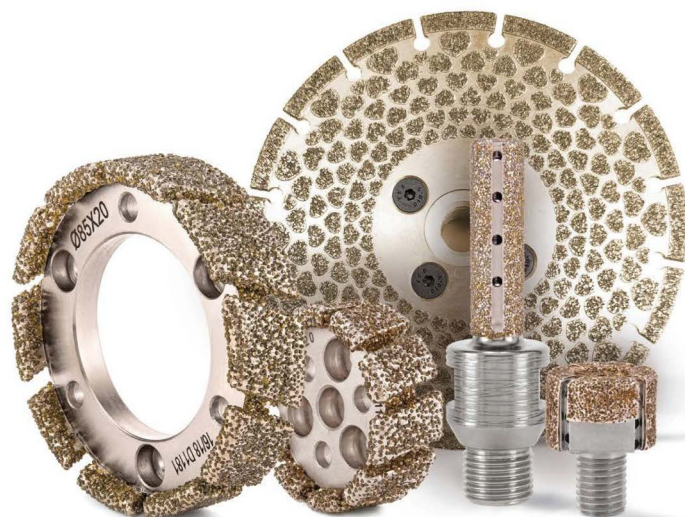




DIAMOND TOOLS

PASSION FOR DIAMOND



www.diamar.it

CONTENTS



About us	06
Strengths	09
Services	11
Products	17
Contact	26



DIAMAR
DIAMOND TOOLS





Diamar was founded in the 1990s, at a time when the marble-processing industry was changing rapidly.

The company took its first steps producing diamond wire, a tool that demands an in-depth knowledge of materials and a very delicate balance of technical skill, experience and craftsmanship. At a time when simply “making” was not enough, it was essential to “understand” how every detail could affect cutting performance, yield and consistency.

Diamar’s identity grew out of that culture of attention to detail, where nothing is left to chance, and out of a passion for precision and for developing ever more reliable solutions.

Over the years the company has grown, expanded its know-how and turned its original specialisation into a broader production system, capable of manufacturing diamond tools for a wide range of industries. What makes Diamar a solid partner is not only the

quality of its tools, but everything that surrounds them: a global presence, state-of-the-art automated warehouses and, above all, technical support that follows each customer individually at every stage.

Our distribution network of authorised dealers is selected for its expertise and its ability to understand the real-world work of those who use our products.

Uncompromising quality remains our founding principle: providing reliable tools with consistent performance over time.



OUR VALUES

RESPECT FOR THE CUSTOMER

We believe that every professional relationship must be built on respect, even before the product itself. Truly listening to our customers' needs, being clear in our proposals and honouring our commitments is how we build lasting relationships. For us, word of mouth is not a strategy: it is the natural result of work done with integrity.

PASSION FOR OUR WORK

Every tool is born from our passion for the craft and our care for every detail. We do not look for shortcuts or standard solutions when they are not the right fit: we prefer to focus on the process, on continuous improvement and on quality that lasts over time. Doing our job well is a responsibility we feel every day.

RELIABILITY AND TRANSPARENCY

We believe in working in a clear and direct way. Fast quotes, accurate order confirmations and commitments kept are, for us, the foundation of every professional relationship. Reliability is built over time, through consistent choices and communication that is always transparent.



EXCELLENCE IN THE INDUSTRY

At Diamar, quality is not simply the result of advanced production processes, but the sum of the actions, stories and passions of the people who bring our tools to life every day.

Anyone who makes tools knows that no machine can replace the expert eye or the sensitivity of someone who truly understands the product; our goal is not just to make tools, but to build experience through direct contact with the product itself, combined with a constant desire to refine every detail. It is this balance of dedication and expertise that defines our identity: a company where experience is not only technical, but a shared culture.



STRENGTHS THAT MAKE THE DIFFERENCE



GLOBAL PRESENCE

We operate internationally through a structured network of distributors and customers, ensuring supply continuity and support even in the most complex markets.



AUTOMATED WAREHOUSE

An automated, fully tracked storage system lets us know stock availability in real time, reduce errors and respond quickly to requests.



TECHNICAL SUPPORT

We support customers and distributors with ongoing, knowledgeable technical assistance, built on direct dialogue of the work involved.



HIGH QUALITY

Every tool is the result of a rigorous process of checks, traceability and production consistency, ensuring steady performance over time.



OPERATIONAL RELIABILITY

Reliable lead times, fast responses and clear processes are an integral part of how we work, providing a solid and predictable professional experience.



PROVEN EXPERIENCE

For more than thirty years we have been developing diamond tools with expertise and passion, turning technical experience into concrete, repeatable solutions.

ZERO WAITING TIME, MAXIMUM CONTINUITY

A smart storage and automated
warehouse system



Ensuring operational continuity is a concrete responsibility. That is why we have structured a supply service that minimises waiting times and prevents machine downtime, even in the most demanding production environments.

Thanks to an extensive, detailed product warehouse, supported by automated, fully tracked storage systems, we can respond quickly to requests and guarantee immediate availability for both standard tools and recurring special tools.

Our organisation also allows us to produce small batches, including custom ones, while maintaining reliable lead times and the right balance between performance and cost. A service designed for those who cannot afford downtime.



OUR SERVICES SUPPORTING YOUR PROJECTS

From technical consultation to tailor-made design, through to operational support and supply continuity, we support distributors and customers at every stage of the project.

A set of services designed to make your work more efficient, precise and reliable over time.

**PROMPT DELIVERY AND
SUPPLY CONTINUITY**

**PRELIMINARY
TECHNICAL
CONSULTATION**

**CUSTOM TOOL DESIGN AND
DEVELOPMENT**

**ON-SITE VISITS AND
TECHNICAL ASSISTANCE**



PROMPT DELIVERY AND SUPPLY CONTINUITY

Ensuring operational continuity is a concrete responsibility. That is why we have structured a supply service that minimises waiting times and prevents machine downtime, even in the most demanding production environments. Thanks to an extensive, detailed product warehouse, supported by automated, fully tracked storage systems, we can respond quickly to requests and guarantee immediate availability for both standard tools and recurring special tools. Our organisation also allows us to produce small batches, including custom ones, while maintaining reliable lead times and the right balance between performance and cost. A service designed for those who cannot afford downtime.



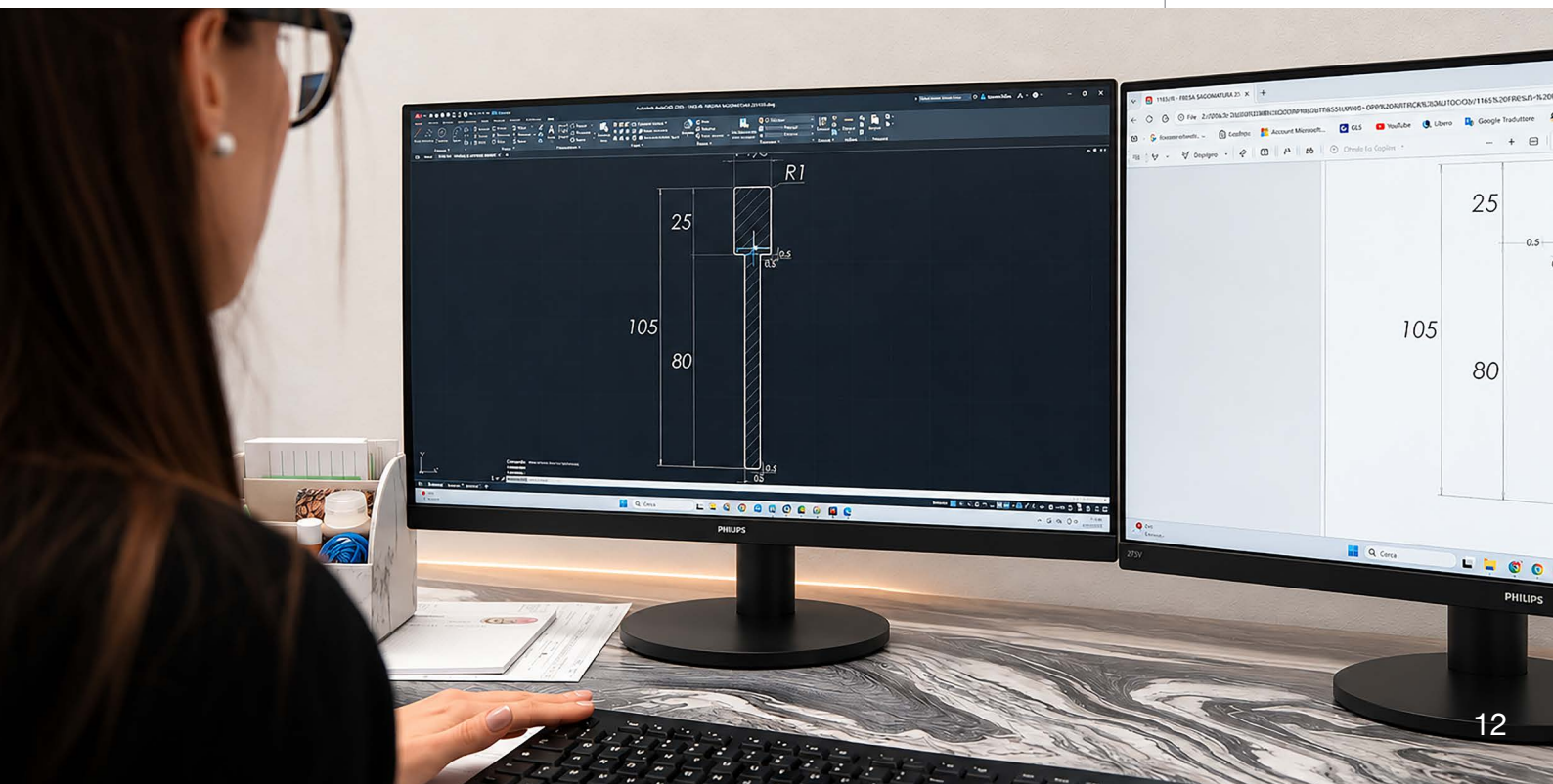
PRELIMINARY TECHNICAL CONSULTATION

Preliminary technical consultation is when the direction of a project is defined, avoiding trial and error, suboptimal choices and investments that add no value. Through careful dialogue with the customer, we look closely at the machinery used, the materials, production rates and the expected outcome, so as to identify the most suitable tools and accurately estimate indicative quantities and costs before starting the project. This approach makes it possible to arrive at solutions that are both technically effective and economically sustainable, reducing uncertainty and increasing process continuity. The same methodology is also applied when assessing new sectors and applications: because when diamond technology is read in the right way, it can open up real opportunities even where it was not previously considered.



ON-SITE VISITS AND TECHNICAL ASSISTANCE

We believe that offering truly effective solutions means understanding the context in which they will be used; that is why we support our customers directly on site as well. We carry out technical site visits in Italy and abroad, aiming to understand not only the processes involved, but also the people working within each company. This hands-on approach allows us to provide continuous technical support built on real needs rather than assumptions. Our constant availability by email and phone, combined with the operational flexibility typical of a well-structured SME, ensures a working relationship based on trust, availability and a practical approach.



TAILORED TO YOUR NEEDS

CUSTOM SHAPED TOOLS MADE TO DRAWING

When a job requires a precise profile that stays consistent over time, standard solutions are not enough. Custom tools made to drawing are designed to meet specific needs, ensuring exact geometries, repeatability and complete process control.



MAXIMUM PRECISION

Custom tools make it possible to achieve controlled geometries and finishes, guaranteeing consistent results even in work that requires tight tolerances.

STABILITY OF THE PRODUCTION PROCESS

A custom-designed tool integrates smoothly into the workflow, reducing operating variables, machine adjustments and corrective interventions.

LONG-TERM CONTINUITY AND EFFICIENCY

Product coding and repeatability make reordering simple and ensure consistent performance over time, helping to reduce waste, machine downtime and operating costs.





A COMPLETE RANGE, FROM STANDARD TO CUSTOM PRODUCTS

Our range of diamond tools is designed to meet a wide variety of production, application and operational needs.

Each category is the result of a process that combines technical expertise, organisation and attention to supply continuity.

From standard solutions to more specific configurations, our range is designed to help distributors and customers choose the most suitable tools, while also leaving room for the development of tailor-made products for non-standard applications.



**CYLINDRICAL
ROUTER BITS**



**SHAPED
ROUTER BITS**



**INTERCHANGEABLE
HEADS**



**3 & 6 MM SHANK
ROUTER BITS**



**ENGRAVING
ROUTER BITS**



**ROUGHING
WHEELS**



**DRILL
BITS**



**DIAMOND
BLADES**



**PROFILING WHEELS
ROTARY AND FIXED**



**CNC
GRINDING
WHEELS**



**GRINDING
WHEELS**



DIAMOND WIRE



EXTENSIONS



ROBOTS

CYLINDRICAL ROUTER BITS

Precision and operational continuity

Diamond tools designed for precision work, finishing and drilling. Cylindrical router bits guarantee stability, control and operational continuity, adapting to different machine configurations and a wide range of application needs.

- **WIDE RANGE OF SIZES**
- **CONSISTENT PERFORMANCE OVER TIME**
- **COMPATIBLE WITH DIFFERENT WORK SYSTEMS**
- **STANDARD AND CUSTOMISABLE SOLUTIONS**



SHAPED ROUTER BITS

Geometries designed to measure

Solutions developed to create specific profiles and dedicated geometries. Shaped router bits deliver precise, repeatable results, even in the most complex machining or on custom drawings.

- **CUSTOM PROFILES MADE TO DRAWING**
- **PROFILE REPEATABILITY AND PRECISION**
- **SUITABLE FOR COMPLEX MACHINING**
- **DEDICATED DEVELOPMENT FOR SPECIFIC NEEDS**



INTERCHANGEABLE HEADS

Control and application versatility

Diamond systems designed to combine multiple tools in a single configuration. These heads optimise machining time, improve process efficiency and maintain constant control over the result.

- **MODULAR CONFIGURATIONS**
- **OPTIMISED WORKING TIMES**
- **INTEGRATION WITH DIFFERENT MACHINERY**
- **SOLUTIONS DESIGNED FOR STRUCTURED PROCESSES**



3 & 6 MM SHANK ROUTER BITS

Reliability in detailed work

Router bits for sculptors, designed by sculptors themselves for the manual roughing and finishing of high-value, precision work. Reliable and long-lasting, made with a coarser grit than the market average.

- **STANDARDISED SHANKS**
- **PRECISION ON SMALL GEOMETRIES**
- **STABILITY DURING MACHINING**
- **SUITABLE FOR REPEATED, CONTROLLED CYCLES**



ENGRAVING ROUTER BITS

Engraving router bits in tungsten carbide, carbide and PCD

These router bits are ideal for engraving marble and granite and for finishing bas-reliefs or sculptures, on both CNC machines and anthropomorphic robots.

- **PRECISION WRITING AND ENGRAVING**
- **FINISHING OF BAS-RELIEFS AND SCULPTURES**
- **USE ON CNC MACHINES AND ANTHROPOMORPHIC ROBOTS**
- **SELECTED AND INSPECTED ITALIAN QUALITY**



ROUGHING WHEELS

Controlled stock removal and durability

Diamond grinding wheels designed for heavy-duty work and roughing operations. They offer high material-removal capacity and a robust structure, suited to intensive production environments.

- **STANDARDISED SHANKS**
- **PRECISION ON SMALL GEOMETRIES**
- **STABILITY DURING MACHINING**
- **SUITABLE FOR REPEATED, CONTROLLED CYCLES**



DRILL BITS

Precise and reliable drilling

Diamond tools dedicated to drilling and reaming holes. These drill bits ensure stability and speed during machining, guaranteeing consistent performance even on materials other than marble.

- **DIAMETER PRECISION**
- **STABILITY DURING FEED**
- **SUITABLE FOR DIFFERENT MATERIALS AND THICKNESSES**
- **CONSISTENT RESULTS OVER TIME**

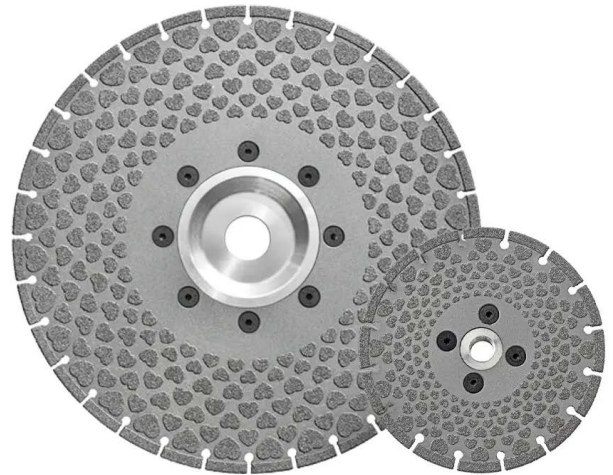


DIAMOND BLADES

Efficient, controlled cutting

Diamond blades designed to ensure efficient, stable and controlled cutting. Versatile solutions suited to a range of applications, combining precision, durability and operational reliability.

- **A VARIETY OF GEOMETRIES AND CONFIGURATIONS**
- **STABLE, CONTINUOUS CUTTING**
- **REDUCED VIBRATION**
- **SOLUTIONS FOR MULTIPLE APPLICATIONS**



ROTARY AND FIXED PROFILING WHEELS

Dynamic process control

These wheels are ideal for shaping, using manual machines, slabs of various thicknesses in marble, granite, ceramic or engineered stone. Available in standard profiles as well as custom-made to the customer's drawing, they are also used successfully on ceramic materials.

- **SENSING PRECISION**
- **RELIABILITY IN MOTION**
- **INTEGRATION WITH AUTOMATED SYSTEMS**
- **SUPPORT FOR IN-LINE QUALITY CONTROL**



CNC GRINDING WHEELS

Programmed precision

Diamond tools for CNC machines, available custom-made to the customer's drawing, ensuring precision, repeatability and integration into automated processes. Effective on many materials, thanks to experience and meticulous design.

- **OPTIMISED FOR CNC SYSTEMS**
- **HIGH OPERATIONAL PRECISION**
- **REPEATABLE RESULTS**
- **SUITABLE FOR SERIAL PRODUCTION**



SHAPED GRINDING WHEELS

CUSTOM MADE TO DRAWING

Versatility and balanced performance

A complete range of diamond grinding wheels, from roughing to finishing, balancing performance, cost and durability. Used across numerous fields: marble and granite, ceramics, metals, glass, wood, concrete and composites.

- **WIDE VARIETY OF SOLUTIONS**
- **BALANCE BETWEEN REMOVAL RATE AND CONTROL**
- **OPERATIONAL RELIABILITY**
- **SUITABLE FOR A WIDE RANGE OF PRODUCTION SETTINGS**



DIAMOND WIRE

Continuous, controlled cutting

The wire is ideal for cutting and shaping marble, granite and quartzite, both in the quarry and in the workshop, on single-wire or multi-wire machines. It is also effective for the controlled demolition of reinforced concrete and for cutting steel: a simple, economical and versatile solution.

- **STABILITY DURING CUTTING**
- **CONSISTENT PERFORMANCE OVER TIME**
- **SUITABLE FOR COMPLEX PROCESSES**
- **STANDARD AND CUSTOMISABLE SOLUTIONS**



ROBOTS

Tools for Advanced Automation

Diamond tools developed for integration into robotic systems and automated lines, made with coarse D1181 and D851 grits to increase speed and minimise vibration throughout the entire production cycle.

- **COMPATIBLE WITH ROBOTIC SYSTEMS**
- **PRECISION IN AUTOMATED PROCESSES**
- **RELIABILITY IN CONTINUOUS CYCLES**
- **SOLUTIONS DEVELOPED FOR ADVANCED INDUSTRY**



EXTENSIONS

Adaptability and operational integration

Extensions, arbors and ISO 40 and ISO 50 cones for all machines, to extend and adapt diamond tools. Available in stainless or heat-treated steel, custom-made options included. A wide stock range means the right solution is always close at hand.

- **COMPATIBLE WITH DIFFERENT TOOLS**
- **MECHANICAL STABILITY AND RELIABILITY**
- **EASY INTEGRATION**
- **SUPPORT FOR CUSTOMISED CONFIGURATIONS**





**Where we are**

Diamar s.r.l. - Via Vitale, 92
55047 Querceta (LU) - Italy

Contact

Tel: +39 0584742172
WhatsApp: +39 334 8277723
Email: info@diamar.it

Opening hours

Mon – Fri: 8:00 – 17:00
Sat: 8:00 – 12:00
Sun: Closed



**PASSION FOR
DIAMOND**

www.diamar.it

