



GMA Europe

Waterjet Cutting | Abrasive Blasting | Specialty Applications

gmagarnet.com

engineered
to perform





About GMA Europe

GMA Europe has been delivering high quality garnet abrasives to the waterjet cutting and abrasive blasting industries in Europe, Central Asia and Africa for more than 30 years.

Over the years, we have maintained consistent product quality and secure supply for our customers to support them in minimising operational downtime and achieving great successes in their projects.

Our distribution network spanning across three continents backed by dedicated logistics and sales teams enables us to address any delivery or product and service matters promptly.

In addition, our experienced technical teams work closely with our customers to improve or achieve better productivity and performance results with GMA Garnet™.



A member of the family enterprise

Privately owned since 1895, the Jebsen & Jessen Family Enterprise employs over 6,000 people worldwide in distribution, engineering, manufacturing, and mining. Today, the Group continues its mission to build a sustainable business and preserve an entrepreneurial spirit built on strong partnerships and an unwavering commitment to its customers.



JEBSEN & JESSEN



GMA Garnet™ maximises cutting performance - producing the perfect edge while safeguarding equipment.

Waterjet Cutting

Recognised as the industry standard among manufacturers of waterjet cutting machinery, GMA Garnet™ is engineered to deliver peak performance and longer lasting operating life for today's highly sensitive waterjet equipment.

Engineered for precision cutting, GMA's range of waterjet cutting abrasives strikes the perfect balance of cutting efficiency and edge quality for results that improve production uptime.

We offer the widest variety of job-specific waterjet abrasives that allow customers to more precisely deliver the results they require including;

- **Fast and Consistent Performance:** Achieve high-speed cutting with consistent results, helping you maintain productivity and meet tight project deadlines. GMA Garnet™ delivers reliability for steady production rates in demanding environments.
- **Reduced Downtime:** Experience fewer interruptions with GMA Garnet™. Each bag provides meticulously sized, pure garnet grains, promoting a smooth abrasive flow that minimises filter changes and production halts.
- **Dependable Supply Chain:** Benefit from a secure, uninterrupted supply of garnet abrasives, backed by GMA's fully controlled, mine-to-customer supply chain. Count on timely access to the materials needed to keep your operations running smoothly.
- **Industry-Leading Waterjet Expertise:** Leverage GMA's deep-rooted experience in the waterjet industry. Our technical experts work alongside you to enhance operational efficiency, helping you tackle production challenges with ease.

Consistent Quality

The consistent quality of 99.9% high purity garnet in every bag delivers unmatched cutting performance and precision while protecting your machine from any damage and clogging. It delivers up to 30% faster cutting speed compared to other brands of garnet.

Behind our high product quality standards are ISO certified production processes and rigorous testing of each batch of production.

GMA ClassicCut™ 80

The trusted, most versatile waterjet abrasive choice for precise waterjet cutting. Delivers the optimum balance of cutting speed and precision edging.

Specifications: 80 mesh | Focusing tube 0.762 - 1.02 mm
| Orifice 0.245 - 0.356 mm

GMA ClassicCut™ 120

High-precision alluvial almandine garnet abrasive for waterjet cutting with high edge quality and accuracy on delicate or tight tolerance parts.

Specifications: 120 mesh | Focusing tube 0.508 - 0.762 mm
| Orifice 0.178 - 0.254 mm

GMA Fine & Superfine

Developed for microcutting a variety of shapes from exotic metals, advanced composites, polymer thermoplastics, and glass with incisions as thin as 0.2 mm, and up to a maximum thickness of 5mm.



Major Industries

- Aviation
- Stone Cutting
- Metal Fabrication
- Automotive
- Glass Cutting
- Medical Devices
- Signage



Approved by paint manufacturers worldwide, GMA is the preferred choice of oil & gas companies, full-service shipyards, industrial contractors, and fabricators.

Abrasive Blasting

For many years, the choice of sandblasting abrasive is not often questioned or challenged as conventional abrasives set a standard performance and expectation in the industry.

However, we have successfully demonstrated that GMA Garnet™ — a very tough and natural abrasive — exceeds standard performance by delivering up to 30% faster blasting speed with lower abrasive consumption. Moreover, there is little to no embedment on the cleaned surface and minimal dust generation during blasting.

- **Higher Productivity:** Our garnet abrasives accelerate project completion with superior cleaning rates, minimising downtime and maximising efficiency.
- **Reduced Consumption:** GMA Garnet™ helps blasters onsite achieve the best results, using less product, to deliver more value. Our abrasives are engineered for efficiency.
- **Surface Quality:** Achieve high-quality surface preparation that ensures better coating adhesion and longevity, reducing the need for rework and enhancing long-term project results.

Safe & Natural Abrasives for any Environment

GMA abrasives are free from toxic materials, making them a healthier alternative to other blasting media. By choosing GMA Garnet™, customers not only benefit from high performance but also contribute to safer, more responsible industrial practices.

Our abrasive products can be used in any environment from high-risk industrial sites and protected areas to suburban areas.

GMA ToughBlast™ Power through thick industrial coatings. An engineered blend for medium to heavy industrial maintenance.

GMA PremiumBlast™ Efficient and cost effective all-round performance for removal of medium to heavy rust and industrial coatings.

GMA Newsteel™ The fastest mill scale and light rust removal abrasive that minimises consumption and keeps costs down.

GMA Fine & Superfine The ideal garnet abrasive for fast, gentle blast cleaning on vulnerable surfaces and precision equipment.



Major Industries

- Oil & Gas
- Pipelines
- Steel Fabrication
- Ship Building & Maintenance
- Defence
- Construction & Infrastructure
- General Manufacturing
- Renewable Energy



Our promise is to maintain an uninterrupted supply of the highest quality garnet to our customers.

Reliable and Efficient Supply across Europe

GMA is the world's only vertically integrated garnet abrasive supplier.

We invest heavily in supply chain resilience and make strategic alliances with distributors to continually expand our global footprint. We own and operate mines in Australia and the United States and have a significant supply source in South Africa, providing the security of multiple garnet resources to over 180 distribution locations globally.

GMA's mining and processing plants are at the heart of our global operations. Three garnet mines, five recycling plants and 11 processing plants maintaining an uninterrupted supply of garnet to our customers. Our reliable and advanced operations ensure efficient delivery of consistent, high-quality products.

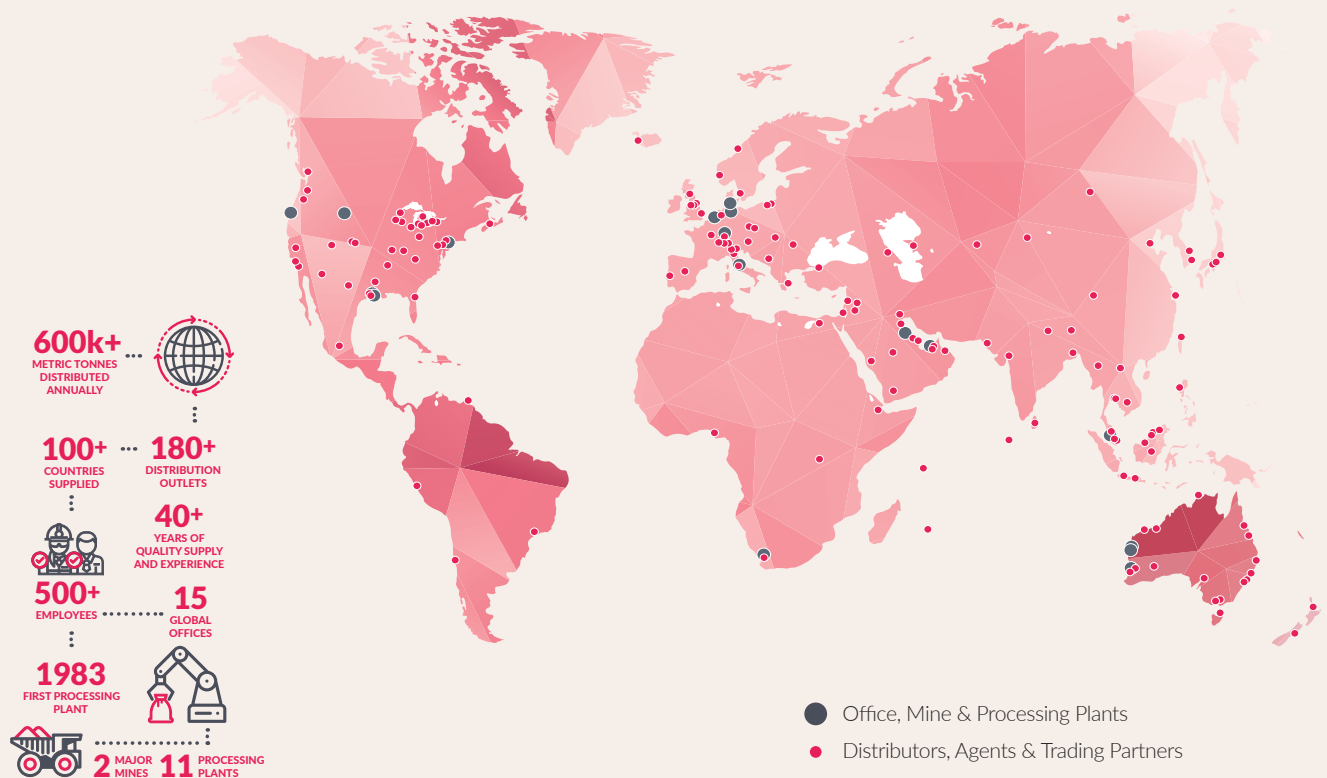
Our central European office is located in Hamburg, with additional branch offices in Griesheim near Frankfurt in Germany and Aabenraa in Denmark.

Our extensive network includes over 63 distributors across Europe, supported by more than 10 warehouses and three loose bulk facilities to ensure reliable and efficient logistics and distribution.

Distribution Network in Europe

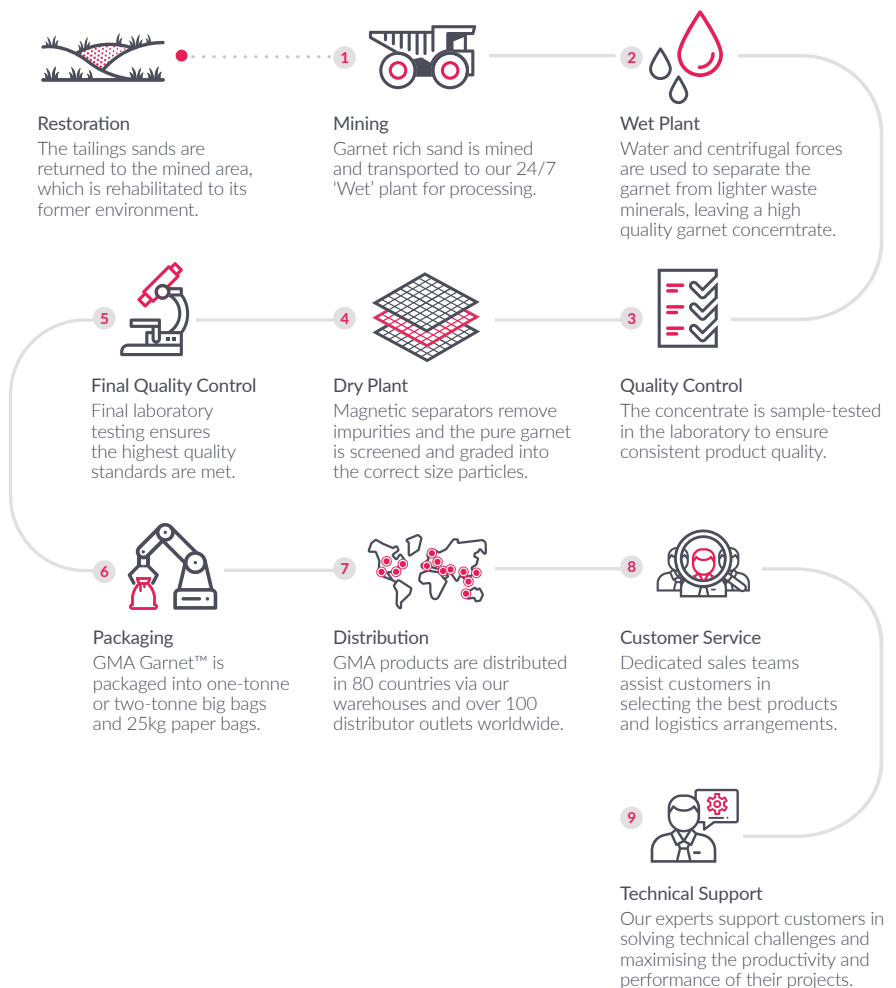


Global Network



Our Supply Chain

We own our entire supply chain, from source to processing, giving us the highest degree of control over production and product availability. That means customers can count on us for an uninterrupted supply of quality garnet.



GMA's commitment to sustainability is reflected in the way we manage our natural resources.

Garnet Recovery and Reprocessing

We believe in a sustainable approach to business, and this is reflected in the way we manage our natural resources. Over the past 15 years, GMA has pioneered the research and development of garnet recycling and has invested substantially in building advanced garnet reprocessing facilities around the world.

Through our garnet recovery and reprocessing programmes, we provide customers with a cost-effective and responsible option for managing used garnet that would otherwise be considered industrial waste.

Our Garnet Return Programme in Europe represents a pioneering approach to sustainable resource management.

The programme is available to customers throughout the European Union, enabling them to return their used garnet for environmentally responsible disposal while also lowering their disposal costs.

Central to this initiative is GMA's cutting-edge reprocessing technology, which is designed to restore used garnet for other applications.

This advanced technology not only ensures the high-quality performance of the recycled abrasive but also supports the company's commitment to sustainability by significantly reducing waste.

80%

OF SPENT GARNET CAN BE
REPROCESSED / RECYCLED



175k+

METRIC TONNES
RECYCLED
GLOBALLY IN THE
LAST 5 YEARS

UP TO

18%

ALTERNATIVE
RAW MATERIAL

AS LOW AS

2%

WASTE GOES
TO LANDFILL

RECYCLE UP TO

5 TIMES

5

RECYCLING
PLANTS



Innovating for a Better Future

As stewards of natural resources, sustainability is at the core of GMA's business. Our approach to sustainable operations spans across several key areas, demonstrating our commitment to responsible practices and long-term impact.

Safety

Our focus on sustainability extends to both environmental and worker safety. We are dedicated to protecting our customers, employees, and the ecosystems in which we operate. By reducing dust, using consistent, inert materials, and implementing strict safety protocols, we ensure the wellbeing of our workforce while minimising our environmental footprint.

Managing Our Carbon Footprint

GMA is committed to reducing greenhouse gas emissions across our global operations. We actively monitor our Scope 1 and 2 emissions and partner with organisations like South Pole to support various climate projects. Through these efforts, we have significantly reduced our carbon intensity, aligning with international best practices, and exceeding our emission reduction goals.

Operational Excellence

Our ISO certifications (9001, 14001, 45001) reflect our dedication to quality, sustainability, and safe work environments. These standards guide our operations, ensuring we deliver consistent, high-quality products while maintaining our environmental and social responsibilities.

Through these actions, GMA continues to lead with innovation and integrity, balancing growth with a commitment to sustainable practices across all areas of our business.

Environmental Responsibility

GMA takes a proactive approach to managing our environmental impact. Key initiatives include:

- **Water Stewardship** – We understand the shared nature of water resources and work diligently to manage our usage responsibly, minimising the impact on both natural and social environments.
- **Renewable Energy** – Transitioning to renewable energy is a priority for us. Since 2020, we have been investing in wind and solar energy, including a partnership with Advanced Energy Resources to power our Port Gregory facility in Western Australia.
- **Land Rehabilitation** – We prioritise restoring land affected by mining to its original condition, adhering to regulatory requirements. In both Australia and the USA, we have rehabilitated significant areas of land as part of our ongoing efforts to minimise our environmental footprint.





GMA GARNET EUROPE Waterjet Division | Blast Division | Marketing Division | Business Operations & Services

HAMBURG

Rödingsmarkt 16
20459 Hamburg
Germany

T +49 (0) 40 3014 228

E info.eu@gmagarnet.de

FRANKFURT

Ottostraße 2a
64347 Griesheim
Germany

T +49 (0) 6155 8711 25

DENMARK

Michael Jebsens Plads 1
6200 Aabenraa
Denmark

T +45 (0) 7334 6500

UNITED KINGDOM

PO Box 9
Middlewich, Cheshire
CW10 9FD Great Britain

T + 44 (0) 1606 836 233

gmagarnet.com