



GMA Garnet Group over 40 years of Innovation

Abrasive Blasting | Waterjet | Specialty Applications

gmagarnet.com

**engineered
to perform**





About GMA

GMA Garnet Group (GMA) stands as the world leader in industrial garnet, delivering unparalleled garnet abrasive solutions to the waterjet cutting and abrasive blasting industries for over four decades. With a legacy of excellence and innovation, GMA Garnet continues to set the standard in quality and performance.

GMA is the only global garnet supplier that is vertically integrated, owning the complete supply chain from source and processing to managing international distribution. We own our mines and processing plants in Asia Pacific, Europe, Americas and the Middle East and have invested significantly to expand our sources of supply and production capacity to incorporate alluvial, crushed and recycled garnet.

More than 500 GMA employees manage our operations encompassing 15 offices, three garnet mines and 11 processing plants, including five large scale recycling facilities, located across the globe.

Our team of dedicated sales and technical experts work with our customers to understand their priorities and challenges. We deliver specialist advice and distribute a complete range of premium abrasive products to more than 100 countries from our own warehouses and a network of more than 180 distributor outlets.

GMA has led the innovation and development of new technologies for the global abrasive blasting and waterjet cutting industries, including the development of recycling technologies that offer our customers a sustainable solution for the disposal of used garnet. Beyond these established markets, we are exploring the unique properties of garnet to identify new applications across diverse industries, further expanding the value and impact of this versatile mineral.



JEBSSEN & JESSEN

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.



Over the past 40 years, we have driven innovation in industrial garnet to better serve our customers in the abrasive blasting and waterjet cutting industries worldwide.

Our history

GMA originated in Australia where our primary source of garnet was discovered near the coastal town of Port Gregory in 1973.

At the time of discovery, garnet was dismissed as a worthless mineral with no known uses or applications.

GMA experimented with possible uses and received a positive response from the local abrasive blasting industry.

During the following ten years, GMA identified high grade garnet deposits, drilled new tenements and developed additional processing plants.

In February 1983, GMA secured its first major contract to supply over 2,000 metric tonnes of garnet for use on the

construction of the 1,600 km Dampier to Bunbury natural gas pipeline in Australia.

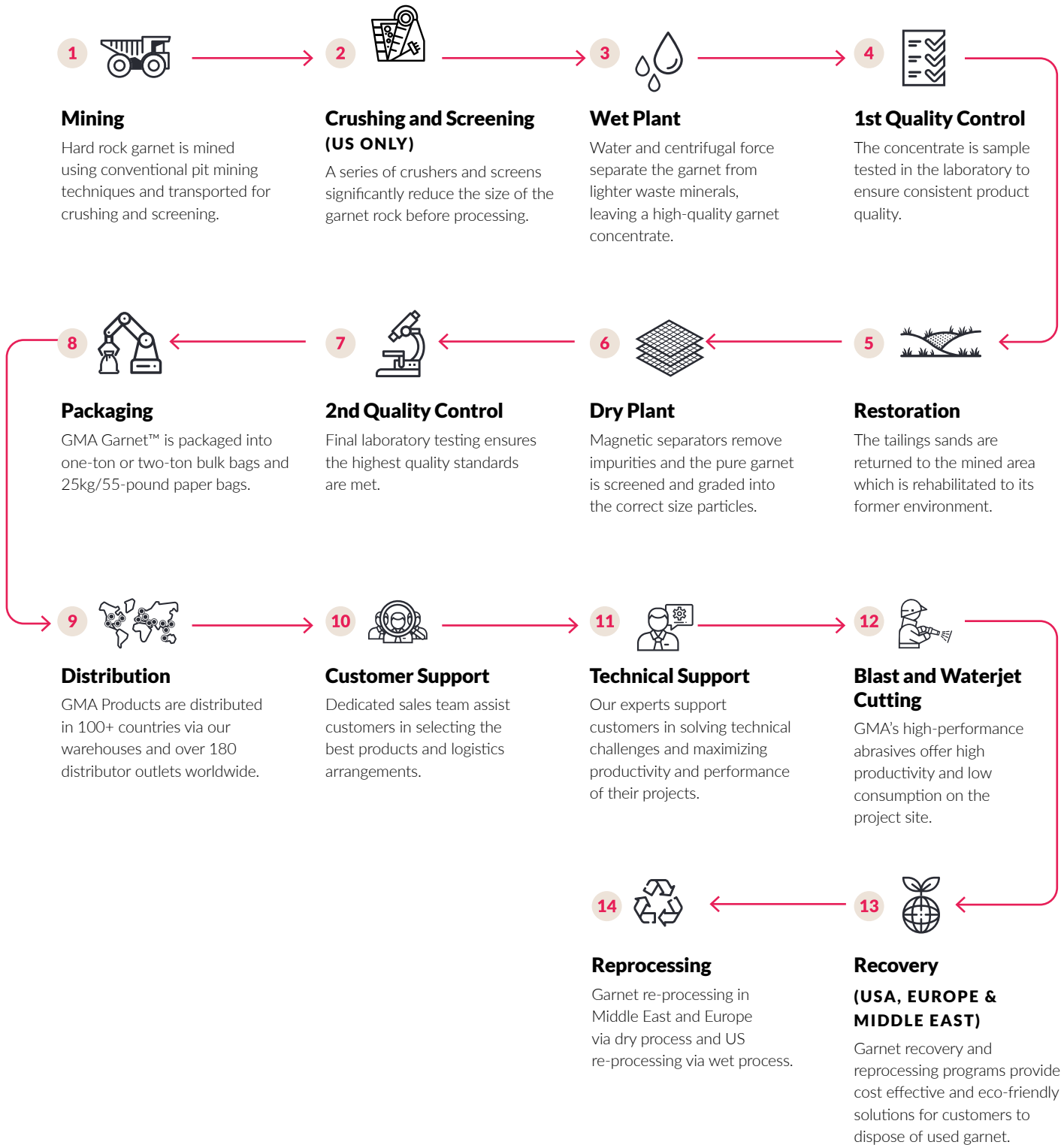
The project was a turning point for GMA as the use of garnet as an effective abrasive was quickly recognized globally and allowed GMA to establish new markets in Asia, the Middle East, Europe and Americas.

GMA are proud of our history, and we are excited by the challenges and opportunities ahead.

Our commitment to ethical and sustainable business practices ensures we will continue to deliver value to our customers and achieve sustainable growth for GMA for future years to come.

Our Operations

- GMA Garnet™ processing

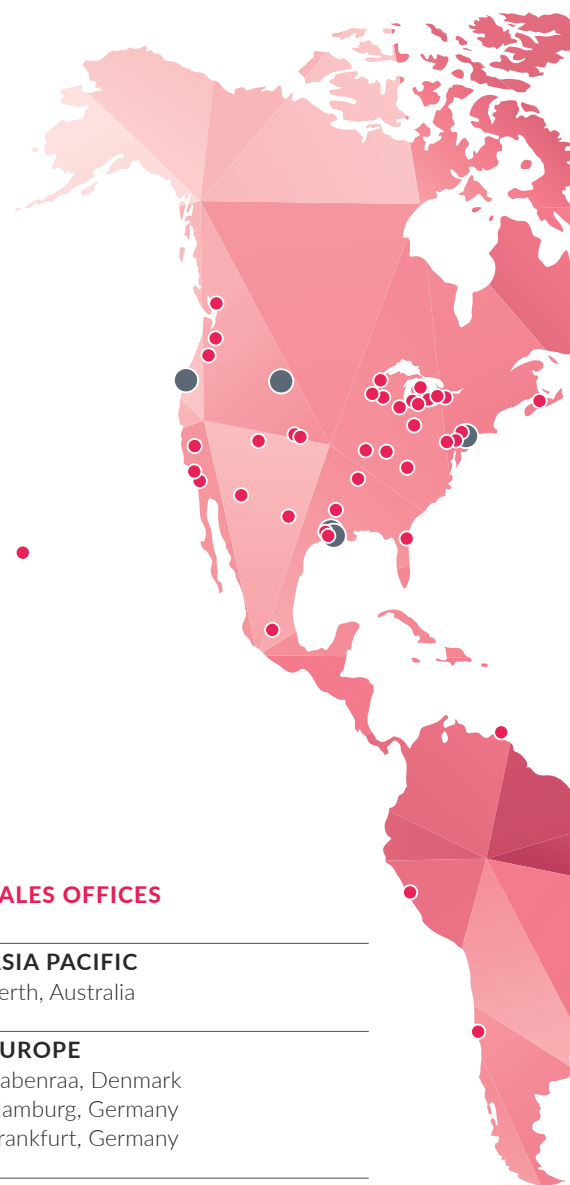


Global Network

Headquartered in Perth, Australia, GMA has well established operations around the globe. Since the early 1980s, we have exported over five million tons of GMA Garnet™ from our Australian mine to Asia Pacific, Europe, the Middle East and the Americas through GMA's extensive network.

We support our customers throughout these regions with our own sales and technical teams, and in partnership with leading regional distributors, to provide a network of more than 180 distribution outlets worldwide.

At GMA we prioritize building long-term partnerships with our customers, suppliers, and distributors, fostering collaboration and mutual trust.



MINES

ASIA PACIFIC

Port Gregory, Australia

AMERICAS

Alder, Montana, United States

AFRICA

MSR Tormin Mine, South Africa*

PROCESSING PLANTS

ASIA PACIFIC

Geraldton, Australia
Port Gregory, Australia
Port Klang, Malaysia**

EUROPE

Moerdijk, Netherlands**
Aulla, Italy**

MIDDLE EAST

Dubai, United Arab Emirates
Jubail, Saudi Arabia

AMERICAS

Alder, Montana USA
Coos Bay, Oregon USA
Fairless Hills, Pennsylvania USA
Houston, Texas USA

SALES OFFICES

ASIA PACIFIC

Perth, Australia

EUROPE

Aabenraa, Denmark
Hamburg, Germany
Frankfurt, Germany

MIDDLE EAST

Dubai, United Arab Emirates
Jubail, Kingdom of Saudi Arabia

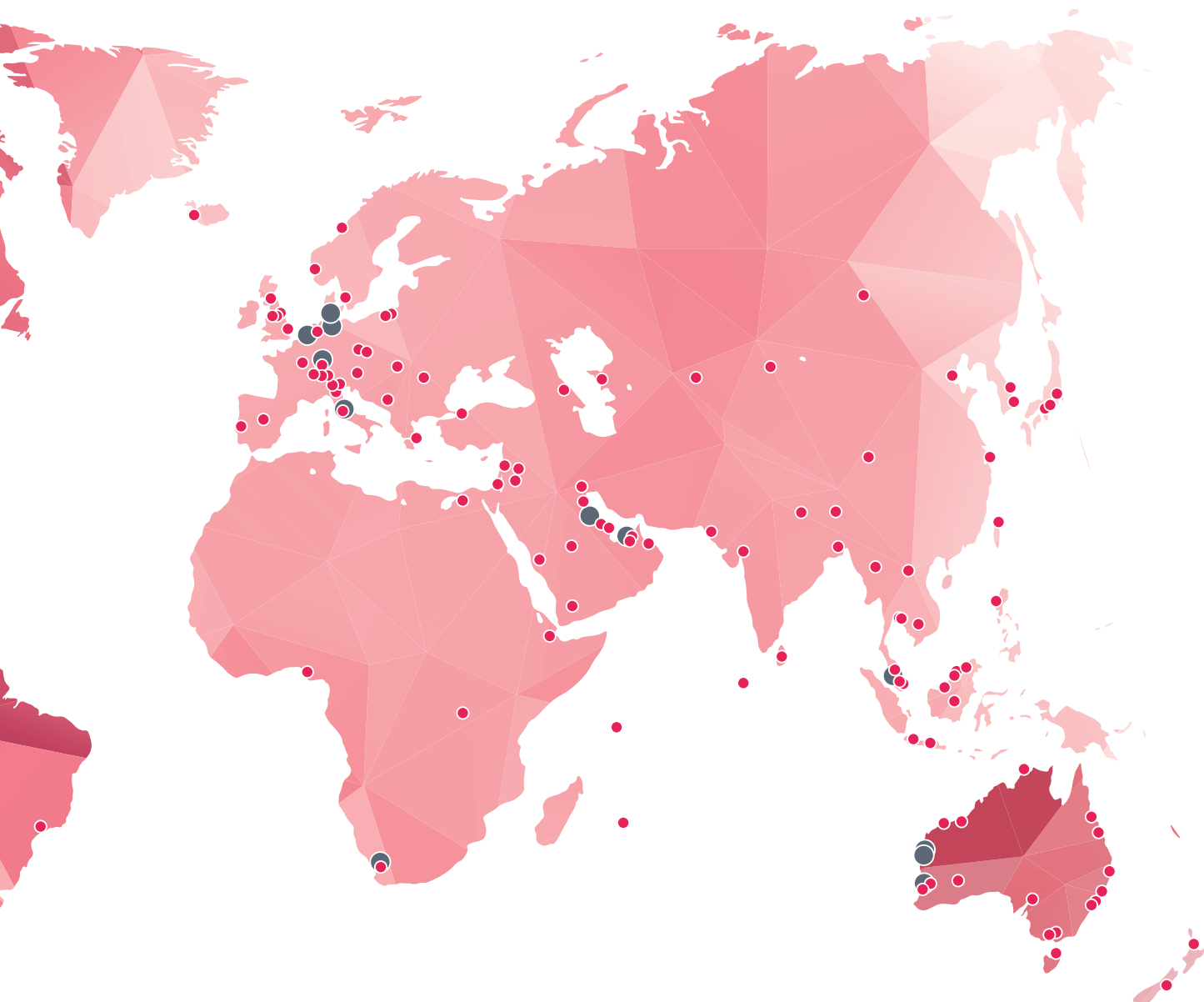
AMERICAS

Houston, Texas USA

- Office, Mine and Processing Plants
- Distributors, Agents and Trading Partners

* Owned and operated by Mineral Commodities Ltd (MRC)

** Owned and operated by Third Party Provider



600k
METRIC TONNES
DISTRIBUTED ANNUALLY



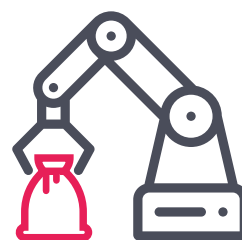
100+
COUNTRIES
SUPPLIED

180+
DISTRIBUTION
OUTLETS



40+
YEARS OF QUALITY
SUPPLY AND EXPERIENCE

1983
FIRST PROCESSING
PLANT



500+
EMPLOYEES

15
GLOBAL
OFFICES



3 MAJOR
MINES

11 PROCESSING
PLANTS

For over 40 years, we have driven innovation in industrial garnet to better serve our customers throughout the abrasive blasting industry worldwide.

Abrasive blasting

Cost Effectiveness

At GMA we understand that for the customer, operational efficiency is about every facet of the project — mastering productivity, minimizing consumption, optimizing labor, and streamlining waste — to ensure jobs are completed on time and on budget.

- **Higher Productivity:** Our garnet abrasives accelerate project completion with superior cleaning rates, minimizing downtime and maximizing efficiency.
- **Reduced Consumption:** GMA Garnet™ helps blasters onsite to 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.

Safer Abrasives

We are committed to enhancing safety and sustainability while delivering high performance. GMA Garnet™ abrasives naturally minimize environmental impact, supporting safer and more sustainable workplaces.

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.

- **Worker Safety:** Our garnet abrasives are designed to minimize health risks by reducing dust exposure, improving worker protection on job sites.
- **Lower Dust Blasting:** Our products generate significantly less dust than alternatives, creating a cleaner, safer work environment with improved visibility for operators.
- **Sustainability:** GMA Garnet™ is naturally occurring and can be recycled multiple times, supporting your sustainability initiatives by reducing waste and promoting responsible resource use.
- **Waste Management Solutions:** With our recyclable abrasives and efficient waste disposal practices, GMA helps customers manage and reduce project waste, cutting down on landfill costs and environmental impact.



Major industries

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



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

Waterjet cutting

GMA Garnet™ is the first choice among craftsmen who demand efficient and precise waterjet cutting for metal, stone, marble, composites, plastics and glass.

Recognized as the industry standard among manufacturers of waterjet cutting machinery, GMA Garnet™ is perfectly 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 minimizes filter changes and production halts.
- **Dependable Supply Chain:** Benefit from a secure, uninterrupted supply of garnet abrasive, 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.

These outcomes make GMA Garnet™ the world's most popular waterjet abrasive range.

Partnerships for Precision and Productivity

At GMA, our commitment to customers goes beyond supplying premium waterjet cutting abrasives. We focus on building strong, supportive relationships, ensuring that every partner gains both the immediate benefits of our precise, high-quality garnet and the long-term reliability of working with a dedicated supplier. By providing consistent, effective solutions and responsive support, we enable our customers to elevate their productivity, streamline operations, and maintain optimal performance in their own projects.

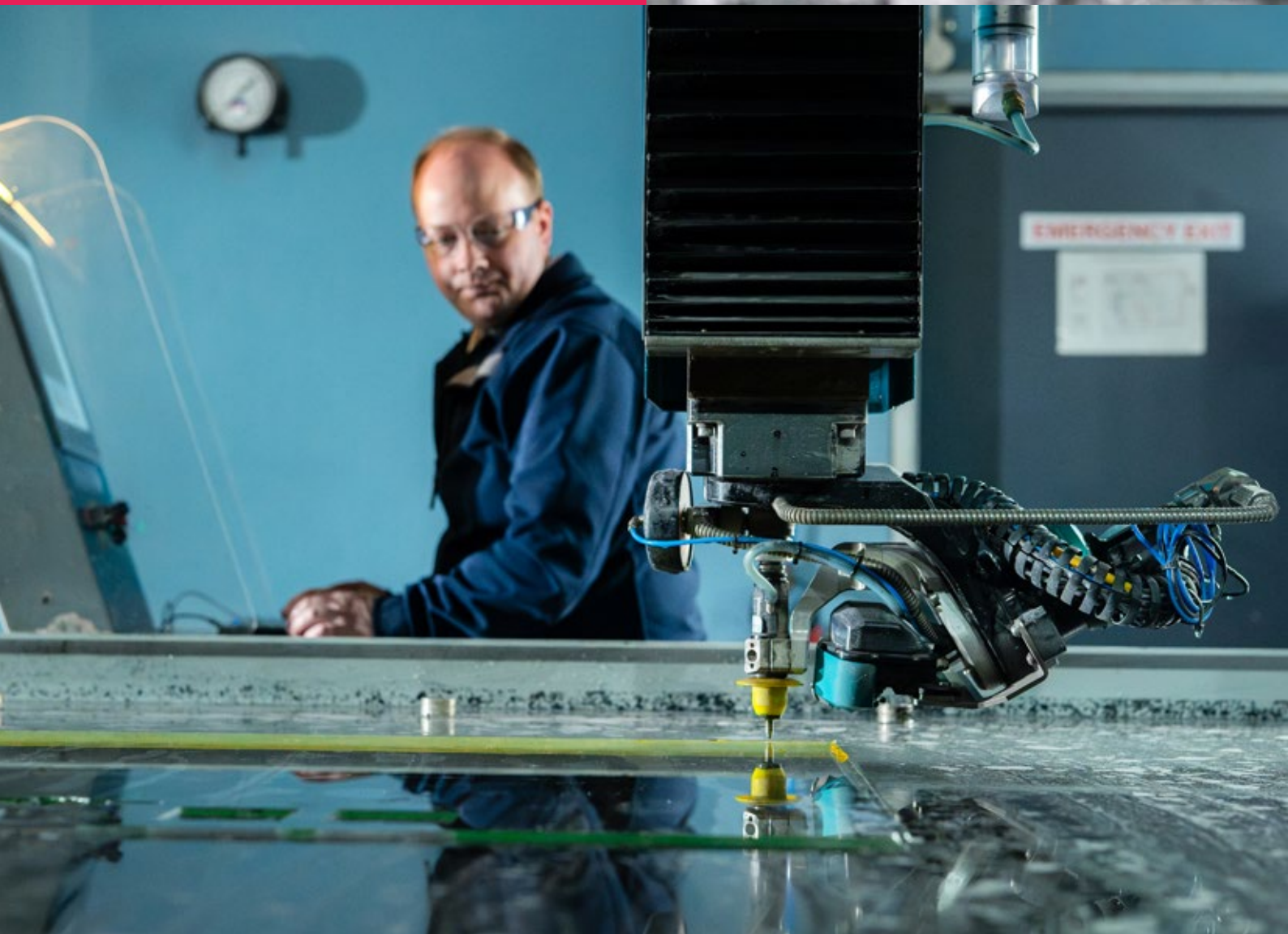
Sustainable Resource

Our garnet recovery programs provide a cost-effective, environmentally responsible solution for managing used garnet in waterjet cutting applications. By promoting efficient recycling and reducing waste, GMA supports sustainable practices that benefit both our customers and the environment.



Major industries

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



Our People are the Difference

At GMA we are about more than just garnet. Our core purpose is to make a difference for our customers, our people, our communities, and the environment.

Our Values

At GMA, our commitment to fulfilling our purpose is guided by our core values of determination, care, trust, excellence, entrepreneurship, and teamwork. These values are deeply embedded in our operations and our interactions with all stakeholders.

Our Diversity

At GMA, we are committed to fostering a positive and inclusive work environment where our values are actively embraced, and every team member feels respected and supported. With a workforce representing multiple nationalities across our global operations, we embody the true spirit of diversity, enabling us to better serve our customers worldwide.

The Wellbeing of our People

The well-being of our people is at the heart of our success. We prioritize their safety and overall well-being, ensuring they remain our top priority at all times. Through comprehensive support programs and a strong safety culture, we are dedicated to fostering a healthy, secure, and positive work environment for every team member.







Garnet Arabia Company

Garnet Arabia Company (GAC) is a leading player in the abrasives industry in the Middle East, serving as a direct subsidiary of the GMA Garnet Group.

Established in 2005 in the Kingdom of Saudi Arabia, GAC operates as a joint venture between the GMA Garnet Group and local partner Global Suhaimi Company, focusing primarily on operations in the Kingdom of Saudi Arabia, Bahrain and Kuwait.

GAC holds the distinction of being the exclusive manufacturer approved by Saudi Aramco. The company offers the renowned "Arabian Garnet Products" tailored to meet the stringent quality requirements mandated by Saudi Aramco and other standards.

Our team of dedicated sales and technical experts work with our customers to improve the performance, safety and environmental impact of abrasive blasting. In addition, we offer a range of machine replacement parts for waterjet cutting equipment.

At GAC's 17,000 m² bulk handling and garnet processing facility in Jubail, we package up to 130,000 metric tonnes of loose bulk garnet and produce up to 35,000 metric tonnes of quality Arabian Garnet™ per year.

In 2018, we expanded our plant operations with an additional 3,500m² bulk handling plant which has the capacity to store and package up to 36,000 metric tonnes of GMA Garnet™.

GAC is recognized for developing and promoting a cost-effective and environmentally friendly solution for managing the disposal of used garnet.

We provide our customers with complete life cycle solutions for garnet abrasives through our recovery and reprocessing programmes.

GMA Garnet Middle East

GMA Middle East is a leading player in the abrasives industry in the Middle East for over 2 decades, serving as a direct subsidiary of the GMA Garnet Group. Our journey began in 1999 when we established our plant facilities and commenced business operations in Jebel Ali, Dubai.

Over the years, GMA has emerged as the preferred supplier of abrasives in the GCC (Gulf Cooperation Council), MENA (Middle East and North Africa) and Caspian region, catering to esteemed clients in the waterjet cutting and protective abrasive blasting with our world-class GMA Garnet™.

Our proficient team of sales and technical experts collaborates closely with our clients to enhance the performance, safety, and environmental sustainability of abrasive blasting practices. We assist our waterjet customers in optimizing the productivity and efficacy of their cutting equipment, ensuring precision and efficiency in their operations.

Moreover, we provide a comprehensive range of machine replacement parts for waterjet cutting equipment. Our commitment to environmental stewardship is evident through our initiatives aimed at developing and promoting eco-friendly solutions for the disposal of used garnet, recognized for their efficacy and cost-effectiveness.

In 2004, we undertook a significant redevelopment endeavor, enhancing our fully integrated bulk handling and garnet processing plant in Dubai to bolster production capacity to 100,000 metric tons per annum. This comprehensive upgrade included the establishment of the largest bulk handling depot within the UAE.

From our state-of-the-art facility, we manufacture and package a diverse range of garnet products, ensuring stringent quality standards are upheld throughout the production process. Additionally, we operate a robust used garnet recovery program, offering our clients a sustainable and economically viable solution for managing their used garnet materials.



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 minimizing 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 organizations 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.

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, minimizing 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 prioritize 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 minimize our environmental footprint.

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.

Community Investment

We are proud of our unwavering approach to supporting the Communities in which we operate.

We are dedicated to supporting and contributing to their economic, cultural, and social well-being. Since 2021, GMA has invested over A\$1 million towards local community events, sporting clubs, and charities.

“As stewards of natural mineral resources, we recognize the imperative to operate in a manner that is environmentally responsible, socially equitable, and economically viable. GMA is determined to be a leader in sustainable business practices. Throughout our 40+ years history, our commitments to sustainability have continued to evolve, allowing us to formalize our obligations and develop strategies in line with Environmental, Social and Governance principles.”

Grant Cox, CEO, GMA Garnet Group.





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



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

Garnet recovery & 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.

Garnet recycling in the Middle East

Since 2004, we have been working with customers to improve the commercial performance of using GMA Garnet™ while minimizing the impact it has on the environment.

This resulted in providing used garnet disposal solutions for our customers with recycling facilities in Jubail, Saudi Arabia, and Jebel Ali, UAE.

Our used garnet recovery service adds efficiencies to our customers operations.

By removing and transporting used garnet to our reprocessing plants, we save our customers on costly disposal fees and provide a valuable resource by reprocessing the used garnet.

Reprocessing garnet maximizes the life span of our garnet resources and prevents it from going into landfill.

GMA Garnet™ can be recycled up to five times without compromising its reliable, high performance qualities due to its superior toughness and low friability.

As our customers become increasingly focused on economic and environmentally responsible disposal solutions, we are committed to providing our customers with complete life cycle solutions for garnet abrasives, and support through initiatives such as the Garnet Return Rewards program.



GMA is leading the way in garnet recovery through:

- Working with specialist waste management operators for cost-efficient recovery
- Monitoring & testing of inputs and outputs
- Safe disposal of waste
- Maximizing garnet recovery & minimizing landfill waste

Up to 80% of GMA Garnet™ can be recovered

While the balance waste can be repurposed to Cement plants, Ready Mix, Block Factories as alternate raw material. GMA Garnet™ is a versatile, high performance mineral abrasive that can be recycled up to five times depending upon its applications. Specific product can then be reused in Waterjet cutting and abrasive blasting once again extending the life of the garnet resource.

Globally, GMA recognizes the adverse environmental impact of alternative abrasives such as Slags, and as a result, developed solutions in the market to assist clients reduce their carbon footprint, while offering effective recycling solutions and reducing disposal to government landfills.





Reliable Supply and Performance

GMA is the world's only vertically integrated garnet abrasive supplier. We own or manage our entire supply chain, 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.

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.

Consistent Quality and Product Testing

The consistent sizing and purity of GMA Garnet™ enable operational efficiency with every bag. Our processing plants lead the industry with specialized wet and dry cleaning and processing capabilities refined over 40 years. Each batch is systematically tested and analyzed across 12 areas of performance, including particle size, mineral composition, turbidity, and chloride content. These efforts always ensure we provide our customers garnet that performs to the highest abrasives standards.

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

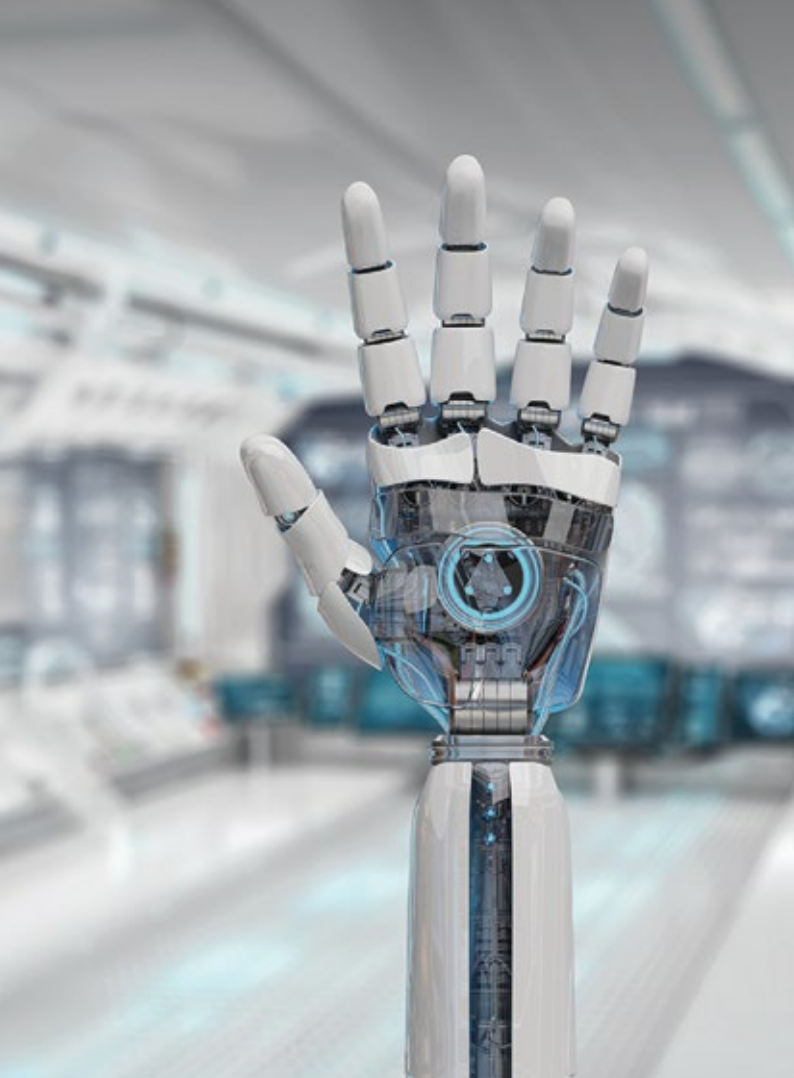


Advancing industrial garnet abrasives

Innovation has been at the core of GMA since the beginning. We are leaders in the advancement of garnet as a material for abrasive blasting and waterjet cutting and remain committed to our customers in producing the highest-performing garnet products available anywhere in the world.

We are committed to excellence and innovation across every facet of our global business. At GMA, innovation is synonymous with our commitment to delivering quality, consistency, reliability, and environmental sustainability throughout our operations. Understanding the importance of our role in meeting customer expectations, we actively seek feedback by listening to our customers to better understand and adjust our offerings to meet their needs. We take pride in our efforts to optimize productivity and performance while also minimizing costs and mitigating risks related to health, safety, environment, and operations.

GMA's engineered blends have brought about notable advancements in our industry, and we remain dedicated to driving progress while maintaining a responsible and sustainable approach to business.



Innovation and product development

GMA has been at the forefront of industrial garnet development for over 40 years. Known for its hardness, toughness, density, and angularity, GMA Garnet™ is ideal for various industrial and commercial applications. We offer a wide range of alluvial and crushed hard rock garnet, from coarse to ultra-fine grades, serving customers globally.

Maximizing productivity and performance is one of our primary goals. Our dedicated sales, technical, and application specialists assist in selecting the best products for specific project requirements. With expertise from the blasting and waterjet industries, our team provides solutions and expert advice.

Since our inception, we have produced high-quality Almandine garnet, renowned for its natural hardness, durability, and abrasive characteristics. Our products are engineered to achieve top performance outcomes, making

GMA Garnet™ the preferred choice for major oil & gas companies, shipyards, international fabricators, aerospace, and manufacturing operations worldwide.

Ultimately, GMA's product development aims are about reducing customers' costs, safeguarding people and equipment and extending industrial asset life.

We are continuously exploring new applications and developing advanced garnet products for emerging industries and technologies. With dedicated R&D funding, we investigate potential new applications for garnet, Ilmenite, and Zircon, expanding the value we offer across sectors. GMA partners with customers, industry, universities, and government entities to research and develop products tailored to specific performance needs. Our commitment to sustainability drives us to create cost-effective and environmentally responsible solutions.



GARNET ARABIA COMPANY

P.O. Box: 1525 Jubail, 31951
Kingdom of Saudi Arabia C.R. 2055007572

T (+96613) 363 5591

F (+96613) 363 5592

E info.sa@gmagarnet.com

gmagarnet.com