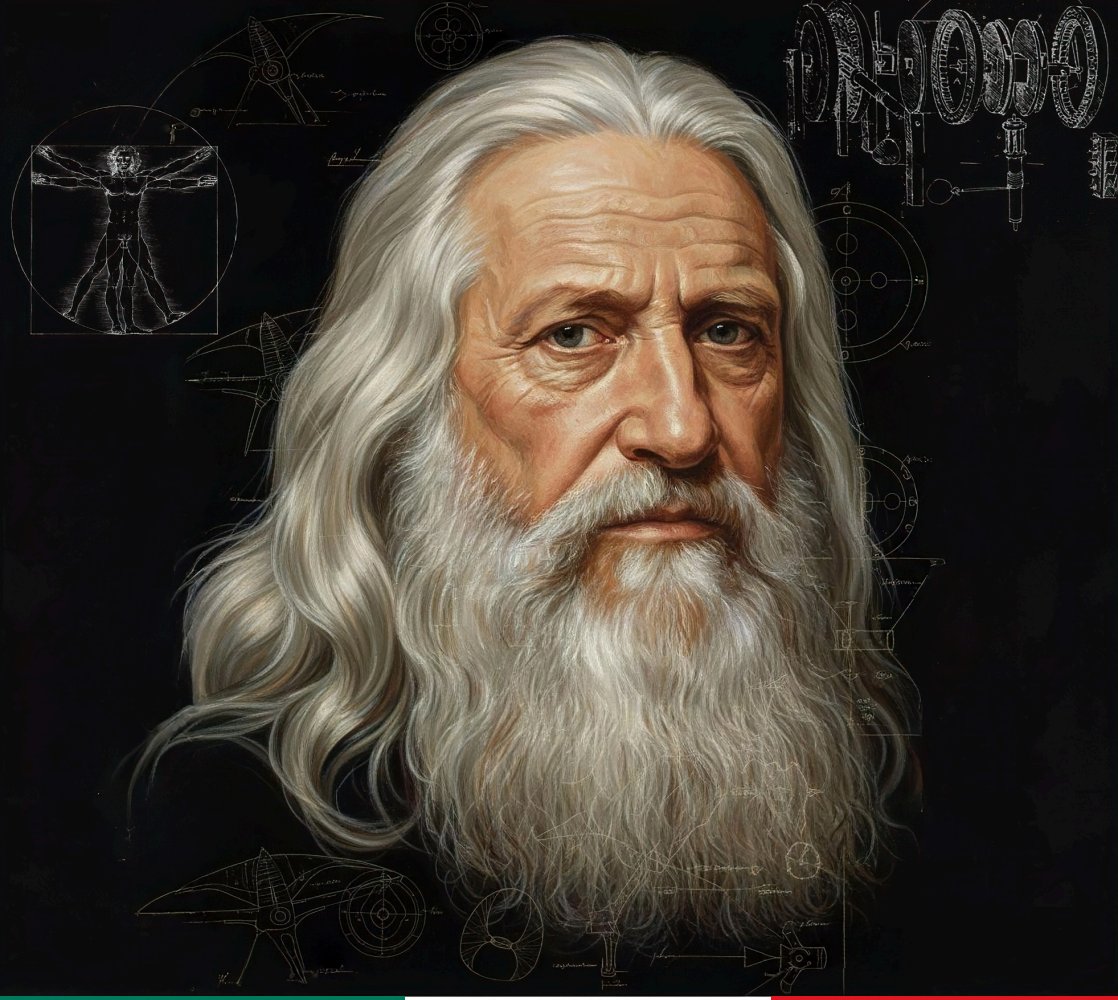




Italia where engineering is Genius

Visit the Italian Stand at
I M A R C 2025
October 21-23



The Italian Machinery and Equipment Industry

Since the engineering genius of Leonardo da Vinci 500 years ago, the Italian machinery and equipment sector today stands as one of the world's foremost industrial powers, built on a legacy of design passion and creativity, engineering excellence, technological innovation and a deeply rooted culture of manufacturing.

Its particular strengths in high-value, specialised and automated systems make it a highly relevant and powerful source of technology for the demanding Australian mining market.

Italy's industrial strength is significant on a global scale. It is the second-largest manufacturing economy in Europe and, within the broader manufacturing landscape, **ranks second in Europe in the machinery and equipment segment**.

Italy's trade with Australia is well established, with machinery consistently the top export category. In 2024, "*Machinery, nuclear reactors, boilers*" (HS 84) accounted for **A\$2.4 billion** in exports, while under HS 8479, which covers miscellaneous machines and mechanical appliances, Italy ranked as Australia's fourth-largest supplier, with exports worth **A\$148 million** (2024).

The global reputation of "Made in Italy" in the industrial sector is not built on mass production, but on a distinctive set of core strengths that align closely with the needs of specialised, high-performance industries such as mining. These core strengths include:

- **High-Tech Specialisation and Customisation:** Italian manufacturers are renowned for their ability to engineer application-specific solutions, going beyond standard catalogue products to design and build machinery and components tailored to unique customer requirements.
- **Leadership in Mechatronics, Robotics and Automation:** Italy is a world leader in integrating mechanical engineering with electronics and intelligent computer control, ranking sixth globally and second in Europe for annual industrial robot installations.
- **Robust Innovation Ecosystem:** this industrial success is underpinned by a dynamic and collaborative innovation ecosystem. Italy benefits from a network of specialised industrial clusters, leading R&D centres and world-class universities that produce a formidable talent pool, with more than 40,000 graduates in engineering and related disciplines each year.

Within this broader industry, several sub-sectors offer expertise and product portfolios directly relevant to Australian mining operations. As highlighted by industry associations such as ANIMA (Federation of 34 Italian Associations of Mechanical and Engineering Industries), these segments and specialisations include:

- **Machinery & Mechatronics:** the cornerstone of the Italian industrial base, this sector comprises over **18,000 enterprises**, making it the largest in Europe by number of companies and second in the EU for added value, workforce size and export value.
- **Fluid Power Equipment & Components:** the presence of a dedicated industry association for this sector reflects Italy's deep national expertise in hydraulic and pneumatic technologies—the lifeblood of heavy mobile mining equipment.
- **Power and Motion Transmission Systems:** this sector supplies the critical gearboxes, drives and motors that power the entire mining value chain, from excavator travel drives to the vast conveyor systems that transport material across mining sites.
- **Microelectronics and Electronics:** Italy ranks among Europe's leaders in the number of enterprises specialising in electronic components and boards. This capability forms the foundation for advanced sensors, controllers, PLCs and embedded systems essential for the automation and digitalisation of mining equipment.

An industry that **exports nearly 70% of its output** cannot succeed without designing products to meet a wide range of stringent international standards, including API, ISO and IEC, while also providing the after-sales support expected by international clients.

For Australian procurement teams, this offers strong confidence that Italian machinery and equipment will meet – or can be readily adapted to – local Australian standards and that the supplying companies have the experience and capability to serve as reliable long-term partners.

The 2024 Memorandum of Understanding between the European Union and Australia on a strategic partnership for sustainable critical and strategic minerals, together with the ongoing negotiations for a comprehensive *EU–Australia Free Trade Agreement*, represents a significant potential catalyst for this mutually beneficial relationship. Such an agreement would likely reduce tariffs and other trade barriers, making Australian mining commodities more competitive in the less volatile EU market while enhancing the cost-effectiveness of high-quality Italian technology.

The first Italian government stand at IMARC showcases six Italian companies, three attending in person and three represented by ITA Sydney, demonstrating Italy's long-established passion and genius for engineering.



DIEMME SOIL WASHING designs, manufactures and installs **soil washing plants** and **filter-presses**.

The company developed innovative projects in design, development and construction of filter presses and technologies, which are widely used in the mechanical dewatering of mineral concentrates downstream of the extraction process, as well as in the tailings dewatering in order to recover process water and eliminate environmental risks associated with the collapse of lagoon basins. The integration of filter press technology into the mining engineering framework marks a transformative step towards more **efficient and sustainable** practices.

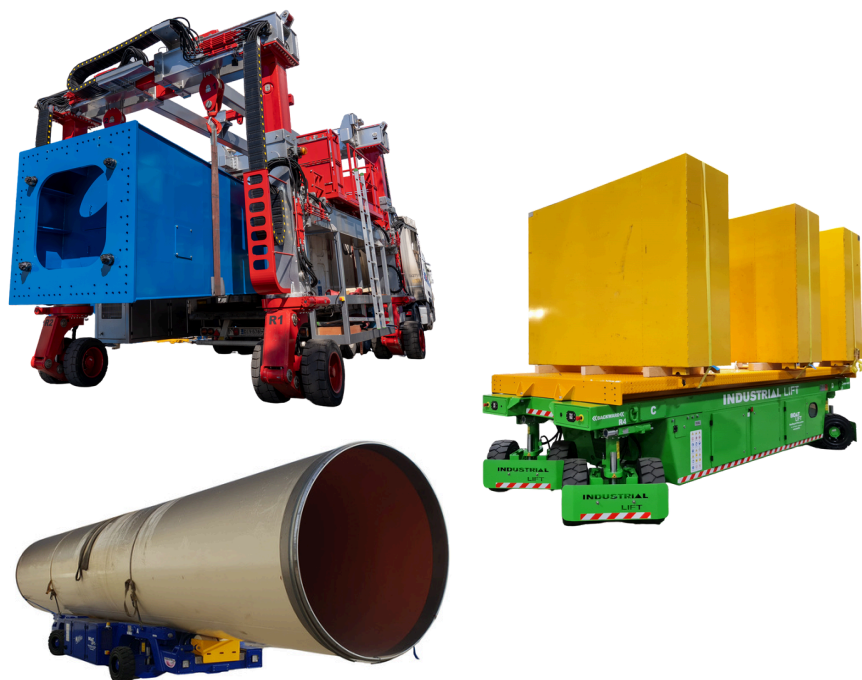
DIEMME SOIL WASHING Srl is a reality established in 2011 by the reorganization of DIEMME S.p.A., Italian company of the Melandri family with almost 100 years of operating experience in the sectors of solid-liquid separation technologies, filter presses and reclamation treatment plants on the national and international scene.

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INDUSTRIAL LIFT, a brand born from the proven expertise and engineering excellence of BOAT LIFT, is a leading manufacturer of **advanced lifting and handling systems** for heavy-duty industrial applications. With a reputation built on precision, safety and innovation and drawing on decades of experience in mechanical engineering and lifting systems, INDUSTRIAL LIFT offers a comprehensive range of gantry cranes and self-propelled trailers that ensure reliable, safe and efficient handling of large and complex loads. Every solution is developed in close collaboration with clients, allowing to deliver **highly customised equipment** that performs in even the most demanding environments and across a wide range of industries including precast concrete, mining, steel, logistics, energy, defence and nuclear sectors. What sets INDUSTRIAL LIFT apart is the full-cycle approach – from initial engineering consultation and bespoke design to manufacturing, on-site installation and after-sales support.

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SERIE BFH



SERIE EHT



MicroPi develops and markets electronic equipment for the industrial automation, power conversion and IT sectors. MicroPi cooperates with companies that install and market **cathodic protection systems** for: underground tanks, metal structures, gas and water distribution pipelines/networks, wastewater pipes, remote control and data logging, control cabins and measurement points and with gas and water distribution plant managers.

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IDROMECCANICA RAMTEC is a manufacturer specializing in high-quality demolition attachments. IDROMECCANICA RAMTEC product line includes **hydraulic breakers** suitable for carriers up to 50 tons offering exceptional power-to-weight ratios, minimal maintenance requirements and maximum impact energy. **Hydraulic plate compactors** and **pile drivers** compatible with machines from 1 to 20 tons are engineered to deliver consistent ground compaction performance. RAMTEC also provides a wide selection of **hydraulic shears, crushers, pulverizers, demolition grabs** covering machine weights from 1 to 150 tons. Additionally, RAMTEC offers a line of **hydraulic electromagnets** available in versions with chain, top plate, teeth capable of operating with carriers up to 40 tons. IDROMECCANICA RAMTEC also developed an effective **dust suppression water cannon** that can reach a distance of 30 meters. Beyond complete attachments, RAMTEC manufactures over 6,000 **replacement parts** compatible with leading brands of hydraulic breakers on the global market. RAMTEC is also able to manufacture **custom mechanical components** based on technical drawings or samples.

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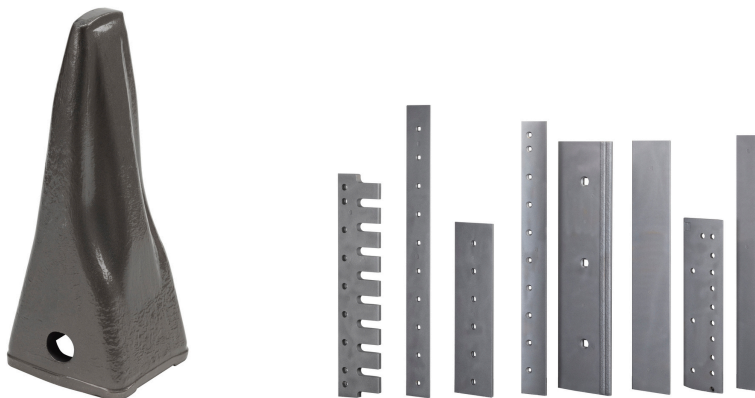


9dot is a company specialising in the design and production of **intelligent power systems** for mission-critical infrastructure, engineered to optimize energy consumption, ensure system reliability and enable remote control of distributed sites for sectors such as mining, energy, telecommunications and smart cities. 9dot's smart power platforms are proudly **Made in Italy**, combining precision engineering, robust design and intuitive software. Mining operations often face extreme conditions, unstable power supply and limited technical support on site. 9dot systems are built to overcome these challenges by offering modular, scalable and remote-managed solutions that reduce the need for on-site maintenance. Our platforms integrate seamlessly with hybrid power sources such as solar panels, batteries and gensets. nCore Lite is a compact and modular **DC power distribution system** designed for off-grid and edge installations. It allows operators to monitor real-time energy usage, configure and protect each output channel and control power flows remotely via an intuitive web interface. Gigasync is a **modular power system** that supports up to 12 output ports. It can function as both a PoE injector and a direct terminal output.

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ITALRICAMBI is a brand well-known in the mining and earth-moving sectors worldwide, since the company TOUGH COMPONENTS SRL exports 90% of its products. We supply a wide range of **premium wear parts, Made in Italy**, for **dozers, loaders, excavators** and **graders** suitable for the most-demanding field conditions. More precisely:

- **forged ripper teeth** and **shanks, adapters, protectors, cutting edges** and **end-bits** for Caterpillar and Komatsu dozers.
- **forged tips** and **adapters, base, bolt-on cutting edges, half-arrow edges** for loaders.
- **forged tips** and **weld-on adapters** and **hooks, base edges, wear shrouds, side cutters, weldable wear strips** for excavators.
- curved and flat cutting edges, serrated blades for graders.

Our offices and plant have been based in Northern Italy since 1962, where we use Italian and European best steel to serve major OEMs and after-market as well. All manufacturing processes, cutting, drilling, heat-treatments, painting, quality control, are made in-house and followed by our specialised personnel. The automated forging process guarantees superior performance to our ripper teeth and tips on field. Forged parts, in comparison with cast parts, are more reliable, have a better impact and response to heat-treatment, higher strength, no solidification defects and a much longer life span.

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About ITA Sydney

The Italian Trade Agency is the government agency responsible for promoting foreign trade and supporting the internationalisation of Italian companies. The Sydney Office is the official representative in Australia and New Zealand. Our mission is to foster and strengthen trade and business relations between Italy and Australia/New Zealand, as well as to attract foreign investment into Italy.

Trade with Italy

Interested in importing from Italy?

[Email us](#) and add your company details to our database – free of charge – so we can connect you with trade opportunities from Italy as they arise.

Invest in Italy

Have you ever considered investing in Italy?

We can help you explore a wide range of investment opportunities and incentives available across various industries. We'll connect you with the relevant Italian government stakeholders who provide free consulting services to guide and assist you step by step in establishing and growing your business in Italy. [Email us](#) now.



Your passport to Italian excellence

OpportunItaly is a business acceleration programme designed to foster commercial connections between international buyers, distributors, entrepreneurs and Italian companies through digital business matching services and content focused on the strategic sectors of Made in Italy. The [OpportunItaly Buyers Club](#) offers international buyers a set of benefits, including the opportunity to meet Italian companies at major global trade fairs with the support of ITA's local trade analysts and request priority access to receive invitations to visit with ITA the main Italian trade fairs.



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