



COMPANY
PROFILE

**A COMPLETE RANGE
OF CONSUMABLES
AND SERVICES
FOR WELDING,
MAINTENANCE,
AND CLADDING**

For over forty years, DAIKO has been a benchmark in the supply of welding consumables, offering high-quality solutions that meet the most stringent standards required by key industrial sectors.

The development of our extensive range of welding and cladding consumables — including covered electrodes, rods, solid and flux-cored wires, strips, and fluxes — is the result of targeted engineering, rigorous validation testing, and the careful selection of special alloys, carried out in close collaboration with the most qualified manufacturers worldwide.

Special emphasis is placed on corrosion-resistant alloys, with a dedicated focus on nickel-based alloys, where our flagship product, DAIKOW 625, stands out for its exceptional performance and reliability. In addition to product quality, DAIKO ensures logistical efficiency and fast delivery times thanks to modern, spacious, and digitalized warehouses, fully integrated with management systems to guarantee traceability, continuity, and timely supply.

Over time, the company has expanded its commitment by developing a dedicated line of consumables and services for industrial maintenance, offering innovative products and customized technical solutions designed to extend component life, reduce maintenance costs, and boost productivity through advanced welding, brazing, and hardfacing technologies.

We offer versatile, high-performance solutions for a wide range of applications: from arc welding to brazing, from thermal spray processes to PTA and laser cladding, up to the supply of clad plates and custom-made components. Advanced technologies designed to ensure maximum efficiency even in the most complex plants and the most demanding environments.

Today, DAIKO is a solid, reliable, and globally recognized partner, chosen by leading customers in sectors such as oil & gas, chemical, petrochemical, pressure vessel manufacturing, and valve production, as well as in material recycling, industrial processing, and waste treatment, where maximum durability and reliability of consumables are essential.



**Discover the Excellence of
DAIKO Products!**
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and watch our factory video



DAIKO is the trusted partner for companies aiming to make their welding processes more efficient, safe, and competitive. Our solutions are designed to ensure optimized lead times, reduced operational costs, and maximum quality of results, actively contributing to improved performance and productivity for our clients.

OUR VALUES

At DAIKO, quality is never a standalone element, but the result of a harmonious combination of factors. It originates from the technical excellence of our products — the result of continuous research, careful material selection, and strict quality controls — and extends to every phase of the process: from operations management to logistics, from supply traceability to the accuracy of technical documentation, supported by attentive after-sales service. This integrated and structured approach allows us to deliver consistent performance, maximum reliability, and tangible support, even in the most complex applications



SUSTAINABILITY

01 DAIKO has always been committed to protecting the health and safety of its employees and safeguarding the environment. We view sustainability as a strategic priority: for us, it means meeting today's needs without compromising the resources of future generations, by integrating the entire life cycle of products and services into our business management. We adopt a structured and responsible approach, capable of balancing risks and opportunities while generating economic value in full respect of the environment and the communities in which we operate. To strengthen this commitment, DAIKO has adopted the most rigorous international standards: ISO 9001, 14001, and 45001. We have set concrete and ambitious goals: to offset 100% of our electricity consumption with renewable energy by 2028 and to achieve Carbon Neutrality by 2035 — a clear path toward a more sustainable future.

AUTHENTIC PARTNERSHIP

02 DAIKO's approach to customer needs considers all aspects of the supply, in addition to those strictly related to the technical characteristics of the product. Our precise document quality management and reactive logistics make us a partner you can refer to. DAIKO is able to carry out, in collaboration with the main third parties, mechanical and chemical characterizations and to intervene in the production phase on the basis of the customer's specifications. DAIKO technicians are also able to help the customer in the feasibility analysis and in identifying the best solutions.

TECHNICAL EXCELLENCE

03 All the solutions that fall within the range of DAIKO welding consumables are developed with the precise objective of guaranteeing the best performance in the production and chemical-mechanical performance fields. Products made in state-of-the-art plants and on proprietary specifications leave no room for commercial compromises but rather only expressions of technical excellence. The corrosion resistance, mechanical characteristics and weldability of DAIKO products are in fact at the top of the market and fear no comparison.

REACTIVITY

04 Aware of the difficulties of complex production processes, DAIKO offers the customer not only a complete range of welding solutions but also a unique availability of materials. The stock of materials ready for delivery places DAIKO at the top of Europe for availability and delivery flexibility. Through the two modern hubs, our logistics is able to effectively and quickly manage all national or international procurement needs.

INNOVATION

05 Quality in raw materials and production processes combined with continuous research are the basis of DAIKO's approach. The evolution of welding systems and the development of basic materials requires continuous innovation of the characteristics of the consumables and frequent discussions with our customers. Through rigorous tests and partnership programs with the best steel mills, DAIKO transfers the precise desire for continuous improvement to its products. The DAIKO technical department, working for years in close contact with the best steelmakers, has developed a profound product experience that has allowed our Nickel alloys to become an industrial reference point.



DAIKO is an Italian excellence, synonymous with a passion for technical quality and customer focus. Over the years, it has established itself internationally, earning recognition and trust through its core values and unwavering commitment to delivering reliable, tailor-made solutions.

WELDING CONSUMABLES



EFFECTIVE SOLUTIONS FOR EVERY JOINING AND CLADDING NEED

Corrosion Resistant Alloys SPECIALIST

DAIKO's range of welding and cladding consumables is the result of a continuous commitment to quality excellence and achieving the highest chemical and mechanical performance, in line with top international standards.

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Thanks to precise engineering developed over decades of field experience and rigorous validation testing, our consumables stand out for their reliability, consistency, and application versatility, even in the most demanding environments.

DAIKO has long specialized in corrosion-resistant and nickel-based alloys, areas in which the company has earned an internationally recognized reputation, helping to redefine industry benchmarks for filler materials.

Our product range includes solutions designed to meet all joining and cladding needs, ensuring high performance, long-term durability, and full compliance with industry regulations — from oil & gas and chemical sectors to power generation and recycling.



ON THE CUSTOMER'S SIDE

Every customer has specific needs, shaped by their unique production, commercial, and logistical context. DAIKO places great emphasis on understanding these often-overlooked aspects, offering tailored and targeted solutions based on real operational requirements.

Within our extensive product range, you'll find options suitable for virtually any welding application and specification. Get in touch with us — our team is ready to help you identify the most effective solution for your process.



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WELDING CONSUMABLES

THE BENCHMARK FOR HIGH-PERFORMANCE NICKEL-BASED ALLOYS

Corrosion Resistant Alloys SPECIALIST

A long-standing specialist in corrosion-resistant and nickel-based alloy applications, DAIKO has redefined industry standards with its DAIKOWM 625 wire.

The outstanding performance of DAIKOWM 625, backed by decades of hands-on experience, is recognized worldwide by the most demanding users:

- Fully compliant with AWS A5.14, ERNiCrMo-3
- Strict chemical composition control for each production batch
- Iron content $\leq 0.5\%$

DAIKOW 625 is engineered to closely replicate the composition and properties of Inconel® 625, renowned for its exceptional resistance to general corrosion, pitting, crevice corrosion, and chloride-induced stress corrosion cracking, even in extremely aggressive environments.

It offers high quality and consistent weldability, making it particularly well-suited for highly corrosive and high-temperature environments typically found in the oil & gas, chemical, petrochemical, and power generation sectors.

The wire is widely used for welding alloys such as Inconel® 625, 825, 25-6MO, Incoloy 800/800H, as well as for cladding operations on austenitic and superaustenitic stainless steels, 9% Ni steels, and other high-alloy grades like 254SMo, 904L, and Hastelloy G/G3.

“DAIKOWM 625 is the perfect solution for GMAW wire welding, ideal for high-quality joining and cladding on industrial components. It delivers maximum performance in automated and robotic applications, ensuring precise deposition, high reliability, and consistent operational continuity.”



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DURABLE SOLUTIONS FOR EVERY MAINTENANCE AND HARDFACING NEED

Innovative Consumables for Maintenance

Consumables and solutions for industrial maintenance. Repair, protection, and regeneration of worn components. Advanced technologies and technical support for maximum operational efficiency.

DAIKO offers a comprehensive range of consumables for welding, brazing, and powders for thermal spraying, PTA, and laser cladding, specifically designed to meet the needs of industrial maintenance. In a sector where the reliability of solutions is crucial to ensuring operational continuity, production efficiency, and cost optimization, our consumables are engineered and refined for the repair of mechanical components subject to wear or damage, used across a wide variety of industrial contexts.

Over time, DAIKO has refined a line of highly specialized products for the creation of hard-facing overlays, heat-resistant claddings, and anti-wear coatings, ideal for protecting and restoring critical components such as screws, rollers, blades, hoppers, cutting tools, molds, shafts, and valves. These solutions are particularly effective in equipment exposed to severe mechanical stress, abrasion, erosion, or high temperatures, and are widely used in wood, plastic, and waste recycling industries.

Through an integrated range of consumables and services, DAIKO offers tailor-made solutions that help customers extend the service life of components, reduce downtime, cut maintenance costs, and increase overall plant productivity.

“ All of this is made possible by a winning combination of advanced technologies — including welding, brazing, and hardfacing — supported by the deep expertise of DAIKO’s technical team and its ability to deliver specialized application support, even in highly demanding and complex operating conditions. ”



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**MAINTENANCE
SOLUTIONS**

TAILORED SOLUTIONS, DESIGNED AND MANUFACTURED ACCORDING TO CUSTOMER SPECIFICATIONS

For the Maintenance
of Industrial Plants

**MAINTENANCE
SOLUTIONS**

Custom solutions for industrial maintenance.
Clad plate components and restoration of worn
mechanical parts. Technical consulting, specialized
interventions, and high-performance materials.
To reduce downtime and boost productivity.

With over forty years of experience, DAIKO has become a trusted partner in the development of customized solutions for industrial maintenance. In particular, we are able to manufacture wear-resistant clad sheet metal components built to customer specifications, such as pipes, bends, cyclones, housings, and fans, designed for use in high-wear environments and under demanding operating conditions.

We also offer a comprehensive service for the maintenance, reconditioning, and rebuilding of worn mechanical components, including shredders, crushing mills, impellers, hard-faced knives, and screw conveyors, using advanced welding technologies and high-performance selected materials.

Our approach is based on dedicated technical consulting, supporting the customer through every stage of the process — from needs analysis to co-design, manufacturing, and commissioning. This allows us to adapt every intervention to real operating conditions, maximizing efficiency, durability, and reliability of the repaired components.



“ Flexibility, responsiveness, and attention to detail are the core values that guide us in providing accurate and competent responses, even to the most complex challenges — actively contributing to reduced downtime and improved industrial productivity. ”



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WELDING CONSUMABLES



INTEGRATED PRODUCTION CONTROL

At DAIKO, we fully understand our customers' priorities: having access to high-performance, reliable, and consistently dependable products. That is why quality has always been one of our core objectives.

We dedicate the utmost attention to every stage of the production process, carefully monitoring all aspects that influence the manufacturing of high-performance welding consumables. We have established, documented, and maintain a Factory Production Control (FPC) system in accordance with EN 13479, to ensure that every product placed on the market complies with the declared performance of the essential characteristics.

Through an integrated production control approach, we have developed an organizational system that places continuous improvement at the heart of every activity. Our FPC system includes operational procedures, regular inspections, systematic testing and evaluations, enabling us to effectively control raw materials, incoming goods, equipment, production processes, and the final product.

As further confirmation of our commitment to quality, we are recognized as a qualified manufacturer in accordance with the VdTÜV-Merkblatt Schweißtechnik 1153:2017 standard.

QUALITY ENVIRONMENT HEALTH AND SAFETY

In a global context where quality, safety, and sustainability are essential requirements, DAIKO is committed to ensuring a production process that meets the highest international standards.

We believe that customer trust is built through transparency, reliability, and responsibility. That's why we continuously improve our operational practices, placing product quality, people's safety, and environmental respect at the core of our activities.

It all begins with a rigorous selection of raw materials, prioritizing suppliers who share our values in terms of quality and sustainability. All materials undergo thorough testing to ensure compliance with applicable regulations and international standards.

Throughout the production process, we apply an integrated management system that monitors every phase, ensuring that each product fully meets technical and safety specifications. Our personnel receive regular training on safe work practices and quality control procedures, so that every team member actively contributes to maintaining high standards of excellence.

DAIKO is also strongly committed to protecting the health and safety of its employees and to preserving the environment. For us, sustainable development means meeting today's needs without compromising those of future generations. We adopt a life-cycle approach to our products and services, balancing risks and opportunities with a long-term perspective.

We believe that continuous improvement is only achievable through structured management and a clear strategic vision. In this spirit, DAIKO follows the principles and requirements of ISO 9001, ISO 14001, and ISO 45001 standards, ensuring quality, environmental responsibility, and occupational health and safety.



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