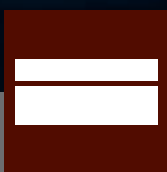


75 YEARS VAUTID

1945-2020

VAUTID®



PIONEERING WEAR PROTECTION

DELIVERING THE HIGHEST STANDARDS IN METAL-BASED WEAR PROTECTION – AND PIONEERS IN OUR FIELD. VAUTID HAS BEEN CONSTANTLY DEVELOPING NEW, INDUSTRY-LEADING WEAR PROTECTION SOLUTIONS FOR OUR CUSTOMERS FOR 75 YEARS.

75 years of VAUTID – a great reason to celebrate!

VAUTID is a large enterprise with a long tradition. We at VAUTID are proud to call our company the pioneer of wear protection. In fact, without VAUTID our sector would probably not exist in its present form.

The business was established in Stuttgart in 1945. It was founded by Dr. Ing. Hans Wahl as an engineering office providing consultancy services on wear-related issues to industrial companies and associations. The years that followed saw the emergence of the science of “tribology” as a means to solve wear resistance problems, and the development of the “high shelf/low shelf” curve as a means of determining the behavior of materials in a wear resistance context. Today both these areas of study form part of the standard engineering training curriculum.

VAUTID was first to market with numerous new and unique developments. These included Europe’s first chrome carbide electrode rods, composite (bimetal) cast components, and high-speed welding wire. The company grew steadily as a result of these innovations.

Recent years have witnessed a further expansion of the business, including the establishment of subsidiary companies abroad. Today the company continues to grow its business. VAUTID is active across the globe, with locations in China, India, South America and North America, as well as a strong distributor network.

Still leading the way in 2020: VAUTID GROUP and UP GROUP combine their strengths, creating the world’s number one provider of wear protection solutions.



Who is VAUTID?

VAUTID is one of the world's leading manufacturers of high-quality metal-based wear solutions for machinery and equipment in a wide range of industries.

Our brand has a long tradition. We have now been pioneering wear protection solutions for 75 years. This is a source of great pride for us, and we continue to work with our customers to carry this success forward into the future.

What is wear protection?

VAUTID FOR EQUIPMENT MANUFACTURERS AND USERS

VAUTID system solutions are designed for industrial plant and machinery used in mechanical process engineering. We can equip new installations, retrofit wear protection and refurbish components at risk of wear.

To meet this need, VAUTID plans, develops and manufactures a comprehensive range of wear protection solutions. Our customer-specific VAUTID designs are fine-tuned technically and commercially to guarantee sustainable, efficient operations.

VAUTID CONSULTANCY AND DESIGN

Our aim is to create the very best solutions for reducing wear in plant and machinery, from initial installation to ongoing maintenance. With this in mind, VAUTID engineers study the demands placed on the equipment. Then they produce a verified analysis and develop designs for components at risk of wear. These parts can then be protected against wear, corrosion or heat by selecting from VAUTID's range of highly specialized materials. This is how VAUTID know-how drives down wear costs and ensures maximum service life.

The background of the lower half of the page is a photograph of a modern industrial building. The building has a white facade with vertical red stripes and large windows with red shutters. A large red rectangular sign with the white VAUTID logo is mounted on the building's exterior.

VAUTID®

For more information on our products and services, take a look at our website and get in touch with our team of experts. We'll be happy to offer our advice based on your specific application requirements.

For Sales in Germany: Tel: +49 711 4404 – 401

For Sales in Europe: Tel: +49 711 4404 – 403

➤ More Sales contact details can be found at www.vautid.com





VAUTID deposition welding materials



THE ADVANTAGES:

VAUTID deposition welding materials can be laid down very quickly. They offer a remarkably cost-efficient on-site solution to a wide range of wear problems. So that we can tackle the specific requirements profile of each and every application, VAUTID offers deposition welding materials in a variety of raw materials, alloys and grades. These include deposition welding materials for hard-facing, plus stainless welding consumables and welding consumables for weld repair, as well as special materials. These are available as welding electrodes and also as cored wire.

“VAUTID deposition welding materials deliver cost-efficient, long-lasting protection”

APPLICATIONS:

Typical applications for VAUTID deposition welding materials include the surface protection of mixer tools and grinder rolls, hard-surfacing bucket teeth, deposition welding on fan blades, and hard-surfacing bucket-chain excavators and sinter crusher wheels.



VAUTID composite wear plates



THE ADVANTAGES:

VAUTID composite wear plates are extremely wear-resistant and durable. The deposition layer can be adjusted to suit the application, which means the plates can be installed very easily. For example, plates can be fitted by welding or screwing them into place from the reverse side. VAUTID composite wear plates are available in a vast array of sizes and grades. Components can be produced to drawing by profile cutting. These parts can then be cold-formed or hot-formed, providing an extremely cost-effective and rapid solution in a wide range of sectors and applications – indeed, in any situation where the wear resistance solution has to cover a large surface area.

“VAUTID composite wear plates are extremely durable and can be fitted individually”

APPLICATIONS:

VAUTID composite wear plates are mainly used when wear protection is required over a large area without a supporting substructure. They guarantee maximum operational reliability even under the most demanding mechanical conditions, such as those seen in sieves, bunker linings, mill linings, vibratory feeders, fans, housings, mixers, cyclones and separators.





THE ADVANTAGES:

VAUTID cast components represent the most cost-effective wear protection solution for larger volumes. Cast products are produced in weights ranging from 2 kg to 30,000 kg, and are manufactured in a wide variety of materials to suit the specific application. Processes used include sand casting, ceramic molding, shell molding, and lost foam casting.

The use of modeling and computer simulation techniques combined with extensive analysis processes ensures optimal quality in each component. Furthermore, we can mechanically process VAUTID cast products right in our factory to any level of accuracy required.

“VAUTID cast components are the most cost-effective wear protection solution for larger volumes”

APPLICATIONS:

Thanks to streamlined production methods and stringent quality control procedures, VAUTID wear-resistant castings offer first-class wear protection in a whole host of process engineering industries. Typical mechanical process applications include crushing, mixing, conveying, storing, agglomerating and separating.

Components made from compound castings are a VAUTID speciality.

This technology combines different casting materials within a single component. The various melts are poured one after another into different sections of the mold. They then solidify together. A firm bond forms between the different casting zones. When different materials are required in different sections of the same casting, this method meets the need and avoids any compromise.

“In larger plant installations, it’s common to have a variety of different requirements and applications. VAUTID is able to offer its customers tailor-made solutions that use some or all of our various wear protection options – a distinct advantage that we have over our competitors.”



VAUTID GROUP and UP GROUP. On-site worldwide

As a global Group, UP and VAUTID have their own sales organisations, with their own research laboratories, on every continent around the world. In our worldwide organisation, some 800 employees from more than 20 countries combine their efforts with a network of sales specialists for a single purpose – finding the perfect wear solutions for our customers.

Please visit our website for details of VAUTID and UP subsidiary companies and distribution partners in your region – we'll be delighted to help you!

► WWW.VAUTID.COM

► WWW.UPPLATE.COM



HARDFACING MATERIAL



WEAR PLATES



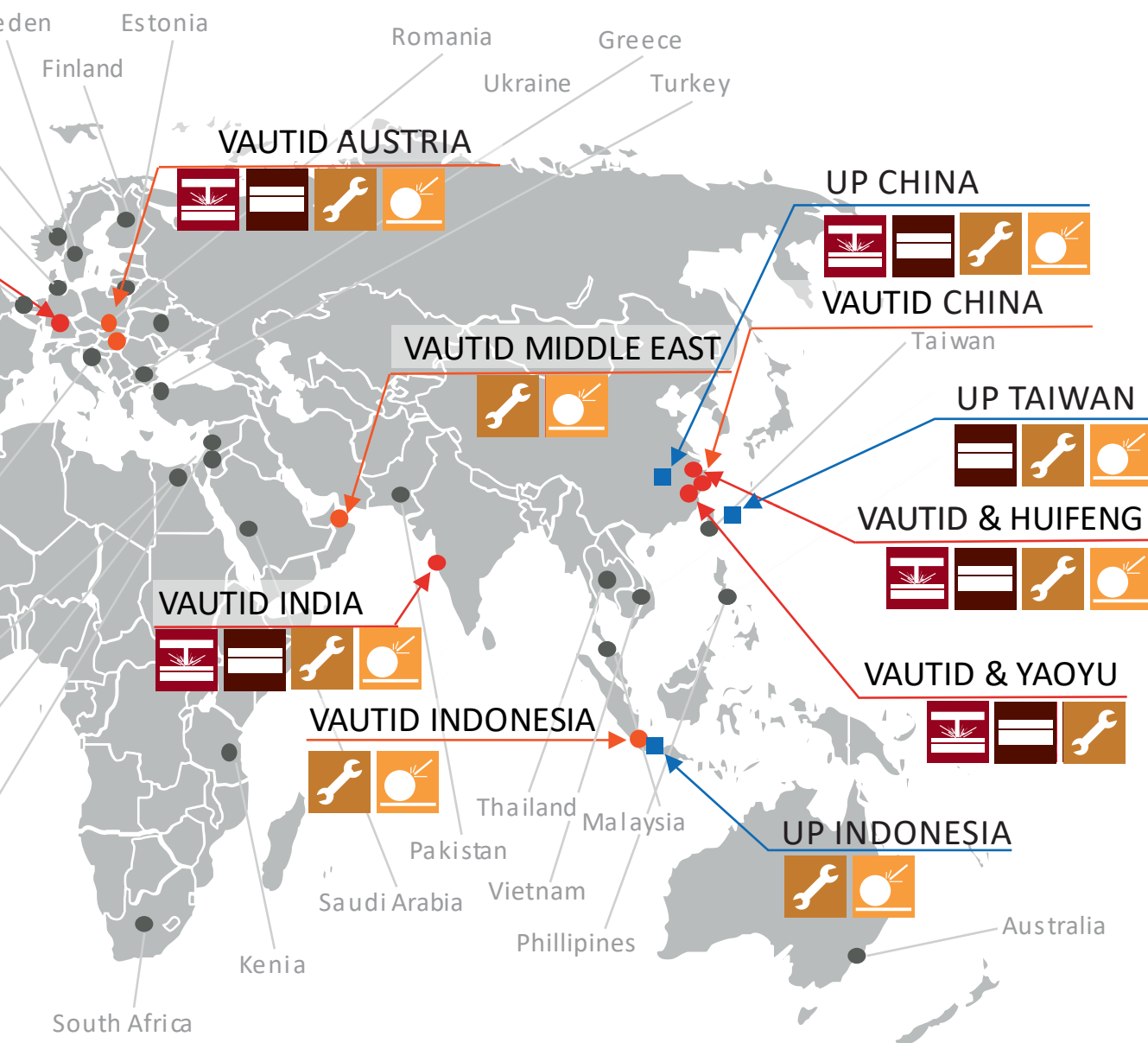
CAST PRODUCTS



HARDFACING SERVICE



APPLICATION ENGINEERING



“Our closeness to our customers and our outstanding specialist know-how, our local production facilities and the benefits they bring – these are powerful advantages for operators and manufacturers of plant and machinery around the world.”

VAUTID GROUP. On-site worldwide

Security comes from working with a strong partner. Through its subsidiaries and representatives, the VAUTID Group is present in over 40 countries. Around the world, VAUTID employees and sales specialists strive toward the same ambition – tailor-made system solutions that deliver the highest standards of wear protection.



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