

VAUTID®



Wear protection from one source

360° Wear Protection

Innovations start in Germany



Production of tubular wire in Ostfildern-Ruit



One of the most modern plants for surface-covering build-up welding of composite wear plates is located in Wendlingen near Stuttgart



Coal dust engine from 1934



Dr.-Ing. Hans Wahl company founder VAUTID



Dr.-Ing. Thomas Krämer-Wasserka Managing Partner since 2007



Team-work is the source and the motor of numerous innovations at VAUTID

Tradition with Innovation

VAUTID originated from research more than 60 years ago.

The founder of our company, Dr.-Ing. Hans Wahl, was commissioned with the development of a coal dust engine in 1934. The acquired knowledge about wear interrelations led to the formation of VAUTID Wear Technology, which aimed to offer wear solutions.

Over the following 30 years, a modest engineering office developed into a successful consultancy and manufacturing company for wear protection products and services.

In 1971, Dr. Ing. Wolfgang Wahl took over the management of the VAUTID enterprises from his father and the VAUTID company developed into a globally operating VAUTID Group.

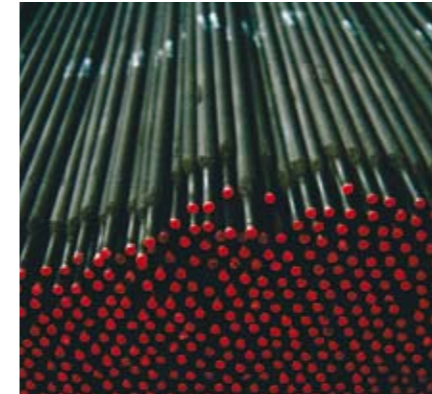
The product range of the VAUTID Group extended from the hardfacing materials to precast compound wear plates and wear-resistant castings. With this product portfolio, the VAUTID Group became the leading company for products and services for wear protection today. Since 2007 Dr.-Ing. Thomas Krämer-Wasserka is the Managing Partner of the VAUTID GmbH, Ostfildern near Stuttgart (Germany).

People make innovations

The employees are the key to the sustainability of our extremely durable products.

Quality assurance and control, research and development in the current fields of metallurgy and nano-cristalline structures rank first and are the incitement of our company.

"I am glad that motivation is increasing throughout the company due to the positive business developments of the past few months. We are making use of the economic boom and developing new markets and areas of application. My objective for the upcoming months, therefore, is the creation of further jobs for highly qualified engineers and specialists. In this process, I would like to build on the experiences of the ›Generation 50 plus‹", said Dr.-Ing. Thomas Krämer-Wasserka.

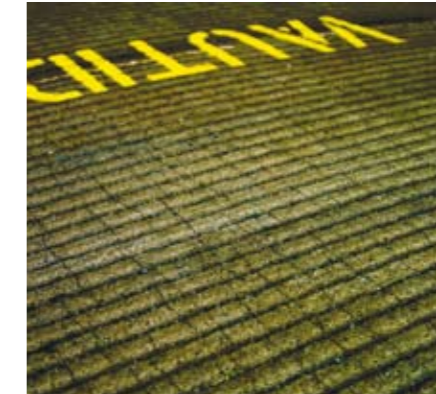


VAUTID hardfacing welding materials

The fast and economic VAUTID wear solution on-site

Hardfacing welding materials are made of many different materials: hardfaced welding materials, rust-free auxiliary welding materials, repair welding additives, special materials. They are available as stick electrodes or tubular wires.

Typical application examples for VAUTID hardfacing welding materials are the coating of mixing tools, hardfacing of excavator teeth, hardfacing of bucket chain excavators and breaking stars for sintering plants.



VAUTID compound wear plates

The operationally safe and all-purpose VAUTID wear protection

Compound wear plates are composite plates which are economically produced using a special deposition welding method for low mixture with the main body and very high melting power, from which parts conforming to the design standards which can be hot or cold formed can be manufactured using plasma cutting, similar to simple structural steels. The fastening can be done by welding on to the back, bolting on or in the same way as with any other welded construction.

VAUTID compound wear plates are used where wear protection without supporting substructure is desired as a self-supporting construction for large areas with high mechanical loads and great operational reliability, e.g. screens, hopper linings, vibration conveyors, fan impellers, casings, mixers, cyclone separators, sifters.



VAUTID stainless steel casting

The right VAUTID cast material for every application

VAUTID stainless steel casting is the efficient wear protection measure for large series. The parts can be manufactured in green sand, CO₂ sand, furan sand, in ceramics and Croning® moulds. Components with weights per unit from 1 kg to 6,000 kg are manufactured at different sites in Europe. The parts can be made using wood, plastic, metal and polystyrol in our own model making. The solidification is determined using computer simulation; the feeder and gating technology is thus optimised.

The following analyses are performed in the course of the quality control: Hardness (HB, HRC, HV, Ecotyp), ultrasonic test, magnetic powder test, structure, tensile strength, elongation, impact bending strength, dimensional check, wear test, corrosion test and oxidation test.

VAUTID® GmbH
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VAUTID®



**The VAUTID Group
operates globally:**

VAUTID GmbH

Ostfildern-Ruit (Germany)

VAUTID-VERSCHLEISS-TECHNIK

Marchtrenk (Austria)

MATELEST-VAUTID S.A.R.L.

Rixheim (France)

VAUTID-BELGIUM PGmbH

Raeren-Eynatten (Belgium)

CRUZ MARTINS & WAHL Lda.

Famalicao (Portugal)

MDF Tramagal

Tramagal (Portugal)

VAUTID NORTH AMERICA

Pittsburgh (USA)

INTERVIAL Cia. Ltda.

Guayaquil (Equador)

ACK-VAUTID Ltd.

Bangkok (Thailand)

VAUTID-SHAH HARDFACE

Mumbai (India)

VAUTID CHINA

Rep. Office Shanghai (P. R. China)

*Central headquarters and central warehouse
in Ostfildern-Ruit near Stuttgart*



*Compound wear plate production by automatic
deposition welding in Wendlingen near Stuttgart*



*Quality management, research and wear
laboratory in Ostfildern-Ruit*

