



Global Wear Management Network with Local Support

Our service centers offer local technical support, while our expertise extends globally.

Our global key industry network combines the resources to solve difficult wear challenges, and our local teams implement the most cost effective and sustainable solutions.



1/UU Employees



10Supply centers



Service centers



Market centers

KUNDENZUFRIEDENHEIT IST DER SCHLÜSSEL

KUNDENORIENTIERUNG

- ► Globale Vertriebspräsenz mit Vertriebsingenieuren, Produkt- und Großkundenmanagern
- ► Konzentration auf die Kundenbedürfnisse: ein Gesicht für den Kunden
- Partnerschaft/langfristige Beziehung: gemeinsamer Wettbewerbsvorteil

GLOBALE INFRASTRUKTUR

► Weltweit verteilte Produktions-/Dienstleistungsstandorte sowie Lager- und Logistikkapazitäten in Nord- und Südamerika, Europa, AME und Japan/Asien



...OUR SOLUTIONS ...OUR EQUIPMENT ...OUR CONSUMABLES

TECHNOLOGIEFÜHRER

Breites Technologiespektrum für alle Verschleißund Verbindungsanwendungen

- Lösungen auf der Grundlage von Dienstleistungskompetenz,
 Verbrauchsmaterialien, Ausrüstung
- ► Komplette Anwendungsentwicklung, Produkt- und Fertigungskompetenz

Solid and cored wires

Electrodes

TIG

COATING

- Laser Cladding
- PTA
- Arc Spray
- HVOF
- Flame Spray
- Ceramic Polymers

WELDING

- MMA
 - MIG/MAGTIG
 - PTA
 - Plasma cutting

Equipment + Consumables BRAZING

- Fluxes
- Pastes
- Rods
- Torches
- Water-based oxyfuel stations



Sustainable development based on increasing efficiency and reducing costs

For over 100 years, our company has been a pioneer in the development and implementation of innovative solutions to industrial wear. Our technologies help customers to extend service life, minimize inventory, reduce unplanned downtime and increase efficiency.













Services

Welding

Brazing

Coating

Equipment

We have transitioned from being a family owned business into **a global company** while maintaining our industry expertise, people focus and our deep rooted belief in **SUSTAINABILITY.**

SUSTAINABILITY / CARBON FOOTPRINT

SUSTAINABILITY/ CO₂ FOOTPRINT

By giving a second life to wormout damaged industrial components, we contribute to the circular economy and reduce the carbon footprint.



OUR COMPANY CULTURE

We will continuously act **ethically** and in a manner that fulfills the expectations of our **environment**, **customers**, **employees** and **shareholders**.



ENERGY SAVING/ COST SAVING

Our surface protection technologies prolong component lifespan, leading to major cost savings because replacement parts don't need to be purchased or stored. Critical industrial components functioning optimally consume less energy.



Innovation



Trust and Safety



Friendly Working Environment

PRODUCT INNOVATION



We launch products & services with limited impact on the environment and safer for the operators: brazing flame without carbon and UVs, no-CMR brazing fluxes, chromefree welding wires etc.



The path to the optimum result consists of more than just a welding equipment and torch. Castolin Eutectic therefore offers you the right filler metal for every task:

EutecTrode Stick electrodes

CastoMag + EnDOtec
Solid and
cored wire electrodes

EcoBraze + GreenFlux
Brazing rods and fluxes

CastoTig
TIG welding rods

Eutalloy + EuTroLoy
Metal powders

MeCaTeC
Polymers for ceramic coatings

We cover everything that welders needs for processing.

All consumables are optimally matched to the high requirements in industry and trade and thus contribute to the perfect result.

Flawless quality is a matter of course for us: Our consumables are manufactured according to predefined specifications and undergo intensive quality assurance.

Manufacture of

Welding consumables

Metal powders

Solders

Fluxes

Polymer-ceramic Composites

Online shop

Everything for welding and soldering

Choose from a wide selection of our high quality Castolin Eutectic products for welding and brazing.



Equipment and Accessories from Gastolin Eutectic

Castolin Eutectic is the specialist for professional equipment and all accessories in the areas of welding, cutting and wear technology. Our equipment provides a technological edge in a wide range of processes, which is characterised by high efficiency, resource conservation and sustainability in welding.

Our wide product range includes equipment for all common processes in repair, maintenance and production:

MMA

POWERmax + XUPERmax

TIG

CastoTIG + UpTIG

MIG/MAG

XuperMIG + XuperArc

Plasma cutting

AirJet

PTA

MicroGAP + EuTronic GAP

Modular Flame spraying systems

SuperJet + CastoDyn

HVOF

CastoJet

Arc spraying

EuTronic Arc Spray

Autogenous technoloy

OHM + OHF

The product range also includes our special assortment of high-quality PPE (personal protective equipment), tools and aids for your welding workplace.

Welding automation

Turnkey complete solutions

Research and development

Health and safety come first

Our worldwide research and development activities focus on:

- Improved consumables with a special focus on resource conservation and health protection
- More efficient coating technologies
- New applications in the field of wear protection

In doing so, we use our broad global application knowledge through new digital tools (TeroLink® application database) and simultaneously develop applications based on Artificial.



- Reduce maintenance costs thanks to the extended service life cycles of protected surfaces
- Increase plant availability by means of longer maintenance intervals for heavily loaded surfaces
- Conservation of resources and protection of the environment through replaceable wear protection components

Wear protection plates and moulded parts

Castolin Eutectic, has become the worldwide leader in Wear and Fusion Technologies for maintenance and repair. One of the big successes achieved is the use of wear plate solutions. Castolin Eutectic is ready to respond to these new global challenges by providing the widest range of wearplates and weartubes on the market today, under the brand name Castodur Diamond Plates® (CDP®).

High Tec Composite Material

These composite materials consist of an easy-to-weld steel plate or tube overlaid with abrasion and erosion resistant alloys by means of arc welding, metal atomised or plasma powder coating. The Castodur Diamond Plates® production units use the latest robotized manufacturing technologies and vacuum fusion techniques to ensure the highest degree of process stability, regularity of anti-wear characteristics and surface finish.

Casto in bes **Wearface-welded tubes and tube constructions**

Preventive protection against abrasion and erosion

- Extremely wear resistant, lightweight and easy-to-join
- Highly cost effective for rapid replacement of worn tubes
- Increase service life, plant availability and process productivity

Partner of the **KEY INDUSTRY**

We know your industry

Recycling



Automotive



Mining



Chemical



Glass



Aerospace



CASTOLIN SERVICES

Unsere Dienstleistungsangebote

Unabhängig mit welcher Art von Verschleiß- oder Reparaturherausforderung Sie konfrontiert sind, unsere voll ausgestatteten und mit kompetentem Personal besetzten Castolin Services Betriebe sind in der Lage, Sie optimal zu unterstützen.

Top ausgestattete Betriebe

Unser Castolin Services entwickelt hochleistungsfähige und innovative Verfahren, um Ihren Aufgabenstellungen gewachsen zu sein. Abhängig von Ihren Aufgaben entwickeln wir für Sie, basierend auf unserem Anwendungswissen, eine

- Notfallreparaturen
- Standardreparaturen
- Verschleißschutzanwendungen
- Herstellung von verschleißgeschützten Bauteilen
- Fehleranalyse
- Spezialverbindungen
- Instandsetzung von Maschinenbauteilen

optimale Lösung und führen die Arbeiten in Ihrem Auftrag in unserem Castolin Services Betrieb oder bei Ihnen vor Ort aus. Castolin Services ist auch in der Lage neue fortschrittliche Verfahren zu entwickeln, um Ihnen am Markt den entscheidenden Wetthewerbsvorteil zu verschaffen.

Service Technologies Our processes and applications

Repair - Recover - Protect

- Mill Coating Services
- Boiler Coating Services
- LaserCladding
- OnSite und InHouse Welding Services
- Polymer Coating Services

Oil and Gas



Steel



Power Generation



Pulp and Paper



Cement



Sugar





Your resource for protection, repair and joining solutions

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