



Brazing Solutions for Car Body Production





voestalpine Böhler Welding

Metallurgical Expertise for Best Welding Results

voestalpine Böhler Welding (formerly Böhler Welding Group) is a leading manufacturer and worldwide supplier of filler materials for industrial welding and brazing applications.

As a part of the voestalpine Group, Austria's largest steel manufacturer and one of the world's leading suppliers of specialized steel products, we are a part of a global network of metallurgy experts.

Our customers benefit from:

- Comprehensive welding and steel know-how under one roof
- Coordinated complete solutions comprised of steel and welding filler metals
- A partner offering maximum economic stability and technological expertise

Customer First

Absolute customer focus is our guiding principle. We see ourselves as a provider of solutions to challenging welding projects. We ensure that our customers get the right filler metals, use them correctly, and that all welding process parameters are adjusted for the best possible performance. We consider it as our responsibility to guarantee that we deliver to our customers, now and in the future, the best possible solutions. We also strive to develop new products, optimize existing products, and streamline processes so as to achieve very short turnaround times. We focus on technologically advanced industrial sectors and provide products that are geared to their specific requirements.

Three Competences – Three Brands

In our efforts to afford our customers the best possible support and promote development in line with specific targets, we have built our core competences within Joint Welding, Repair & Maintenance Welding and Soldering & Brazing.

This way we offer our customers the largest and most comprehensive product portfolio of filler materials within our three brands:

- Böhler Welding
- UTP Maintenance
- Fontargen Brazing



Join Customized Solutions

Tensile strength, surface coating and metal sheet thickness to your requirements

As one of the leading suppliers of brazing consumables for the high-tech international Automotive Industry, voestalpine Böhler Welding offers customized brazing solutions for a demanding market.

Europe, China and Americas are the main markets for MIG and laser brazing of car bodies. As a competent partner for brazing applications voestalpine Böhler Welding serves customers in the Automotive Industry, especially in the production of car bodies. The industry trends are taken into account in product selection and product development:

- Lightweight construction
- Mixed building construction
- Use of high tensile steel types

Rely on a strong Partnership

voestalpine Böhler Welding is involved in many global R&D projects, partnerships with automotive manufacturers and networks with car body fabricators. We are proud to support a wide range of major players in the automotive industry. We provide the technical support required to develop a technical process optimization with the customer as well as choosing the correct brazing consumable and supporting users in its optimal application.



Take advantage of technically proven
and customized products

Applications

We supply products for:

- Joining of the ABC pillars to the roof
- Laser beam or plasma brazing on C-pillar
- Laser beam brazing on the trunk cover
- MIG brazing of the fuel tank tube
- MIG brazing on the structure above the axles and seat rails
- Laser beam brazing on the roof
- MIG brazing of longitudinal traverses

Product solutions

- Copper wires
- Aluminum wires

Services

We provide additional value by offering:

- Process optimization with the customer
- Support at solving and brazing problems
- Training courses for the staff
- Expertise in brazing techniques
- Intensive customer support by our competent internal and external staff

Important benefits for customers

- Solution provider
- Global distribution and sales network
- Broad product range
- Fulfilling special demands
- Engineering support
- ISO 9001 / 14001 Approvals
- AEO Standard
- Deliveries just in time in all packing units
- Financial performance



Delivery form	Alloy Group	Fontargen Product	ISO 24373	
			Numeric	Chemical
Wire electrode	Copper low alloyed	A 200 M	Cu 1879	CuAg1
		A 200 SM	Cu 1898	CuSn1
	Copper-Silicon	A 207 M	Cu 6511	CuSi2Mn1
		A 202 M	Cu 6560	CuSi3Mn1
	Copper-Tin	A 203/6 M	Cu 5180A	CuSn6P
		A 203/12 M	Cu 5410	CuSn12P
	Copper-Aluminium	A 2115/8 M	Cu 6100	CuAl7
		A 2115/5 Ni M	Cu 6061	CuAl5Ni2Mn
A 216 M	Cu 6327	CuAl8Ni2Fe2Mn2		
Filler Rod	Copper low alloyed	A 200 W	Cu 1879	CuAg1
		A 200 SW	Cu 1898	CuSn1
	Copper-Silicon	A 207 W	Cu 6511	CuSi2Mn1
		A 202 W	Cu 6560	CuSi3Mn1
	Copper-Tin	A 203/6 W	Cu 5180A	CuSn6P
		A 203/12 W	Cu 5410	CuSn12P
	Copper-Aluminium	A 2115/8 W	Cu 6100	CuAl7
		A 2115/5 Ni W	Cu 6061	CuAl5Ni2Mn
A 216 W	Cu 6327	CuAl8Ni2Fe2Mn2		

voestalpine Böhler Welding

Welding know-how joins steel

Customers in over 120 countries join the expertise of voestalpine Böhler Welding. Focused on filler metals, voestalpine Böhler Welding offers extensive technical consultation and individual solutions for industrial welding and soldering applications. Customer proximity is guaranteed by 40 subsidiaries in 28 countries, with the support of 2,200 employees, and through more than 1,000 distribution partners worldwide. voestalpine Böhler Welding offers three specialized and dedicated brands to cater our customers' and partners' requirements.



Böhler Welding – More than 2,000 products for joint welding in all conventional arc welding processes are united in a product portfolio that is unique throughout the world. Creating lasting connections is the brand's philosophy in welding and between people.



UTP Maintenance – Decades of industry experience and application know-how in the areas of repair as well as wear and surface protection, combined with innovative and custom-tailored products, guarantee customers an increase in the productivity and protection of their components.



Fontargen Brazing – Through deep insight into processing methods and ways of application, Fontargen Brazing provides the best brazing and soldering solutions based on proven products with German technology. The expertise of this brand's application engineers has been formulated over many years of experience from countless application cases.

forwarded by:

Global Industry Segment Management
Automotive

T. +49 6351 401 0
brazing.automotive@voestalpine.com