In-Depth Know-How

BRAZING SOLUTIONS FOR CAR BODY PRODUCTION

In-Depth Know-How – As a leading brand of soldering and brazing consumables, Fontargen Brazing offers proven solutions based on 50 years of industrial experience, tried and tested processes and methods. This In-Depth Know-How has made Fontargen Brazing an internationally preferred partner for every soldering and brazing task.

voestalpine Böhler Welding
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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, Fontargen Brazing 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 Fontargen Brazing 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

Fontargen Brazing is involved in many global R&D projects, partnerships with automotive manufacturers and networks with car body fabricators. Fontargen Brazing provides 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

Fontargen Brazing supplies 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

Fontargen Brazing provides 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

FONTARGEN NAME	ISO 24373		PROPERTIES	APPLICATIONS
	NUMERICAL	CHEMICAL		
A 202 M	Cu 6560	CuSi3Mn1	Standard wire for MIG brazing. Tensile strength approx. 350 N/mm².	MIG brazing of zinc plated and non coated steel sheets in the structure area of the car body.
A 202 MS	Cu 6560	CuSi3Mn1	Standard wire for laser brazing.	Laser brazing of zinc plated steel sheets on the shell of the car body. Roof and tailgate seam.
A 202 M HS	Cu 6560	CuSi3Mn1	Special wire for laser brazing. Ultrapure and smooth wire surface, therefore excellent gliding and feeding properties. Exact reproducibility of parameter settings. Little to know rework. mproved behaviour during joining of steel sheets with different kinds of zinc copatings.Brazing speed ≥ 4,5 m/min.	Laser brazing of zinc plated steel sheets on the shell of the car body. Roof and tailgate seam.
A 2115/8 M	Cu 6100	CuAl7	Standard wire for MIG brazing. Tensile strength 380 - 450 N/mm².	MIG brazing of zinc plated, aluminium plated or non coated steel sheets in the structure area of the car body.
A 2115/5 Ni M	Cu 6061	CuAl5Ni2Mn	Special wire for MIG brazing. Yield-to-tensile ratio.	MIG brazing of zinc plated, aluminium plated or non coated steel sheets in the structure area of the car body.
A 216 M	Cu 6327	CuAl-8Ni2Fe2Mn 2	High alloyed copper wire. Tensile strength 530 - 590 N/mm².	MIG brazing of high tensile steel sheets.

* Available in rods for TIG brazing.

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