

"In our collaboration with Tigres GmbH, 1+1 adds up to much more than 2"

IAR Group AG from Switzerland, which specializes in automation systems, and Tigres GmbH from Germany, which specializes in plasma systems, are entering into a collaboration. Thus, two leading companies combine their core competences in industrial automation and plasma technology. The aim of the cooperation is to offer automated complete solutions.

"I am very pleased about the collaboration with Tigres GmbH. Thanks to their expertise in plasma technology, we are now able to offer complete automated solutions for the surface treatment of materials to a wide range of industries worldwide," says Sébastien Perroud, CEO of the IAR Group. Timo Landahl, Sales Manager at Tigres, has a similar view: "IAR Group's expertise in automation and robotics complements our offering perfectly. Together we can offer our existing customers high-quality and comprehensive solutions and also open up new markets and customers."

Surface treatment of materials according to customer requirements

Many materials used in the automotive, aerospace, electrical, medical, household appliance, printing, textile and packaging industries are modified with plasma systems from Tigres GmbH prior to further processing. Landahl: "Whether fine cleaning, activating, coating or deburring – with our self-developed solutions and tools in plasma technology, we ensure that materials can be bonded, coated, painted, marked or printed in downstream production processes according to individual customer requirements."

Increased contribution of competencies in automation

The IAR Group brings together three successful companies with many years of experience in the construction of automated special systems. Over the past 45 years, the companies of the IAR Group have built numerous special plants for a wide range of industries, including complex plants for surface treatment and coating of materials. Perroud: "Thanks to our group member Zeugma S.A. in Portugal, we already have know-how in the implementation of plasma technology. The collaboration with Tigres will massively expand this know-how. In addition, we will increasingly contribute our competencies in automation. In our collaboration with Tigres, 1+1 therefore adds up to much more than 2."

"There is enormous potential for automated plasma systems"

Sébastien Perroud and Timo Landahl are convinced that demand for automation systems for surface treatment with plasma technology will increase in the coming years, especially in Western industrialized countries. Perroud: "Competition from the Far East, the shortage of skilled workers and cost pressure are forcing many companies to rethink and optimize processes – there is therefore enormous potential for automated plasma systems." Landahl sees another aspect: "In future industries such as photovoltaics, e-mobility and battery cell production, a wide field is opening up for plasma systems - we can offer these industries intelligent, automated complete solutions."

Further information: <https://plasmaautomation.iargroup.com>

IAR Group AG is an international group of three successful companies operating in the field of industrial automation and robotics. Based in Switzerland, IAR Group includes the following operating companies: Automation Specialist Services LLC in the USA, Bachmann Engineering AG in Switzerland and Zeugma S.A. in Portugal. The latter is known for innovative automation solutions in the packaging industry. Further information: www.iargroup.com

Tigres GmbH has been one of the leading manufacturers of atmospheric pressure plasma systems since 1993. Its system solutions, developed in-house and manufactured in Germany, are used to activate, ultra-fine clean, coat and deburr surfaces in a wide range of industries, including automotive, aerospace, medical, solar technology, printing and packaging. Further information: www.tigres-plasma.de

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