

BILSING AUTOMATION

Customers worldwide:

ABB · AG SIMPSON · ALCAN · ALLGAIER · ALTA METAL A.S. · ARANCIO · ARVIN MERITOR · ASM · ATLAS · AUDI · AUTO KEEN · AVENTEC · BENTELER · BLANCO · BMC A.S. · BMW · BUDD · CADENCE INNOVATION · CANDEMAT · CITROEN · CLAAS FERTIGUNGSTECHNIK · COMAU · COSKUNÖZ A.S. · DAEWOO · DAIMLERCHRYSLER · DENGLER · DIEFFENBACHER · DOVER S.A. · DREHER · EDAG · ELECTROLUX · ERFURT · ESSA · EURALTECH · EXPERT · FAG · FANUC · FATA · FAURECIA · FIAT · FIBRO · FLEX-GATE · FORD · FRANÇOIS MEUNIER · GEDIA · GESTAMP · GKN · GM · GMG · GRAMMER · GRUPO ANTOLÍN · GÜDEL · HELLA AUTOTECHNIK · HONDA MOTORS · HYUNDAI · INGRESS · ISUZU A.S. · JAGUAR · KANATLAR A.S. · KARMANN · KAWASAKI · KIA MOTORS · KRUPP DRAUZ · KUKA · KWD · LÄPPLER · LINDE + WIEMANN · MAGNA · MAGNETTO AUTOMOTIVE · MAN · MANNESMANN DEMAG · MATADOR AUTOMOTIVE · MAYFLOWER · MANZONI · METAL S.A. · MICHELS · MITSUBISHI · MÜLLER WEINGARTEN · NEDCAR · NEFF · NETECH · NISSAN · NSM · OGIHARA · OPEL · OTOKAR A.S. · OTOYOL A.S. · OXFORD AUTOMOTIVE · OYAK-RENAULT A.S. · PAGANELLI · PALEN-CIA · PARI · PEGUFORM · PERODUA · PEUGEOT · PHN · PLASTIC OMNIUM · POLYNORM · PROTON · PSA PEUGEOT-CITROEN · RENAULT · REVOZ · REV-SAN A.S. · SAAB · SAM · SAMEC · SAMI · SCHULER · SEAT · SKODA · SMG · SOFIR · SOLBLANK · STROTHMANN · SUZUKI · TAWESCO · TECHNOCENTRE · THYSSEN KRUPP · THYSSEN NOTHELPER · TOFAS · TOWER AUTOMOTIVE · TOYOTA · TWB · UNIOR · VENTURE INDUSTRIES · VISSMANN · VOEST ALPINE · VOLKSWAGEN · VOLVO · WAGON AUTOMOTIVE · WILCO · WMU

Automation Tooling for Press Shop

BILSING AUTOMATION has established itself as a global leader in the development and manufacturing of modular tooling solutions for the automated press shop. We offer tooling systems for: robot press to press transfer, linear transfer, tri-axis transfer press and crossbar transfer press.

BILSING AUTOMATION offers support to our customers through the planning, designing, engineering, assembly and commissioning stages. Our strength lies in the ability to provide complete tooling solutions for any requirements our customers have. We offer on-site training as part of our service package to ensure the success of our customer's project. BILSING AUTOMATION is dedicated to the continuing development of tooling and tooling systems. Our goal is reduce cycle times, maintain production stability, decrease set up and change over times.

We are constantly striving to reduce the weight of our tooling systems. We are succeeding through the use of light weight alloys and carbon fibre technology.

We continue to strive to produce quality products at a competitive market price.

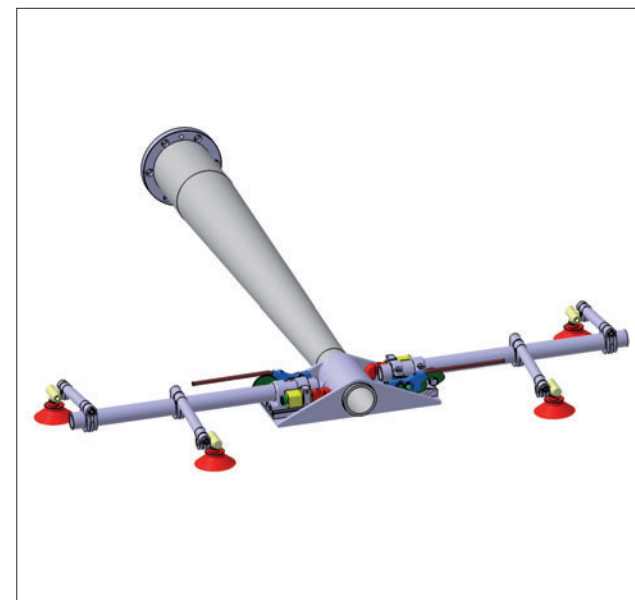
BILSING AUTOMATION'S innovative tooling solutions can provide cost savings for your company!



BILSING AUTOMATION

All advantages at one sight:

- More than 30 years of experience in the automation of presses
- Flexible modular system
- Easy assembly and adjustment
- Only one Allan key wrench size 8 for all components
- Components can be reused after model change
- Short response and delivery times
- Reduction of engineering times, as all components are also available as 3D-solids at www.partserver.com



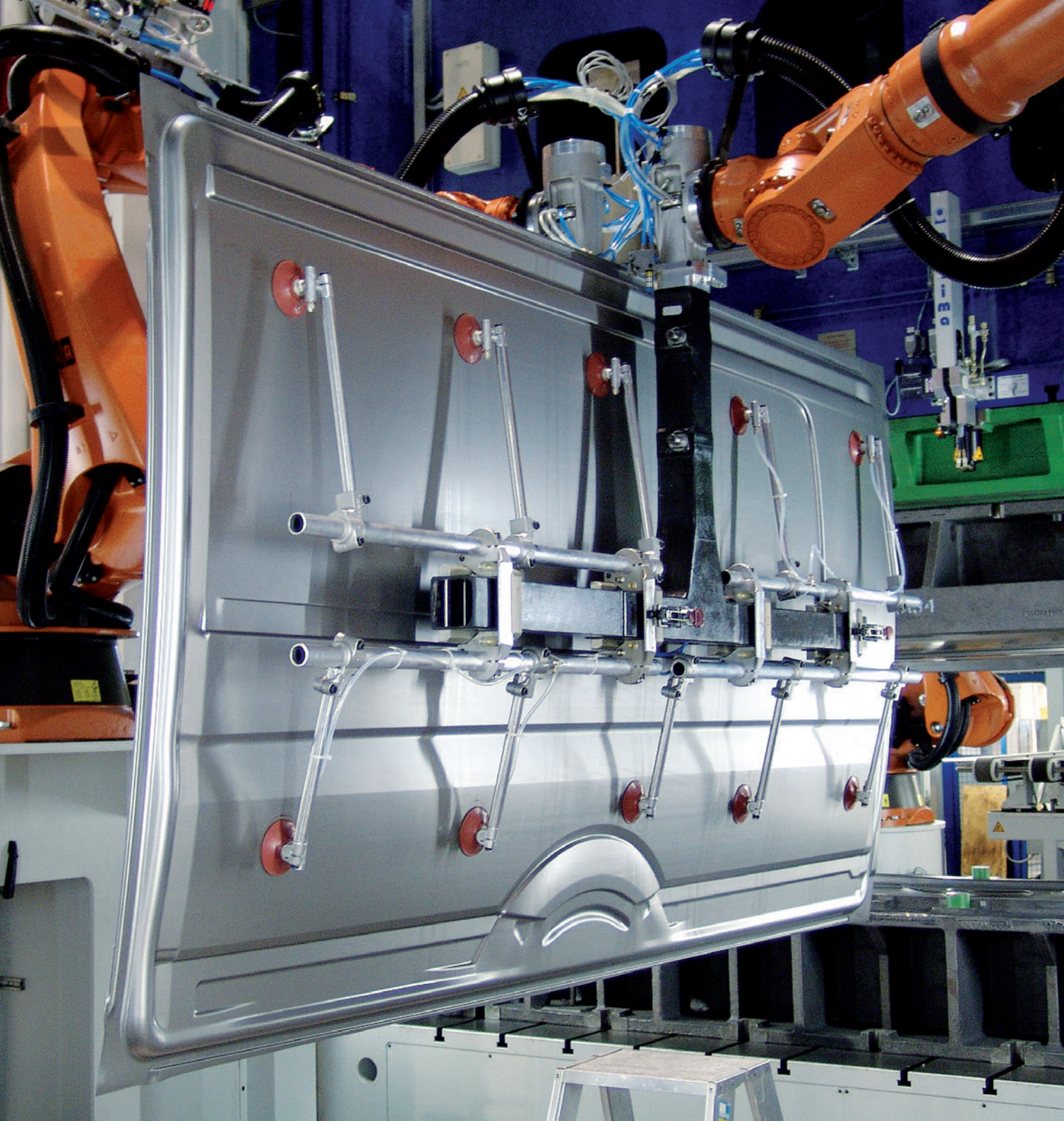
BA BILSING AUTOMATION®

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Automation Tooling for Press Shop

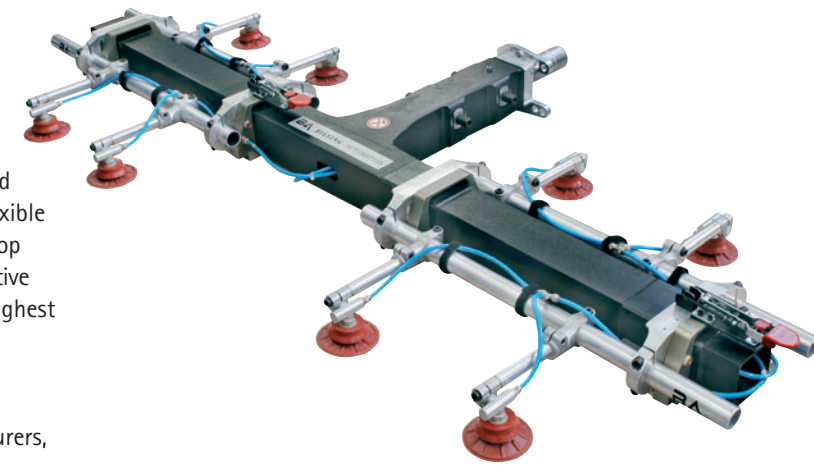


Tooling and Transporting

For over 30 years BILSING AUTOMATION has concentrated its capabilities to the development and production of flexible tooling and handling systems for press shop and body shop applications. BILSING AUTOMATION'S tooling is an innovative modular system, assuring extraordinary quality and the highest flexibility. This system has made BILSING AUTOMATION a worldwide leading supplier for these markets.

Today some of the most respected automotive manufacturers, as well as their subcontractors and system suppliers, are counted among BILSING AUTOMATION'S clients. BILSING AUTOMATION has a worldwide network of 15 subsidiaries located in Europe, North America, South America, Asia and the Pacific Rim. This ensures that the BILSING AUTOMATION modular systems are available worldwide.

Wherever gripping and transporting becomes necessary in the automated process, the flexible tooling minimizes the expense for design and development. A customized solution is developed rapidly from a vast variety of standard components. With our hands-on approach to the customer, we can provide solutions that result in cost reductions and optimum product



performance. From planning and design to manufacturing and installation, we offer continual support to our customers. Professional on-site training can also be provided as part of BILSING AUTOMATION'S service packages.

