

DALEX WELDING MACHINES

**EXPERIENCE WELDING THE FUTURE**



DALEX Schweißmaschinen GmbH & Co. KG





EXPERIENCE  
WELDING THE FUTURE

# DALEX - YOUR SPECIALIST FOR WELDING TECHNOLOGY

## EXPERIENCE WELDING THE FUTURE

As leading medium-sized traditional company, DALEX Schweißmaschinen GmbH & Co. KG has been specialising in the design and production of high-quality technically excellent products for more than 100 years.

Experience, which this company has gained over a century of activity in the industrial fabrication of welding machines and components for almost every individual deployment imaginable, puts the name DALEX in a class of its own when talking about resistance welding. And this goes for countries all around the world.

We take our job seriously. Demands made by the client are treated as challenges to be overcome. As your experienced partner, we work together to find your most suitable & economic production process. That completed, we move on to designing & construction of the perfectly prepared one-and-only welding plant- in other words: "The right machine for the right job".

So many years of working in so many fields of deployment amass a mountain of Know-How. The vast number of different machines to come out of Wissen in Germany bear witness to the range of applications DALEX has mastered. You have a welding problem...we will find the answer!





## COMPETENT PARTNER

The ability to develop specialised client-orientated welding solutions makes DALEX an attractive partner wherever and whenever the need for innovation and excellence rears its challenging head.

DALEX is well-equipped as competent R & D partner in the automobile industry as well as system supplier. DALEX equipment is to be found in well-respected automobile manufacturers such as Audi, BMW, Daimler, VW Ford, even as far afield as GM. Such names have to be able to rely on expertise & competence and DALEX is proud of the many years of collaboration and trust in what these global players see as a competent partner.

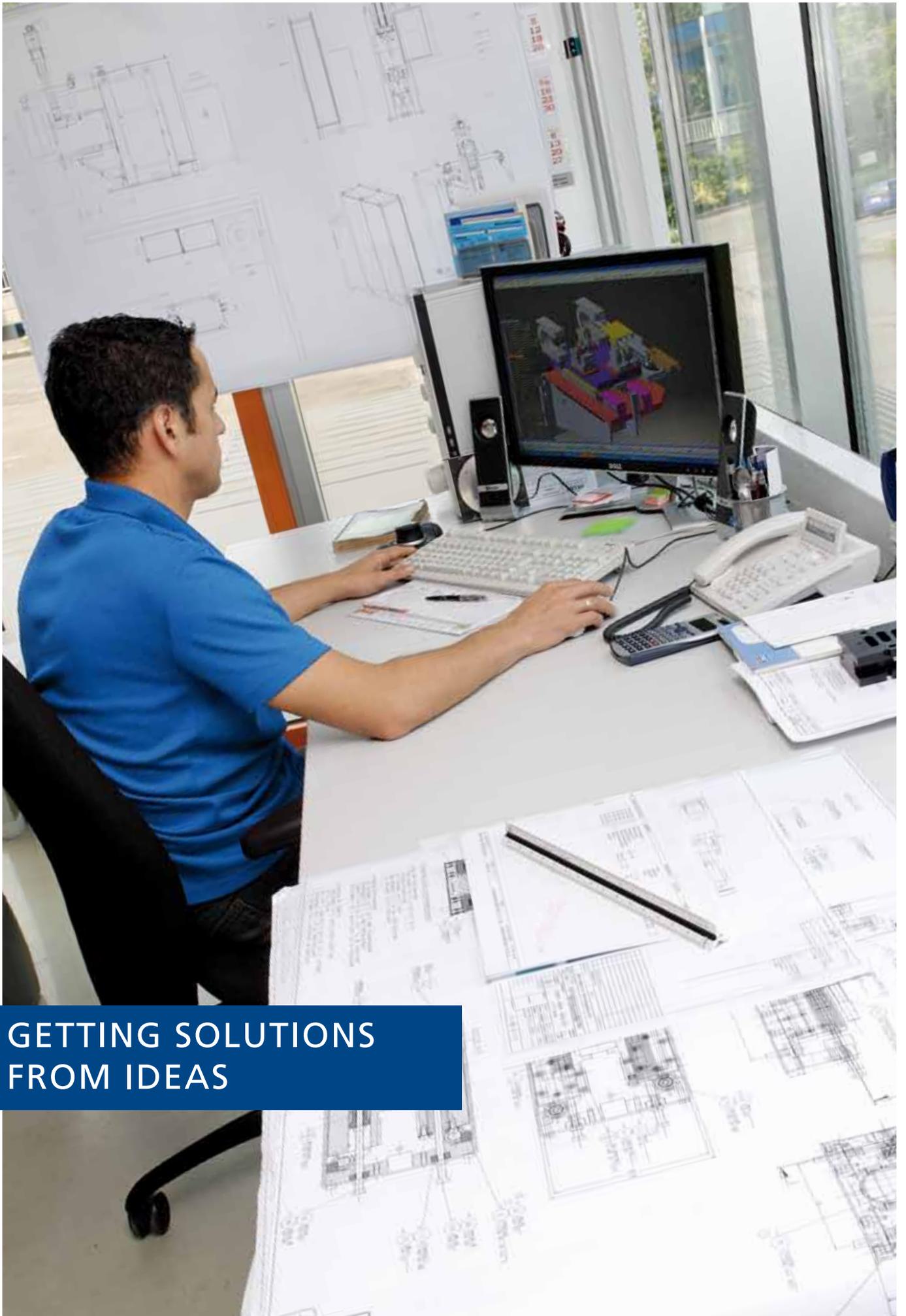
Excellence demands the best in quality and this is documented in the fact that DALEX is the sole company to be certified under the strict standards commanded by The Automobile Industry Federation VDA 6.4 and naturally as well as DIN ISO 9001.

# WELDING SOLUTIONS FOR EVERY DILEMMA



Every branch of industry has its own rules & regulations, every product its own challenges; you are cordially invited to sample DALEX Know-How. DALEX is active in more fields than you thought possible. DALEX machines are designed & built for industries as diversified as:

- Automotive
- Household technologies
- Electrical industry
- Windows and doors
- Wire mesh/Sieve engineering
- Furniture industry
- Agriculture/industrial vehicles in every sense
- Signage advertising
- Aircraft & aerospace industries
- Food- and Beverage industries



## GETTING SOLUTIONS FROM IDEAS

# DEVELOPMENT AND DESIGN (D&D)

## EXPERIENCE & KNOW-HOW

We offer all-round technical welding services through our qualified & experienced specialist consultants, who go through the details of the job in hand, working in close collaboration to find ideal answers to the task on the table- client's needs as well as his individual requirements.

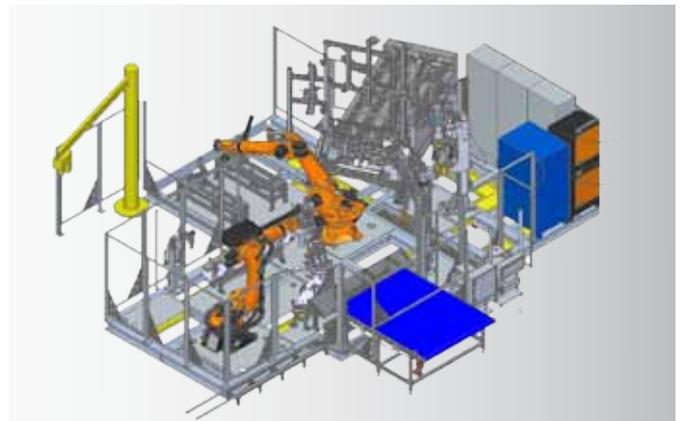
Concept creation and processing of tenders are the result of close teamwork with our design specialists and project planners with literally years of working in a constructive background. This means that every project is based upon wide-ranging, technical as well as practical know-how- a solid base upon which to move forward.

## DEVELOPMENT & DESIGN

Competence in developing systems at DALEX enables flexible reaction and client-orientated, tailor-made solutions.

Our own experienced D & D specialists are trained to look at every new idea as a real challenge to be overcome. Deployment of differing welding procedures into one entity presents almost unlimited possibilities.

This home-grown D & D task force develops & designs highly complex welding plant in close co-operation with purchasing, process engineering and supply chains into a concept referred to as Simultaneous Engineering.





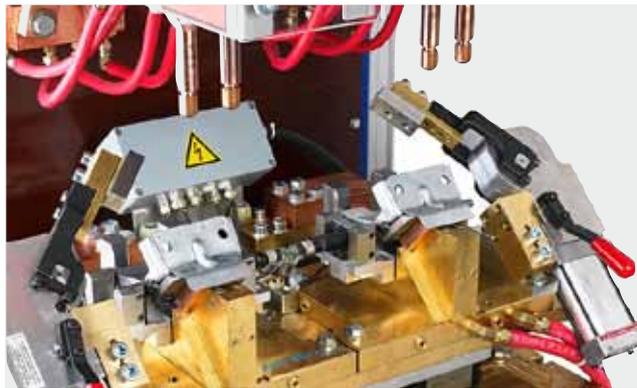
## DIVERSITY OF SPECIAL MACHINE DESIGN

DALEX also manufactures highly-complex production cells in addition to the classical handcraft & industrial machines for spot, projection and roller seam welding. Decades of experience have led to almost perfect systems.

Examples among others are:

- Welding plant with semi & fully automatic workpiece feeding
- Automatic rotary machines
- Linear systems
- Robot cells

# MECHANICAL ENGINEERING AT THE HIGHEST LEVEL



The above-mentioned examples contain not only resistance welding but also systems such as MAG & laser welding, pressing, testing & labelling processes as well as pre & post downstream-switched assembly steps.

A high degree of manufacturing and central project management allow widespread flexibility in the processing of projects. This is the only way to create standard equipment, modified machines, special complex machines and large volume contracts and all within those ever-shortening deadlines.

# PRODUCTION AND FINAL ASSEMBLY

## FABRICATION AT THE HIGHEST LEVEL

Highly qualified technicians and engineers, as well as a high-performance supply network are the foundation for high quality fabrication & product quality.

Flexibility, close-cooperation and dialogue between departments and the client, ongoing monitoring by the product manager makes & maintains efficient and trouble-free production.

The high degree of manufacturing increases know-how and allows rapid & competent reaction to individual wishes from the client.

## QUALITY AS BASIS

DALEX gives top priority to the slogan Made in Germany and the processing of high quality components produced exclusively by well-known & respected manufacturers.

Quality management plays an important role within the concept of Total Quality. The whole process commences with consultation, design & development, fabrication and service and last but not least, the product itself.

Management of the high product quality takes place during and after completion of extensive inspections. Before a machine leaves our factory, it has to undergo comprehensive testing for full functionality.

Our high demands on quality for assembly, commissioning, inspection, care & maintenance and final examination of the equipment is fully documented through certification acc. to DIN EN ISO 9001 and last but not least VDA 6.4.



# PRECISION AND QUALITY





## THE ENTIRE PROGRAM

The **MODEL SERIES SF / SL / PL** from DALEX actually offers 14 different types of spot welding machine. These models address the needs of specialist manual processing where welding plays an important role.

Technical welding tasks for industrial deployment demand more power, so DALEX offers the significantly stronger **MODEL SERIES PMS** with 8 different machine types for general industrial applications.

All machine types are assembled as a basic modular system with almost unlimited modification possibilities.

## QUALITY IN SERIES



Moving up the ladder so to speak, "Custom Fit Product" from DALEX describes the **ROBOT GUN SERIES CZ/XZ** with a modular system program of 24 basic types, where fittings, drive or transformer type are freely configurable.

The **HAND GUN SERIES 31 / 32 / 33 / 35** has been developed & designed as flexible and mobile welding units for use in workshops in general. .

**MIDDLE FREQUENCY TRANSFORMERS** manufactured on our own premises, development & design and manufacture of **HIGH-TECH TOOLS** from precision materials, high quality **COMPONENTS** as well as **SPARE PARTS AND CONSUMABLES** complete our portfolio.



MODERN AND INNOVATIVE

## TECHNOLOGY CENTER

The DALEX Technology Center is more than well-equipped for experimenting with new welding procedures and material testing. Modern measurement, testing and polishing facilities pave the way for optimized welding results, whatever and wherever welding techniques venture into the future.

This is the ideal place to find possibilities for meeting demands through prototype welds and pilot runs. This is the environment where new ideas are put into practice.

Training workshops are available at any time on a large number of operationally ready machines





EFFICIENCY THROUGH  
COMPETENCE

# SERVICE and CUSTOMER SUPPORT

## ALL-ROUND SERVICE

As service provider with a devotion to duty, we do all we can in our power to guarantee you a problem-free and stable productive environment. No matter what the problem is, DALEX customer support provides assistance in sourcing spare parts as well as exchanging components or just simply regularly carrying out standard maintenance tasks – our service team have the answer, thereby reducing standstill times to a minimum.

Highly qualified service engineers are active around the world, doing service, maintenance, repair work as well as commissioning tasks on your DALEX equipment- wherever it may be.

Rapid reaction times guarantee the fastest possible eradication of stoppages, getting the plant back into operation, maintaining production schedules, optimisation of costs and last but not least, safety because 'safety keeps the man on the job'.

## SERVICE

- Integration and commissioning
- Inspection / care / maintenance
- Testing according to BGVA3
- Competent service advice per telephone

## TRAINING COURSES

- Competence in theory & practice
- Hands-on training with client or in DALEX T-Center

## SPARE PARTS AND CONSUMABLES

- Long availability of spare parts
- Wide spectrum of original accessories and components, optimum for your machine, increases efficiency and deployment possibilities of your machine and thereby guaranteeing top quality



# GOING FORWARD TOGETHER

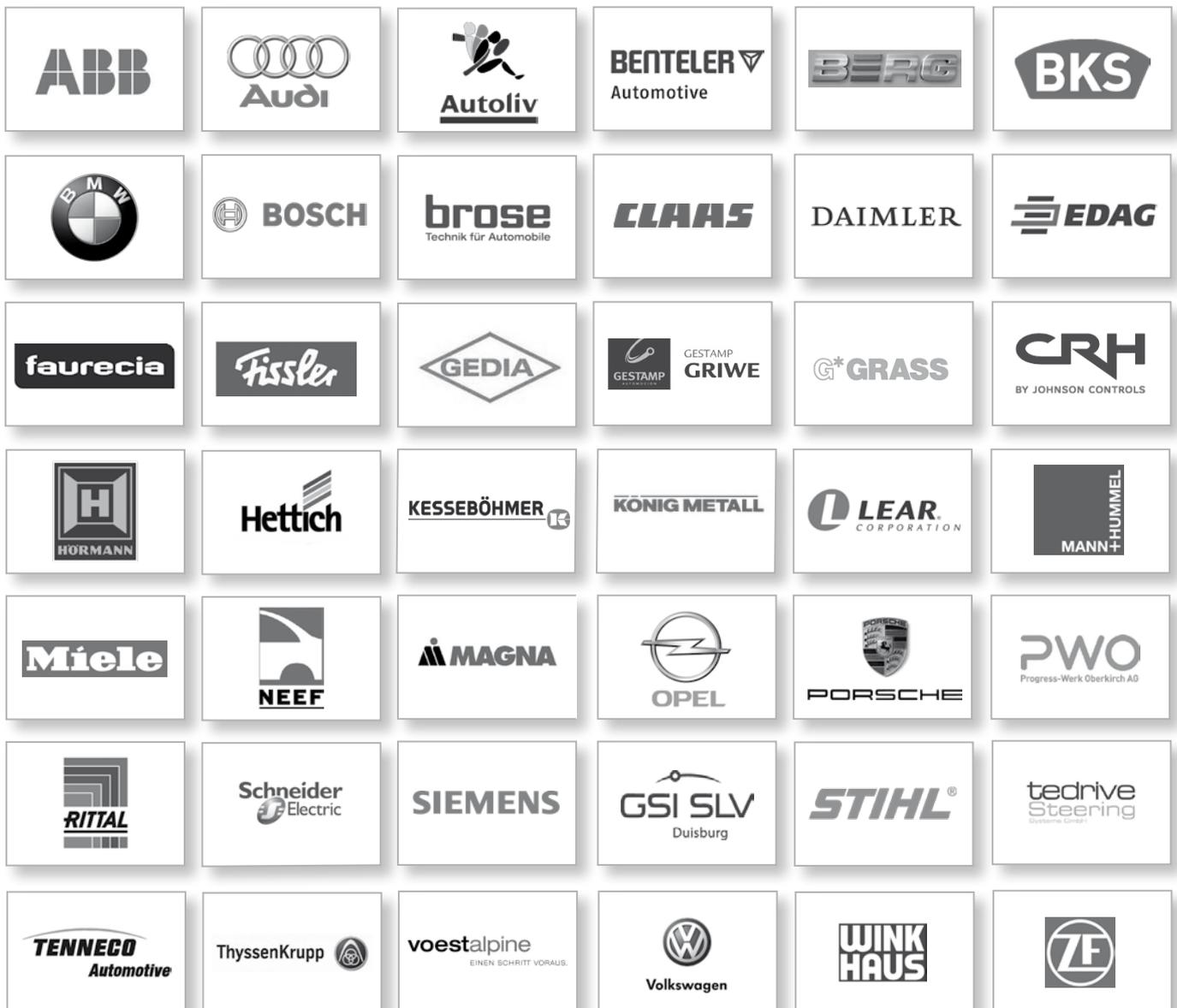


## DALEX - PARTNER TO THE BEST

DALEX sees itself as competent and personal partner for clients in industry and at the cutting edge of technology. Key accounts range from medium-sized enterprises to large internationally renowned companies.

So when you are talking about producing excellence in quality, put your trust in a company known worldwide for its unrivalled reputation, come to DALEX Schweißtechnik.

DALEX always aims to satisfy by offering clients an active & solid business relationship. This philosophy has worked for 100 years- join us for the next 100.



EXPERTISE

EXPERIENCE

AUTOMATION

PROJECTION WELDING

INNOVATION

CD-WELDING

ROBOTIC GUNS

KNOW  
HOW

DEVELOPMENT

HANDGUNS

MF-TRAFO

SPECIAL SOLUTIONS

SEAM WELDING

COMPETENCE

## WE WILL BE PLEASED TO ADVISE YOU - PLEASE CONTACT US

Get in touch with us

telephone +49 (0) 2742 - 77-0 / E-Mail: [kontakt@dalex.de](mailto:kontakt@dalex.de)

## YOU ARE INTERESTED IN FURTHER INFORMATION?

Our product brochures will give you more interesting and detailed information of the quality and the wide spectrum of DALEX products.

All our brochures can be downloaded at our website: [www.dalex.de](http://www.dalex.de)



ERFAHRUNG SCHWEISST ZUKUNFT  
EXPERIENCE WELDS FUTURE



**DALEX**  
Schweißmaschinen GmbH & Co. KG  
Koblenzer Straße 43  
D - 57537 Wissen

Tel. +49 2742-77-0  
Fax +49 2742-77-101

Internet: [www.dalex.de](http://www.dalex.de)  
E-Mail: [kontakt@dalex.de](mailto:kontakt@dalex.de)

 made  
in  
Germany