

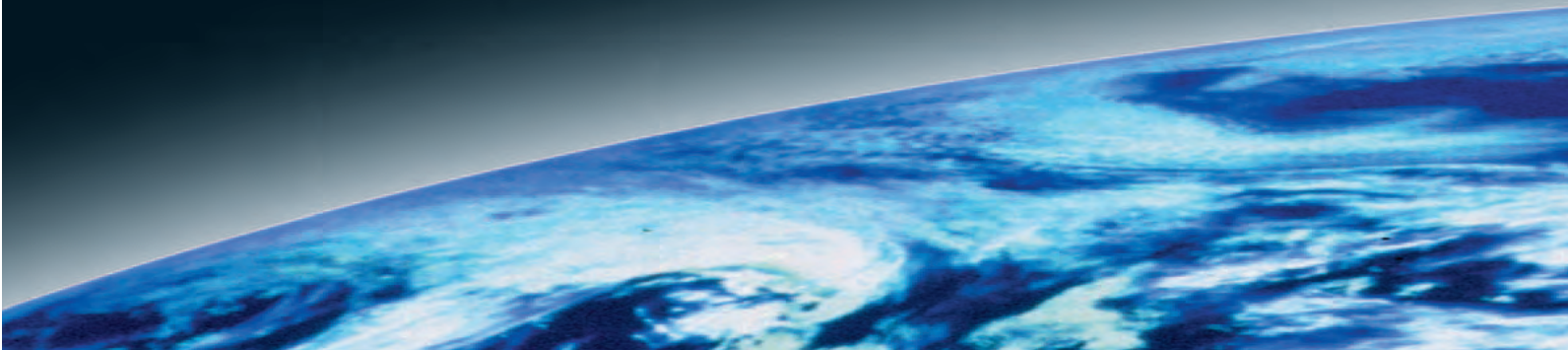
**Best Joint**



# HBS –

**the industry leader in stud welding products**

- > HBS has a long history of successfully meeting the market demands of innovative and reliable products, employing, not only experience, but a full knowledge of past and current technology.
- > Our worldwide experience provides an understanding and awareness to changing market needs and technology.
- > HBS combines innovation with proven and reliable products to meet a wide range of application needs for industry, be it for small portable equipment to fully automated needs on medium sized production lines.
- > Products and systems are designed to be fully cost effective providing the customer with technically sound equipment providing years of reliable, trouble free operation.



# HBS – Pad Welding Stud Welding

**Innovative products  
for international success**



- > HBS is a medium size enterprise, formed more than 30 years ago, located in the Bavarian town of Dachau, Germany. Half of the production is exported to more than 40 countries in all continents.
- > The complete and innovative product line has evolved from meeting individual market need and requirements, throughout the vast areas that we serve. A full range of welding elements and accessories augments our product range of manual units, semi-automatic systems, as well as fully automated CNC machines.
- > Our ability to develop products and technology is recognized by the receipt of several worldwide patents and numerous national and international industry awards.



## HBS products enhance profitability

- > The HBS welding processes reduce costs by utilizing an arc without the need for additional welding consumables.
- > Productivity increases through automation applications – highest profitability is achieved.
- > Most importantly, the flexibility of the HBS products opens the way for new and cost efficient manufacturing and design alternatives.




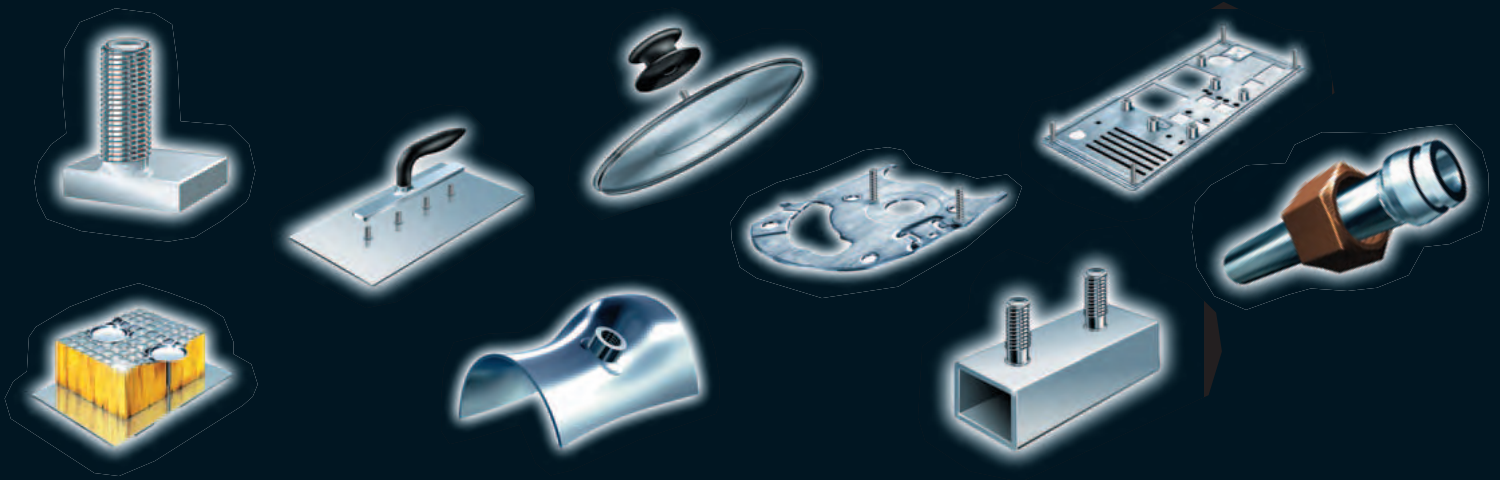
## Pad Welding Stud Welding



# Research & Development

**Our commitment is to the industry  
and our customers**

- > HBS is constantly alert to changing technologies, manufacturing methods, new materials, and innovative applications.
  - > Working closely with Universities and research institutes for welding technology and metallurgy we strive to be the leader in technology, producing innovative products and gaining international patents and awards.
  - > Each year we have been an industry leader in utilizing a large percentage of our revenues updating our product lines to meet an ever changing and growing market demand.
  - > Using our products is your success in the market.
- 



# Your Requirements are Manifold

The solutions developed by HBS are uniquely designed to meet the needs of our customers

- > For our customers we provide the latest and most encompassing line of pad and stud welding products.
- > The product line includes five welding procedures, 12 model series as well as more than 30 available variants to the models.
- > With this arsenal of products we can match the most effective, technically sound and cost effective welding procedure to the most efficient products.
- > Best welding results are achieved with HBS products.



# Leading through Technology, Quality and Service



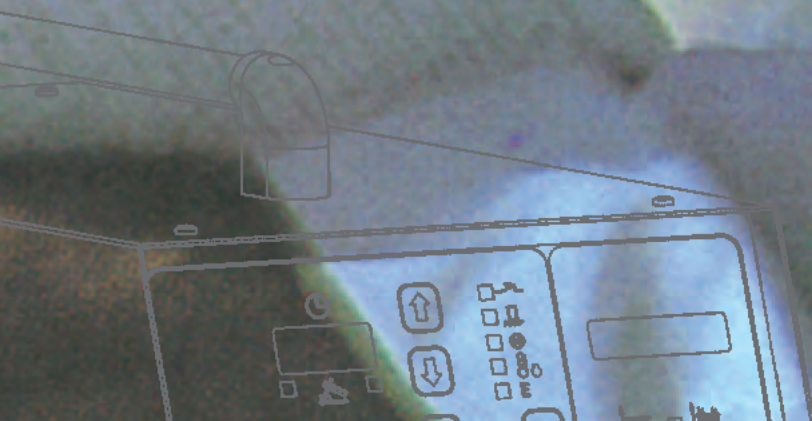
- > The management and employees of HBS are committed to remain the industry leader in producing high quality, market oriented stud welding products and systems.
- > Our exceptional research and development programs provide the road map for successful solutions to new and growing applications. Our dedication to prompt and reliable service completes our commitment to our customers.
- > HBS is worldwide the only supplier of equipment for welding pads with the innovative MARC (Magnetic rotated ARC) welding process.

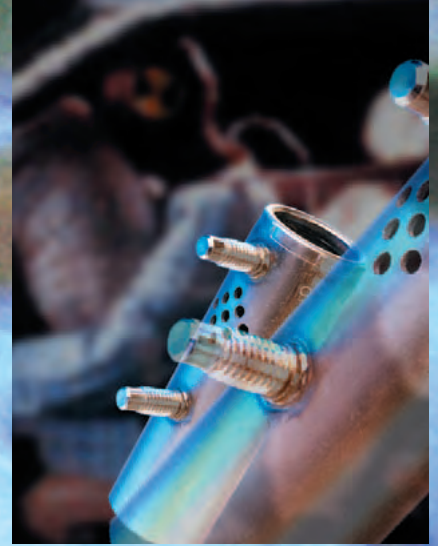
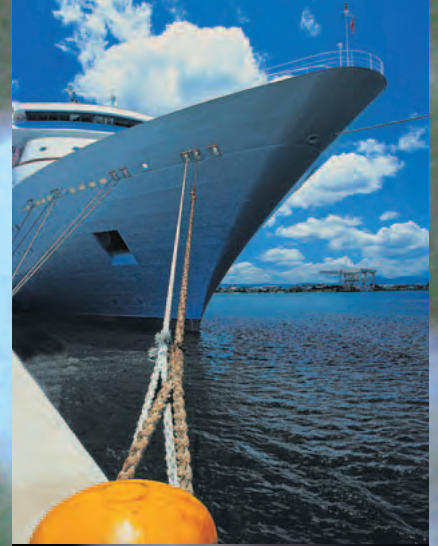
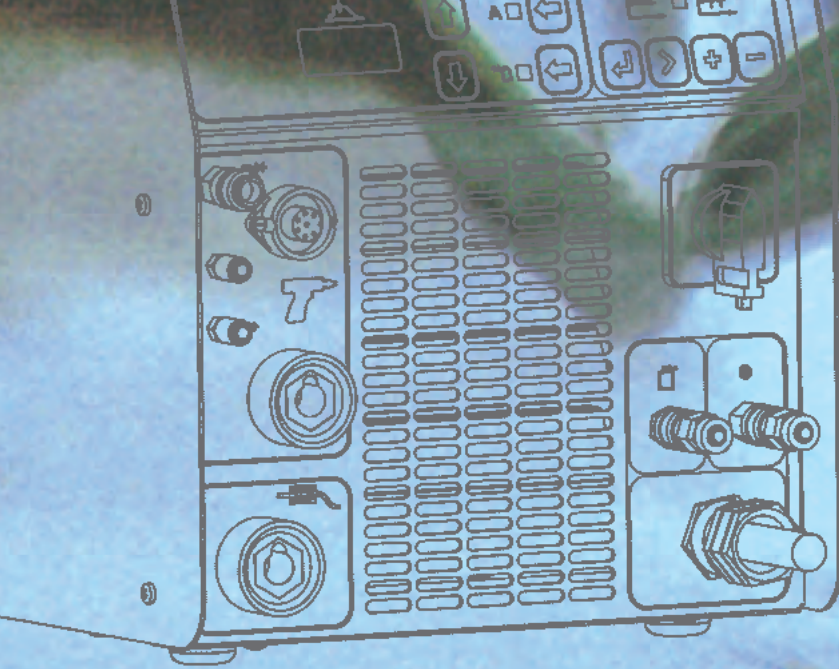




- > With different stud welding processes, i.e. Capacitor Discharge, Drawn Arc, Short Cycle and pad welding process MARC – we cover all important application ranges in metal working: vehicle construction • automotive supplier industries
- steel construction • engineering construction
  - shipbuilding industry • electrical industry
  - apparatus and shell engineering • cabinet construction
  - large kitchens • laboratory and medical technology
  - food industry • household appliances
  - communications engineering • facade construction
  - metal fittings • ventilation engineering • insulation construction
  - structural and civil engineering • refractory insulations for power plants • combustion plants • and vessel construction

## Our Commitment





## **Trust the market leader**

- > At HBS one is proud to be able to support customers with total solutions, offering everything at competitive price and with short delivery times and all this at best quality.
- > We at HBS can provide the user not only with the full product range but also the necessary accessories.
- > HBS delivers all types of welding elements made of various metals – The user has the pick of the choice.
- > We can assure our customers worldwide the most excellent service which they can expect from a renowned manufacturer.



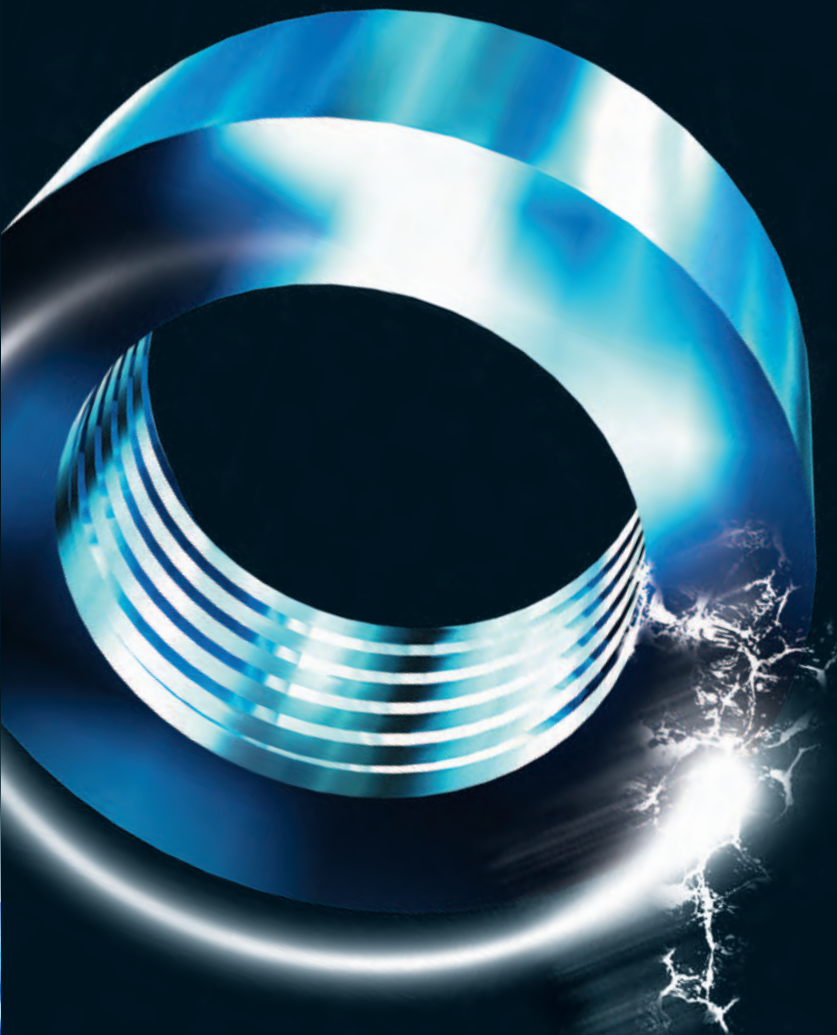
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AMERICA

ASIA

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