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1936
Christian Häusler establishes the HAEUSLER company in Dornach, Switzerland

1952
HAEUSLER export activities begin with the supply of a plate bending machine to the Netherlands

1955
The first HAEUSLER machine is delivered overseas

1958
The second HAEUSLER factory is built in Rheinfelden-Herten, Germany
We at HAEUSLER

As a global operating company, HAEUSLER is constantly setting new standards in the metal forming industry. Our innovative culture has been developing for over 70 years, and harks back to a long family tradition. This experience enables us to constantly exceed technological limits for our customers throughout the world. We have grown from a small locksmith’s shop to world market leader in the forming sector and the associated welding technology.

The third generation of the Häusler family is already taking responsibility for the business, and continuing the tradition of innovation, reliability and premium quality with new ideas and new energy. Machine construction is our profession, but our mission is partnership-based collaboration with our customers. We are constantly seeking new challenges that will enable us to grow in order to assure your success.

“Machine construction is our profession – using inventive talent and passion.”

The Häusler family
Standing, from left to right: Camille Häusler, Corinne Häusler, Stefan Neumann, Raymond Häusler
Sitting, from left to right: Christian Häusler, Jörg Häusler, Elisabeth and Werner Neumann-Häusler
Customer satisfaction is our goal – innovation and quality orientation the means

HAEUSLER’s innovative, tailor-made solutions and the fulfilment of the most demanding customer requirements are only possible thanks to the motivation of our highly qualified team. All of them demonstrate a high level of personal responsibility and enthusiasm for complex tasks and the experience of each individual grows in parallel with our business success. We are very proud that most of our team have been with us for many years.

In accordance with our customers’ requirements and expectations, we offer optimal quality solutions in conjunction with our first-class, world-renowned suppliers.
An integrated solution for each individual problem

In addition to the manufacture of individual machines in all performance classes, the development of technically complex and tailor-made solutions is another of HAEUSLER’s core competencies. In order to find the right solution for every customer, we take account of all relevant country and environment-specific factors. We consider ourselves an integrated service provider, from conception to delivery of the ready-to-use product that our customers demand. As general contractor we are the main contact at all project levels, and take full responsibility for implementation and process optimization.

Sustainability through service

With first-class products, we ensure the success of both our customers’ and ourselves. We offer comprehensive services that guarantee the efficiency of machines and systems; technical assistance and training; remote maintenance including hotline service; on-site maintenance; inspections; complete overhauls; supply of spare parts; machine modernisations (retrofitting).
PLATE BENDING

Milestones

- 1947 – Development of the first HAEUSLER plate bending machine
- 1964 – Development of the world’s first hydraulic 4-roller plate bending machine
- 1987 – Delivery of an aircraft fuselage and wing edge bending machine for the manufacture of Airbus aircraft
- 2001 – Delivery of the world’s largest 4-roller plate bending machine for wall thicknesses up to 240 mm (see photo)
- 2007 – Delivery of four ship plate bending machines for plate widths up to 21,000 mm
Universal plate bending machines

VRM 4-roller plate bending machine
for bending plates for cylindrical and conical parts

Range of performance
Plate width
Up to 8,000 mm
Wall thickness
Up to 250 mm (cold)
Other values on request

HDR 3-roller plate bending machine
for bending plates for cylindrical and conical parts
Special plate bending machines

RMS large pipe plate bending machine
for the manufacture of long-seam welded large pipes

Range of performance

Diameter
406 mm (16") to 1626 mm (64")

Pipe length
Up to 13,000 mm

Wall thickness
Up to 42 mm

Other values on request
SPBM ship plate bending machine
for bending and pressing hull components
for ship-building

FKB aircraft fuselage and wing edge bending machine
for bending and pressing airfoil and hull
components for aircraft construction

Range of performance
Plate width
Up to 21 000 mm
Wall thickness
Up to 40 mm
Other values on request

Range of performance
Plate width
Up to 12 000 mm
Wall thickness
Up to 15 mm
Other values on request
PROFILE BENDING

Milestones

- 1950 – Delivery of the first 3-roller profile bending machine
- 1972 – Development of the first 4-roller profile bending machine
- 1998 – Delivery of a profile bending machine for forming profiles with a section modulus up to 15,000 cm³ (see photo)
Universal profile bending machines

**HPR profile bending machine**
for bending U, I, T, angular, flat and round profiles, as well as pipes and special profiles

**BB profile bending machine**
for bending U, I, flat and round profiles as well as pipes with malleable section modulus from 2 500 cm³

**Range of performance**
- Malleable section modulus
  - Up to 15 000 cm³
  - Other values on request
VPR 4-roller profile bending machine
for bending special profiles as well as U, T, flat and round profiles and pipes

Range of performance
Malleable section modulus
Up to 200 cm³
Other values on request
RBM tube coil bending machine and RWM winding machine
for the manufacture of pipe helixes based on round and rectangular profiles

Range of performance
Pipe diameter
Up to 60 mm
Other values on request

PRV profile bending machine
with variable roller geometry for bending special profiles in aircraft construction as well as U, I, T, angular, flat and round profiles and pipes

Range of performance
Section modulus
Up to 1700 cm³
Other values on request
SPECIAL FORMING

Milestones

- 1956 – Delivery of the first straightening machine for plates
- 1997 – Delivery of the world’s largest expander for the manufacture of components for the Ariane rocket with a calibration force up to 200,000 kN and a calibration diameter up to 7,500 mm
- 2008 – Delivery of the largest flanging machine for boiler heads with a diameter up to 7,000 mm and wall thicknesses up to 45 mm (cold) and 100 mm (hot)
**HBP dishing press, HBM flanging machine**
for the manufacture of boiler heads

**RI straightening machine**
for straightening plates and profiles

**CM calibration machine**
**SM shrinking machine**
for tolerance-specific expansion and shrinking of metallic hollow parts

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**Range of performance**

- **Head diameter**
  - Up to 10 000 mm
- **Wall thickness**
  - Up to 100 mm
- Other values on request

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**Range of performance**

- **Plate width**
  - Up to 5 000 mm
- **Wall thickness**
  - Up to 80 mm
- Other values on request

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**Range of performance**

- **Expansion force**
  - Up to 200 000 kN
- **Diameter**
  - Up to 7 500 mm
- Other values on request
ASSEMBLING EQUIPMENT

Milestones

- 1991 – Delivery of the first clamping ring for vessel assembly
- 1992 – Delivery of the first automatic continuous beam welding line
- 1996 – Delivery of the first “crocodile” universal clamping and welding device for the assembly of LPG tanks
“Crocodile” universal clamping and welding device
for the assembly of section-section and section-head/flange (with a time saving of min. 80% in comparison with conventional methods)

AB and ABU clamping rings
in stationary (AB) or rotary (ABU) design
for the assembly of section-section and section-head

CRWM long-seam tack welding machine
for continuous tacking of pipes

Range of performance
Diameter
Up to 10,000 mm
Wall thickness
Up to 150 mm
Other values on request

Range of performance
Diameter
Up to 4,000 mm
Wall thickness
Up to 100 mm
Other values on request

Range of performance
Diameter
10” bis 100”
Wall thickness
Up to 70 mm
Productivity
Up to 25 pipes/hour with pipe length of 12,200 mm
Other values on request
PRODUCTION LINES

Milestones
- 1972 – Delivery of the first production plant for tractor wheel rims
- 1990 – With the delivery of two complete pipe production lines, Haeusler enters the 12-meter pipe sector
- 1994 – The first production line for railway vessels is built
- 1999 – With the construction of a plate bending machine and a “crocodile” clamping and welding device for the manufacture of wind towers, Haeusler enters the wind energy sector
- 2004 – Delivery of the fastest large pipe plate bending machine with a productivity of 20 pipes per hour
Large pipe production line using RB(E) process

for the manufacture of LSAW pipes for oil, gas and water transport. This example shows an RMS large pipe plate bending machine.

Range of performance
Pipe diameter
406 mm (16") to 1626 mm (64")
Pipe length
Up to 13000 mm
Wall thickness
Up to 42 mm
Productivity
Up to 20 pipes/hour
Other values on request

Large pipe production line using JCO process

for the manufacture of construction pipes as well as LSAW pipes for oil, gas and water transport. This example shows a pipe forming press.

Range of performance
Pipe diameter
Up to 1626 mm (64")
Pipe length
Up to 18500 mm
Wall thickness
Up to 70 mm
Productivity
Up to 8 pipes/hour
Other values on request
Production line for wheel rims
in one-piece design or multiple-pieces design.
Basic material flat steel and sections.

Range of performance
Diameter
From 6.00” to 57.00”
Wheel rim width
From 1.50” to 40.00”
Other values on request
Production line for vessels
with straight or sloped design, for the storage and
transport of a wide variety of media

Range of performance
Diameter
From 1000 mm
Wall thickness
Up to 40 mm
Other values on request

Production line for wind tower segments
for the onshore and offshore sector

Range of performance
Wall thickness
Up to 80 mm
Total length of tower section
Up to 60,000 mm
Other values on request
HAEUSLER is almost 100% an export-oriented company. Our machines and plants are already in use on all continents, and in more than 70 countries in total.

The customers cited here are an extract from HAEUSLER’s reference lists.

North America
- General Electric, US
- Trinity Industries, US
- McDermott, US
- Berg Steel Pipe, US
- Caterpillar, US
- John Deere, US
- Aker Solutions (ehem. Kvaerner), US
- Northrop Grumman (ehem. NNS), US
- Swoexemex (Carso), Mx
- Edmonton Exchanger, CA

Western Europe
- Daimler, DE
- EADS (ehem. MBB), DE
- Liebherr, DE
- Dillinger Hütte GTS, DE
- Voith Paper, DE
- Alstom, FR
- Michelin, FR
- DAF Trucks, NL
- Corus (Tata Steel), GB
- Navantia, ES
- Felguera Caldereria Pesada, ES

Eastern Europe/CIS
- TMK (Volzhsky Pipe Plant), RU
- Uralmash, RU
- KAMAZ, RU
- Energomash, RU
- Khruniche Space Center, RU
- GAZ, RU
- Gagarinsky Machine Building Plant, RU
- Khartsyzsk Tube Works, UA
- Minsk Tractor Works, BY

Far East
- Sumitomo Corporation, JP
- Hokkai Steel Works, JP
- CSIC - China Shipbuilding & Offshore International, CN
- Otis Elevator Investment, CN
- Hyundai Heavy Industries, KR
- Daehan Heavy Industries, KR
- Doosan Heavy Industries & Construction, KR
- Samsung, KR
- Formosa Plastics, TW

South America
- IMPSA, AR
- TenarisSiat, AR
- Estaleiro Atlântico Sul, BR
- Voith Paper, BR
- Atlas Schindler, BR
- Alstom, BR
- TenarisConfab, BR
- Engebas Mecânica e Usinagem Ltda., BR

Africa
- Dorbyl Heavy Engineering, ZA
- Steinmüller, ZA
- Atlantic Diesel Engines, ZA
- Petrojet, EG
- Helwan Engineering Industries, EG
- Westcom Technologies & Energy, NG
- SMT – Sudan Master Technology, SD

Middle East
- Ahvaz Pipe Mills, IR
- Safa Rolling And Pipe Mills, IR
- McDermott Middle East, AE
- NPCC – National Petroleum Construction Com, AE
- APC – Arabian Pipes Com, SA
- NPC – National Pipe Com, SA
- Gulf Engineering Com, SA
- KPODS (M. A. Kharafi & Sons), KW

Southeast Asia/Australia
- L&T – Larsen & Toubro, IN
- Cochin Shipyards, IN
- Bharat Heavy Electricals, IN
- Thermax, IN
- Godrej & Boyce, IN
- Mazagon Dock, IN
- Canadoil Group, TH
- Vietsovpetro, VN
- Holco, AU
- Australian Submarine, AU
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