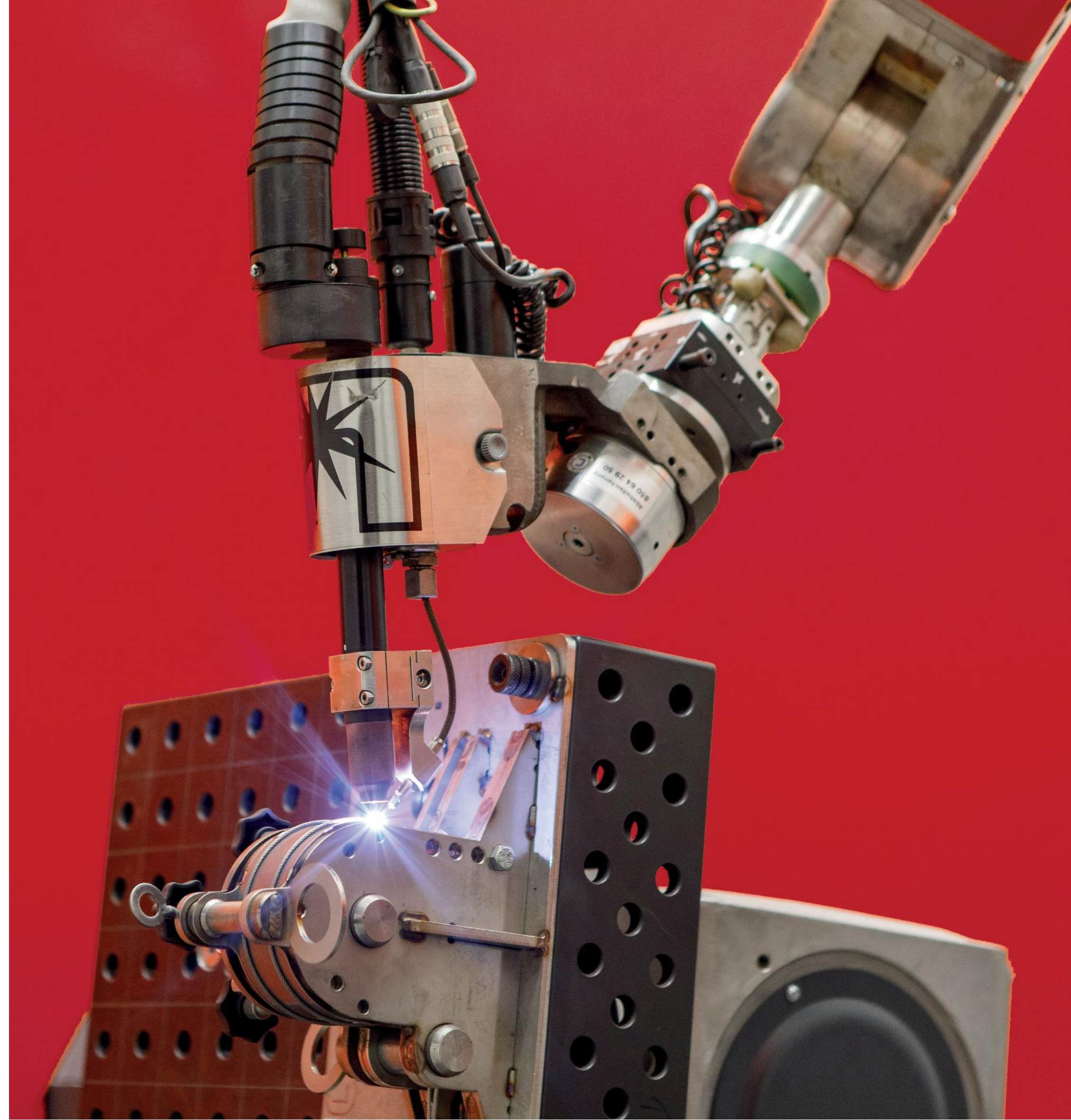
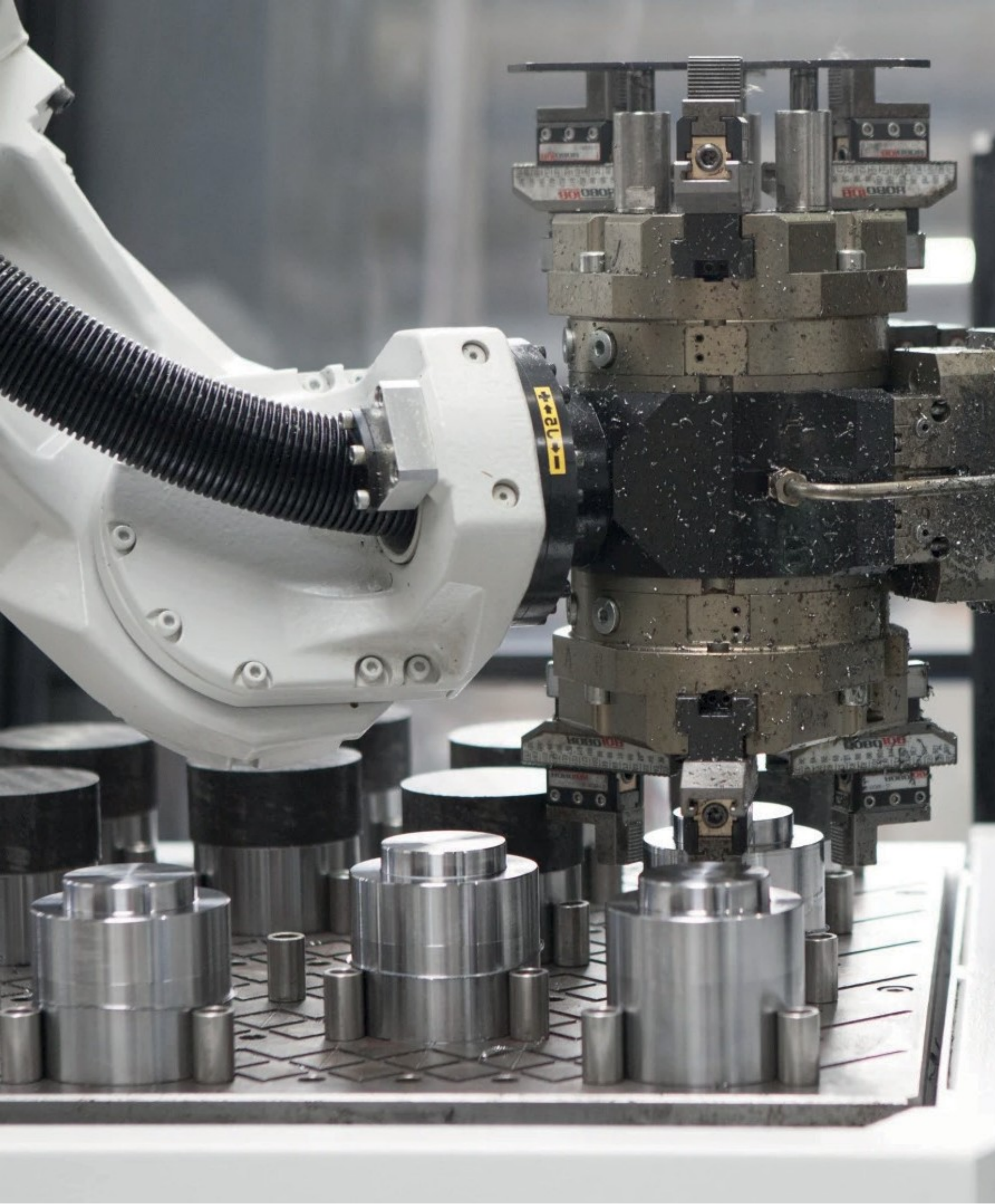


Company Presentation

BAUMRUK
& 
BAUMRUK

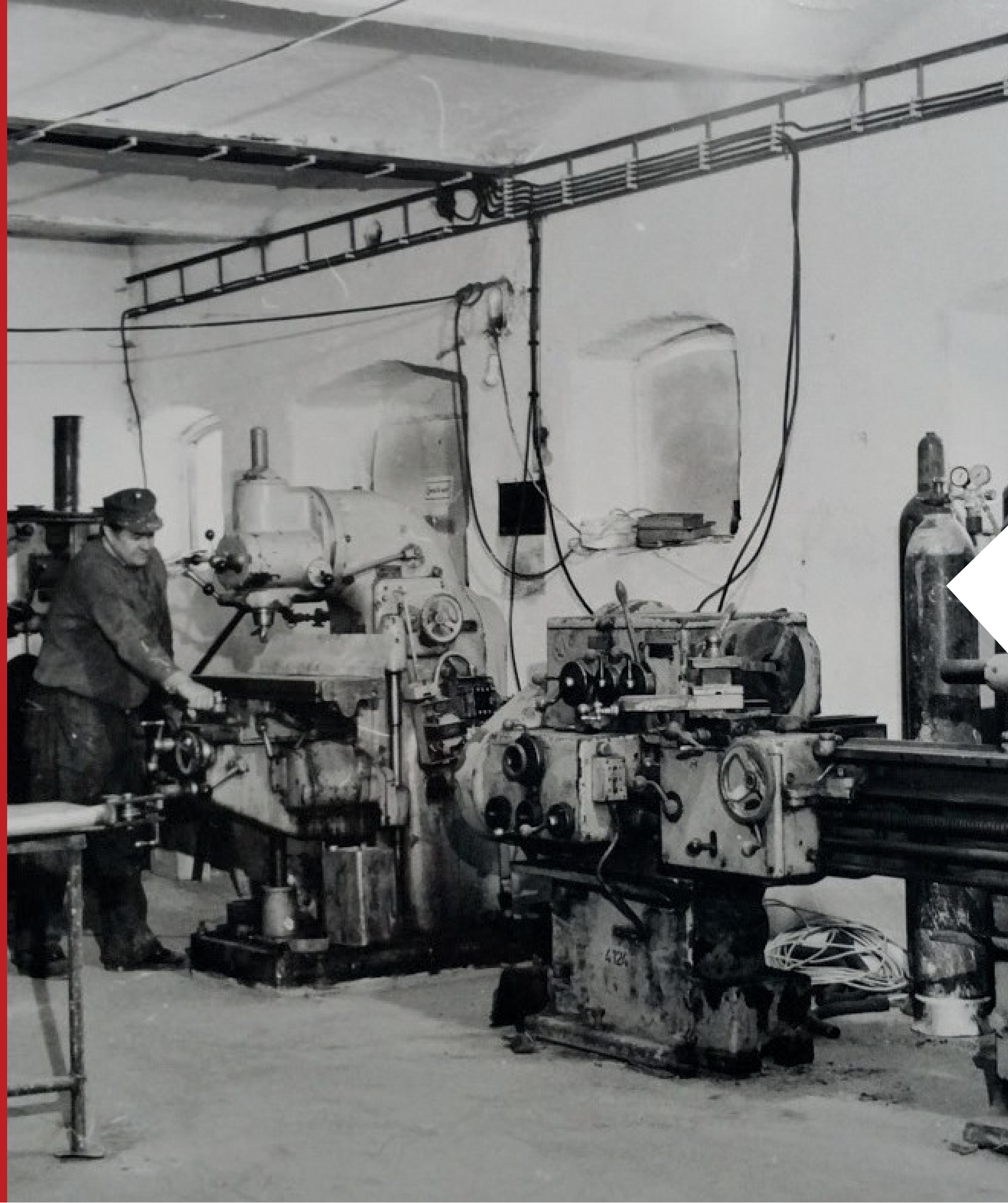
Presented by
Petr Matějka





Content

- 03** History
- 04** Timeline
- 05** At first sight
- 07** Production Technology
- 22** Quality assurance
- 24** Products
- 29** Certification
- 30** References
- 31** Contact Us



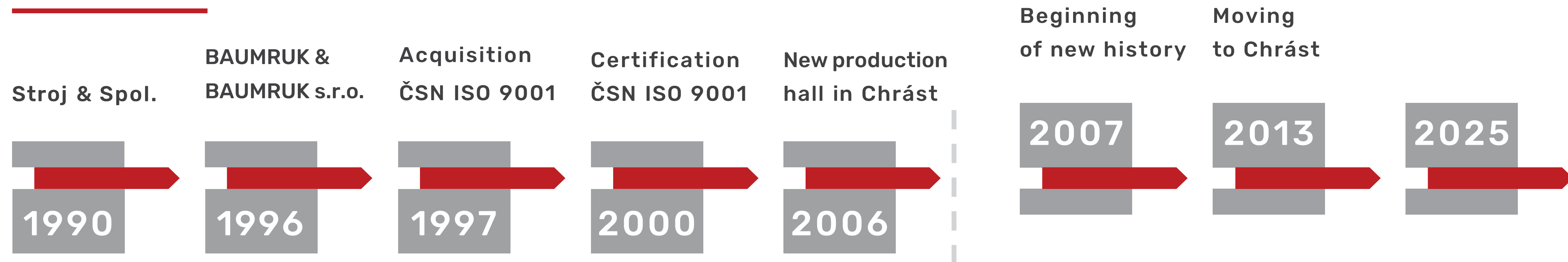
Company history Since 1990

In 1990, the Baumruk family founded the company Stroj & Spol, which was primarily focused on the custom production of steel constructions with three employees. In 2007, Mr. Martin Baumruk took over the company management. The company have invested to automation, machinery and software equipment. This year the modern history of the company began to be written.

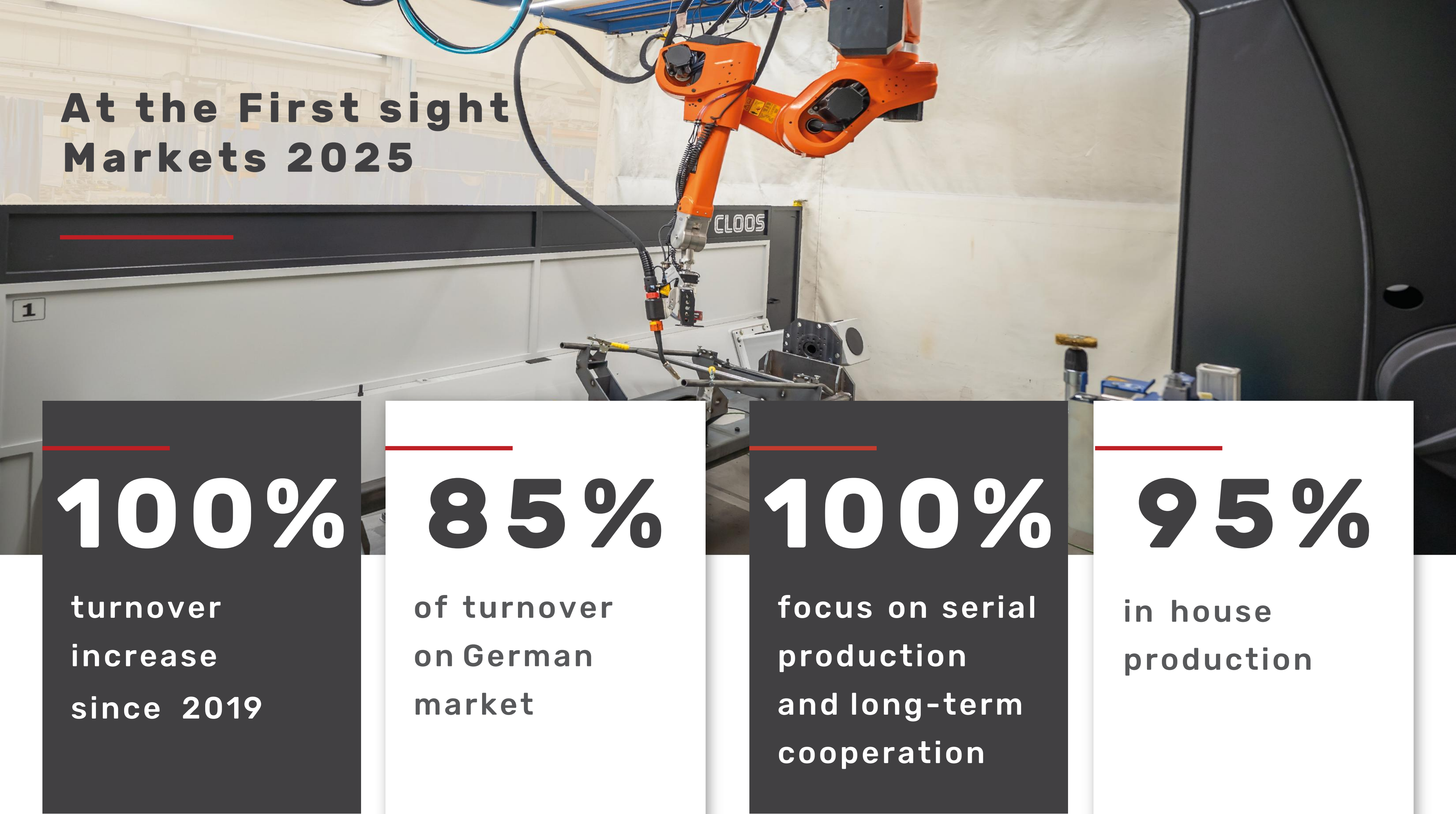


Martin Baumruk
CEO BAUMRUK & BAUMRUK s.r.o.

Company history since 1990



- Building of new production facilities, total current built-up area approx. 14.000 m² + large area for future company development
- Extensive investment in automation, machinery and software
- Welding certificates EN ISO 3834-2 and EN 15085



At the First sight Markets 2025

100%

turnover
increase
since 2019

85%

of turnover
on German
market

100%

focus on serial
production
and long-term
cooperation

95%

in house
production

47000
m² area



12000
m² area
production

120
employees



14 mil. €
turnover
in 2025



Production technology

Sheet Metal processing

**Laser Cutting Machines
CNC Bending Machines
Pressing**

Rod and tube processing

**CNC Cutting
CNC Bending
others**

Welding

**Robotic Welding
Manual Welding Machine Laser
Welding
Spot Welding machine**

Machining

**Milling
Turning
Drilling
Grinding**

Surface Treatment

**Blasting
Deburring
Powder Coating**

Sheet Metal Processing

Laser Cutting Machines
CNC Bending Machines
Pressing

Production technology

Sheet Metal Processing



Pressing

Hydraulic presses, eccentric presses, presses for binding joints etc.

- Pressing force up to 2500 kN.



Laser Cutting

3x Laser Mazak Optiplex

- Resonator output 6 kW
- Sheet metal format 3000 x 1500 mm
- Accuracy 0,05 mm / 500mm
- Max sheet metal thickness:
 - Construction steel - 20mm
 - Stainless steel - 15mm
 - Aluminium - 15mm



Bending with Folding brake

1x CNC press brake SAFAN E-Brake 300

- Pressing force 3000 kN
 - Max size of sheet metal 4080 mm
 - Opening 615 mm
 - Accuracy of the ram 0,01 mm
- Notice: Five-axis rear stop, bending support for thin and long sheets up to a weight of 150 kg, active angle measurement of the bending

1x CNC press brake SAFAN E-Brake 100

- Pressing force 1000 kN
- Max size of sheet metal 3060 mm
- Opening 515 mm
- Accuracy of the ram 0,01 mm
- Notice: Five-axis rear stop

Rod and tube processing

CNC Cutting
CNC Bending
others

Production technology

Rod and tube processing



Cutting

1x CNC fully automatic circular saw Kastoflex F

1x automatic band saw Kastowin A 3.3

2x semi-automatic NC saws, disc saws etc.



Tube and profile bending

1x bending machine BLM E-Turn 52

- Max tube dimension 50 x 2 mm
- Bending moment 4,8 kNm
- Left / right bending
- Tube rolling

1x bending machine MEWAG Telarus 170 S

- Max tube dimension 168 x 3mm
- Bending moment 127 kNm
- Tube rolling - force 120 kN
- Max bending radius 500mm

1x bending Tractotechnik Tubomat 642

- Max tube dimension 42 x 2,5 mm

1x three roll profile bender Amob MAH 40/3 CNC

Welding

Robotic Welding
Manual Welding Machine
Laser Welding
Spot Welding machine

Production technology

Welding



Manual

15x welding machine MIG/MAG, WIG

- Max current load up to 420 A
- Pulse welding

2x spot welding machine CEA PPN 83

- Nominal power 80 kVA
- Maximal power 212 kVA



Welding with Folding brake

12x welding center (Motoman/ Cloos)

- MIG/MAG
- Max length up to 4000 mm
- Max rotational diameter 1600 mm
- Max weight 3000 kg

2x welding center Cloos

- MIG/MAG, WIG
- Max length up to 3100 mm
- Max rotational diameter 1200 mm
- Max weight 1000 kg



Laser welding

1x laser welding machine Herolaser

- Nominal power 1500 W

1x laser weldingcell HerolaserHW3000

- Nominal power 3000 W

Machining

Milling
Turning
Drilling
Grinding

Machining



Milling

2x 5-axis vertical CNC center HAAS UMC 750

- up to X/Y/Z dimensions 762/508/508mm, weight 1360 kg

1x 4-axis horizontal CNC center HAAS EC-1600

- up to X/Y/Z dimensions 1626/1016/813mm, weight 4536 kg

1x 3-axis vertical center HAAS VF-5

- up to X/Y/Z dimensions 1270/660/635mm, weight 1814 kg

1x 3-axis vertical center HAAS VF-3

- up to X/Y/Z dimensions 1016/660/635mm, weight 1588 kg

3x 3-axis vertical center HAAS VF-2

- up to X/Y/Z dimensions 762/508/508mm, weight 1360 kg

1x vertical NC milling machine FTU 1250

- up to X/Y/Z dimensions 1500/540/550mm, weight 1000 kg

1x horizontal milling machine WH 10 CNC

- up to X/Y/Z dimensions 1250/1120/1000mm, weight 3000 kg



Machining

**The newest milling machines
- installed in 2025**



Five-axis vertical CNC centre Matsuura MAM-72, YOP 2025

- Travels of X axis: 1 200 mm
- Travels of Y axis: 720 mm
- Travels of Z axis: 710 mm
- Table size: 500 x 500 mm
- Max. workpiece dimensions: D 700 mm x H 500 mm
- Max. table load: 500 kg
- Positioning accuracy: 0,005 mm / 0,0025
- Note: Automatic pallet changer (18 pallets) and tool magazine for 330 tools



Four-axis horizontal CNC centre Matsuura H-630, YOP 2025

- Travels of X axis: 1 050 mm
- Travels of Y axis: 920 mm
- Travels of Z axis: 990 mm
- Table size: 630 x 630 mm and 800 x 800 mm
- Max. workpiece dimensions: D 1 050 mm x H 1 115 mm
- Max. table load: 1 200 kg
- Positioning accuracy: 0,005 mm / 0,0025
- Note: Automatic pallet changer (6 pallets) and tool magazine for 245 tools

Machining



Turning

2x CNC lathe HAAS DS-30Y

- max cutting dimension Ø 405x660mm, C-axis, Y-axis, second. spindle)

2x CNC lathe HAAS ST 30

- max cutting dimension Ø 533x826mm)

2x CNC lathe HAAS SL 30

- max cutting dimension Ø 432x864mm, C-axis)

1x CNC lathe HAAS ST 10

- max cutting dimension Ø 220x356mm, second. spindle)

1x CNC lathe NAKAMURA AS200LMYS

- max cutting dimension Ø 340x530mm, C-axis, Y-axis, second. spindle)

1x CNC lathe GOODWAY GS2600YS

- max cutting dimension Ø 400x779mm, C-axis, Y-axis, second. spindle)

1x CNC lathe HAAS TL-3

- max cutting dimension Ø 508x1524mm)



Machining

Drilling

V0-32

- max drilling diameter – steel: 32 mm
- Rotary Arm: 250 - 1000 mm
- Rev. : 56 - 4500

Robotised grinding

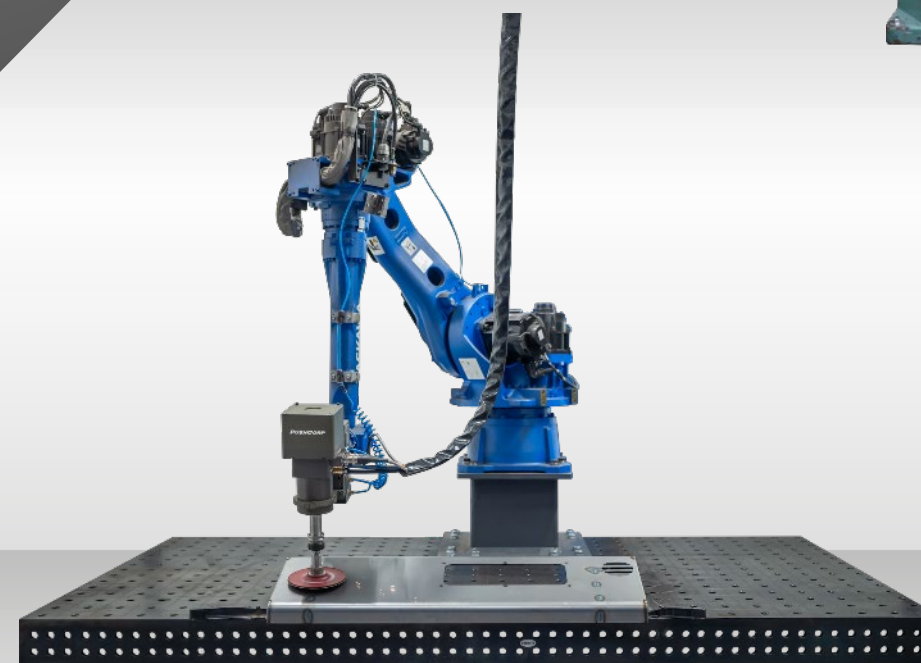
1x Robotic grinding center Yaskawa MH50II

- Grinding unit Pushcorp BT30

Grinding

BUB 50/1000

- max grinding diameter: 500 mm
- max grinding length: 1000 mm
- max weight of work-piece: 350 kg



Surface treatment

Blasting
Deburring
Powder Coating

Production technology

Surface treatment

Blasting and deburring

1x automatic hook-type blasting machine TZNZ4

- max size of product 1800x1800x2800mm, weight 1000kg hanged, 2000kg laid)

1x automatic hook-type blasting machine TZNZ3

- max size of product 1200x1200x2300mm, weight 500kg)

1x automatic hook-type blasting machine TZNZ2

- max size of product 1100x1100x1600mm, weight 500kg - only for stainless steel)

1x automatic tumbling blasting machine TZNZ1

- max volume of charge 165 dm³, max part's weight 15kg, charge's weight 350kg)

1x conventional chambre blaster PK-SBC420

- max size of product 1200x900mm, only for stainless steel)

1x vibratory finishing machine XINGXING Abrasive AB180

- volume 180 l, automatic 200 l vibratory drying machine - only for stainless steel)

1x deburring machine Lissmac SBM-S 1500

- deburring of parts up to width 1500mm - only for stainless steel)

+ Marking laser and other equipment



Production technology

Surface treatment

Powder coating

1x automatic painting line Surfin

- 1x painting line Surfin
- Max product size 1000x2000x2500mm
- Max weight of the product 600kg
- Cyclone and powder recuperation, chemical pre-treatment (Phosphate), robotic cabin with 2 ABB robots + manual cabin

1x painting line Surfin

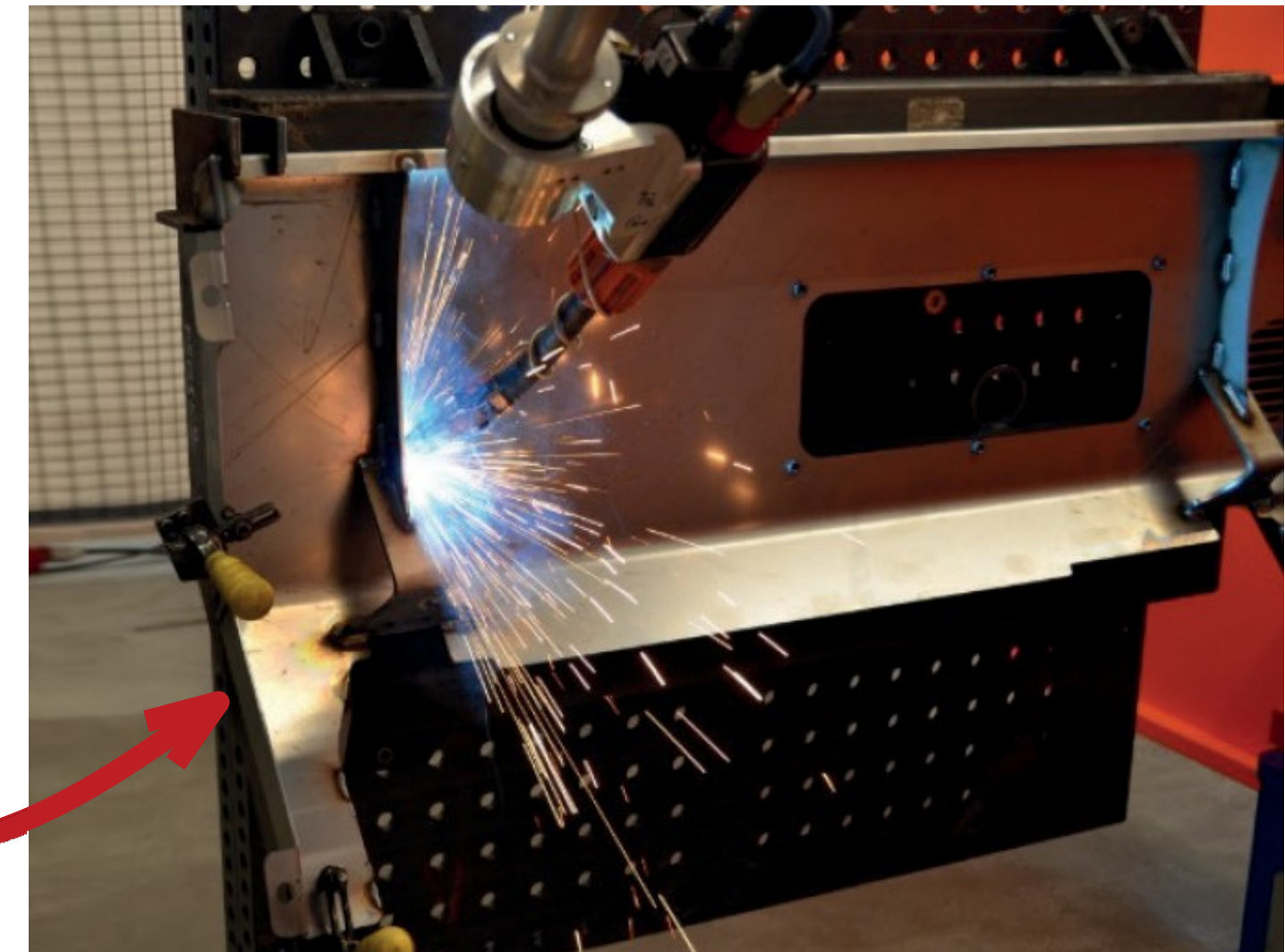
- Max product size 1500x2000x6000mm
- Max weight of the product 1500kg
- Cyclone and powder recuperation



Quality assurance

Design & Technology dpt.

Preparation of production documentation
Design of jigs
Continuous improvement



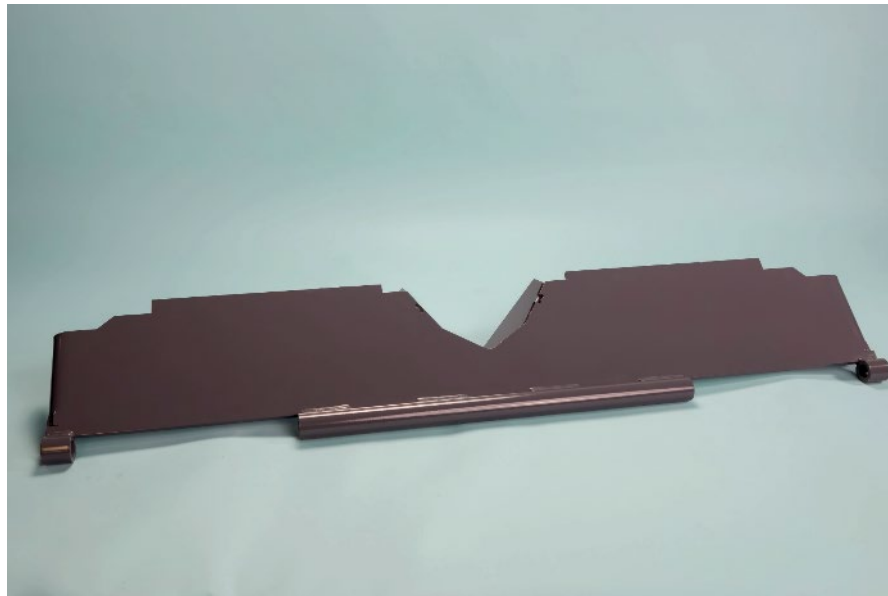
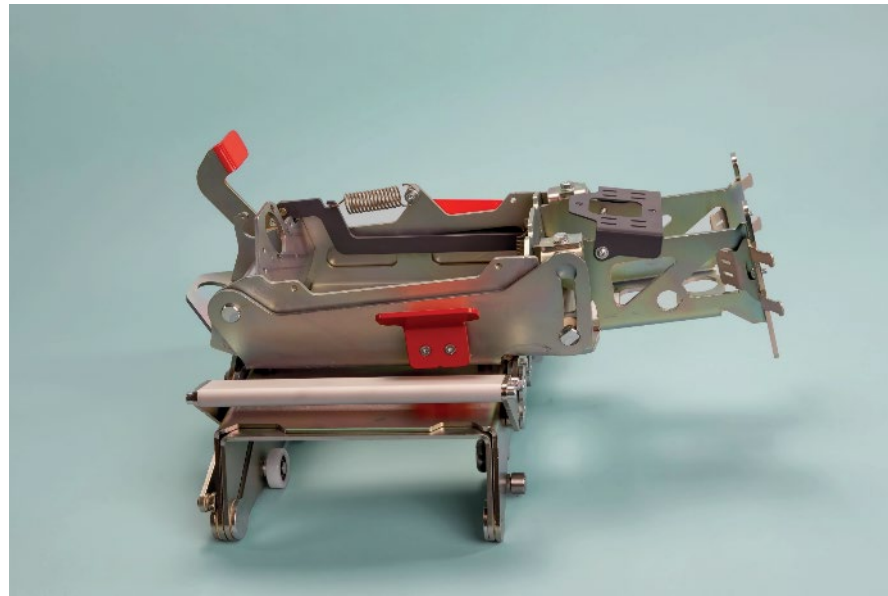
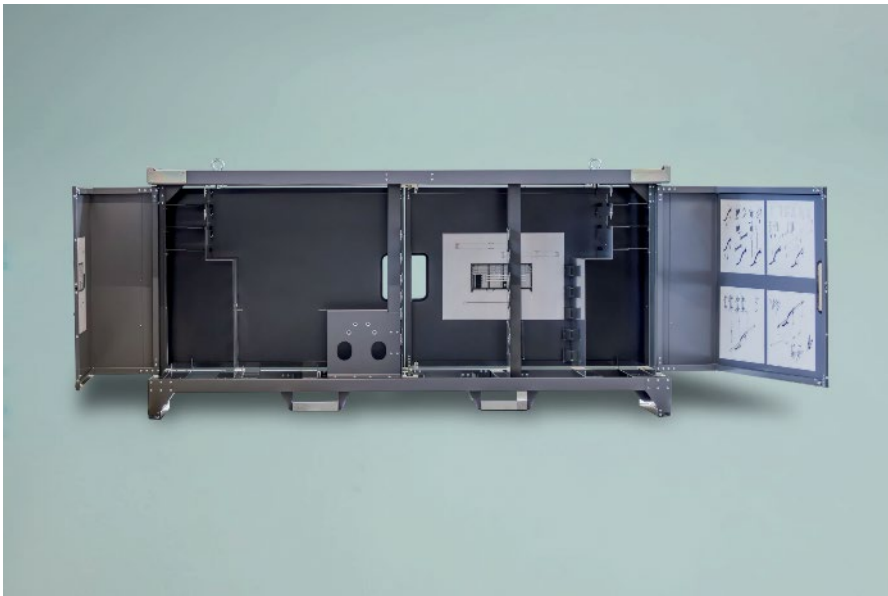
Quality assurance

Measuring devices

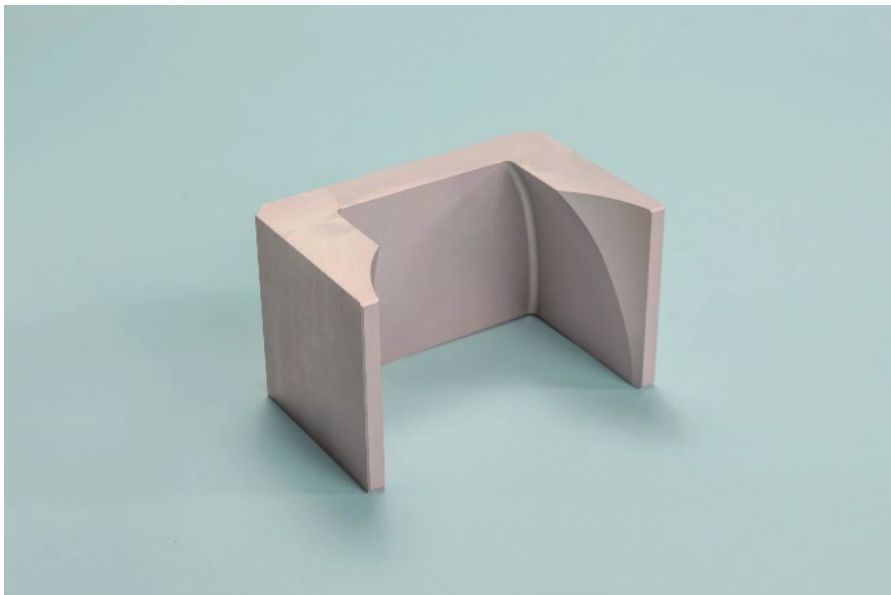
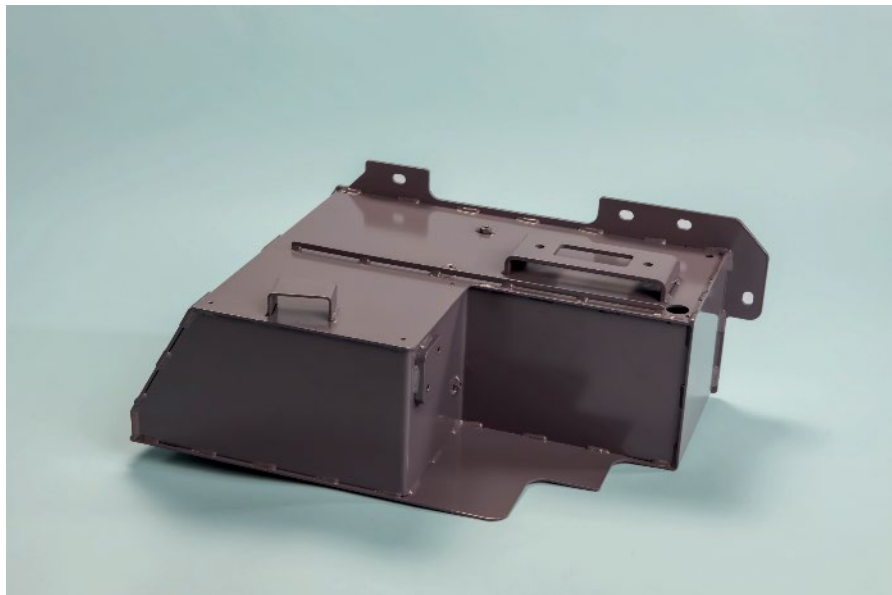
- 3D measuring device Global Performance
- 3D measuring arm Romer RA-7525
- Contour measuring device Mitutoyo
- FormtracerAvant FTA -H4 3000-D
- VisometryTwyn
- + many other conventional measuring tools



Products



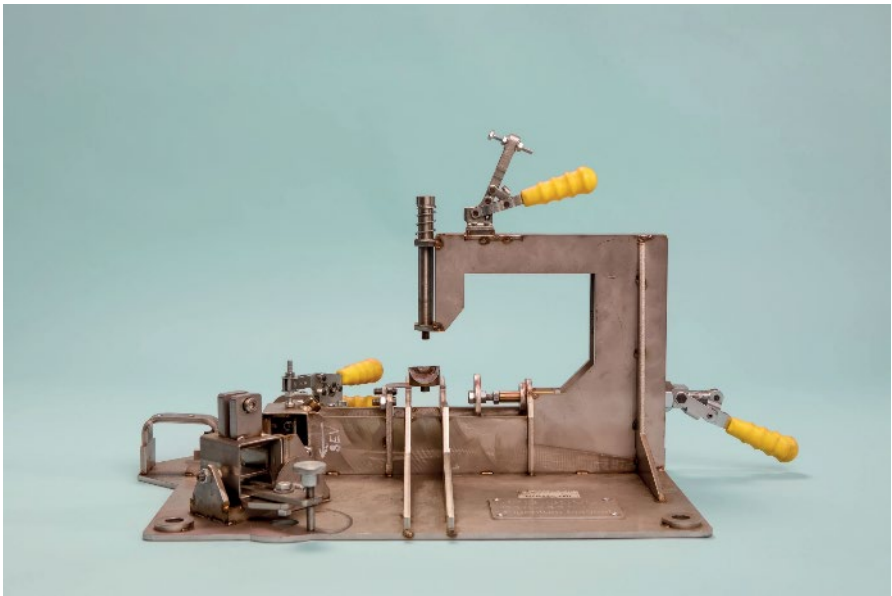
Products



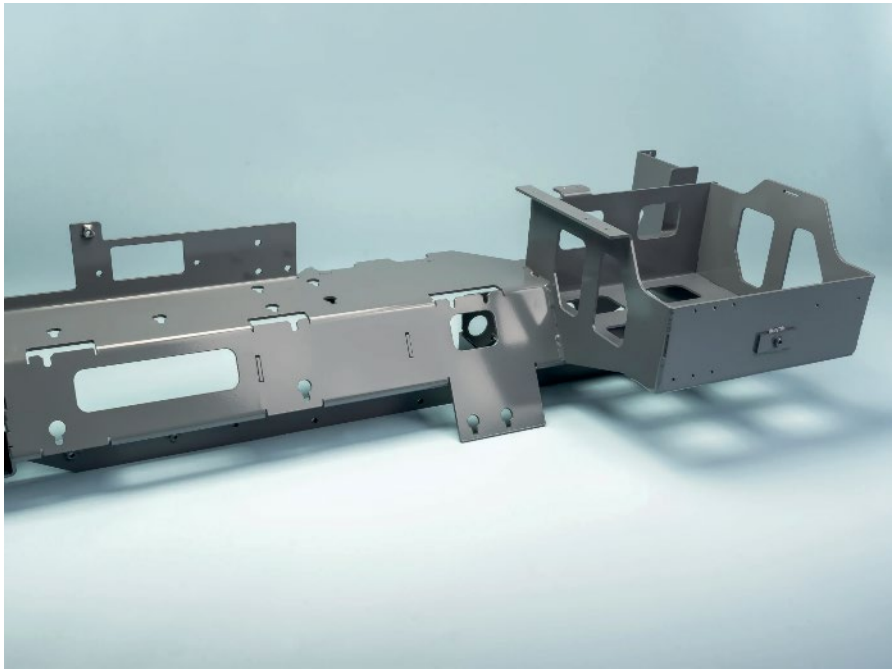
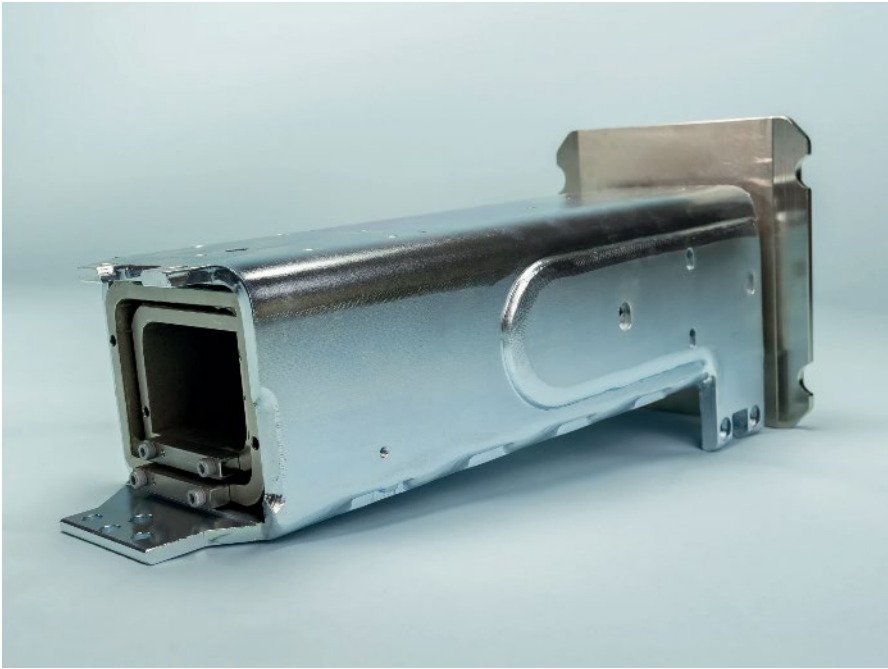
Products



Products



Products



Certification

Quality Management

- ISO 9001:2015



Welding

- Welding certificates for railway carriages acc. to EN ISO 3834-2, EN 15085 and ČD V 95/5

Others

- Certificate for Supplier to Czech Railways
- NDT for visual inspection, PT and MPT acc. to ISO 9712
- others



ISO 9712
Non-Destructive
Testing
Personnel
Certification

S e l e c t e d r e f e r e n c e s



Company contact

- 01 Executive director**
Ing. Martin Baumruk
+420 777 912 627
baumruk@baumruk.eu
- 02 Sales director**
Ing. Petr Matějka
+420 777 912 624
matejka.p@baumruk.eu
- 03 Sales manager – Germany**
Thomas Geiger
+49 152 045 704 90
geiger.t@baumruk.eu

