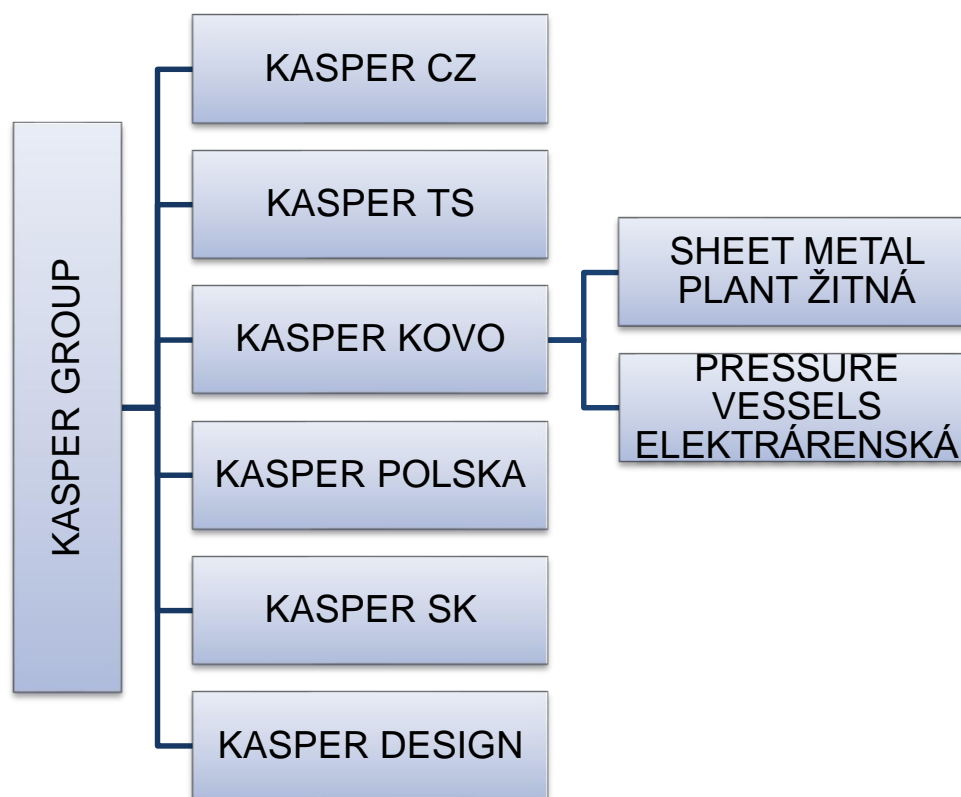




KASPER KOVO >

ORGANISATIONAL STRUCTURE



THE RELIABLE PARTNER IN SHEET METAL FABRICATION



HISTORY

- 1992** establishment of the company in Úpice
- 1999** first sheet-metal cutting laser installation
- 2001** moving into new premises in Trutnov, Žitná
- 2006** reconstruction of new premises in Trutnov (1. stage)
- 2011** extension with a new plant Elektrárenská (pressure vessels)
- 2012** certification according to international railways standards
- 2013** ASME certification of the plant Elektrárenská
- 2014** reconstruction of the plant Elektrárenská (1. stage)
- 2015** launch of Lean production principles implementation
- 2016** Successful implementation of lean processes such as 5S, shop floor management, etc.
- 2018** Establishment of automated and full robotic workplaces in Elektrárenská



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COMPANY PHILOSOPHY

- long term cooperation with all customers
- high quality level in production and flexible communication
- worldwide logistics
- separated material flow in production (steel vs. stainless-steel)



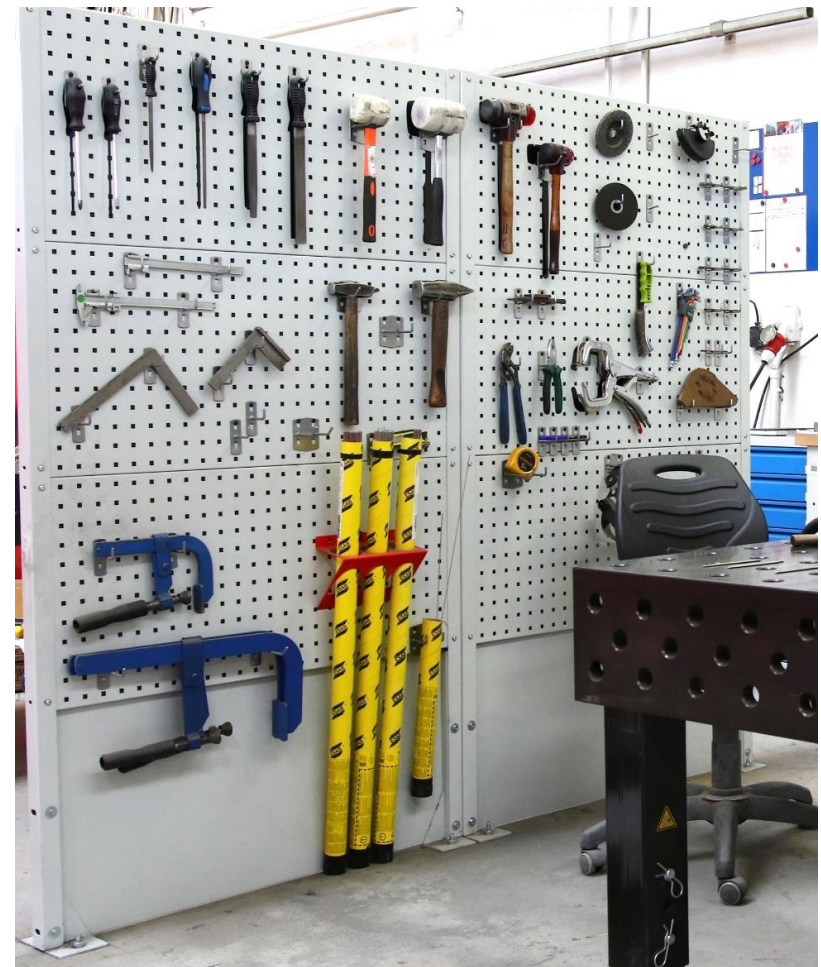
CORE COMPETENCES

- sheet-metal processing – small parts as well as complete devices (projects also batch production) – steel, stainless-steel, aluminium
- production incl. mechanical and electronic assembly
- flexible communication in world languages
- worldwide logistics
- development of products in 3D Solid Works
- focus on smaller and middle-sized production batches
- welding school



KEY DATA

- turnover in 2018 – 24,5 million EUR
(plan for 2019 – 25 million EUR)
- plant Elektrárenská appr. 8,5 million EUR
- export share – 70 %
- sheet – metal consumption 5 700 t per year
- 375 employees
- company in private ownership



KEY DATA

- Company certificates:

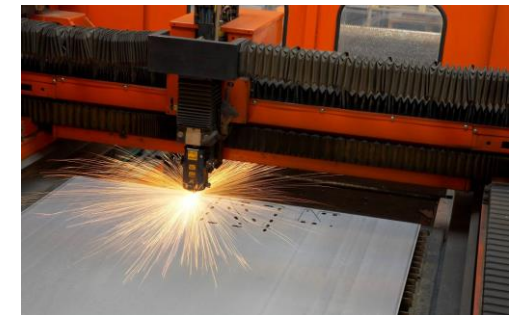
- EN ISO 9001:2009
- EN ISO 14001
- EN ISO 18001



- EN 15085, CL1 – international railways standards
- In 2017 the company started processes to implement IATF 16949 formerly TS 16949 standards (standard of the automotive industry)

MACHINES

- Lasers
 - BYSTAR 3,0 kW
 - TruLas 3030 Fiber 3,0 kW
 - BYSPEED 4,4 kW
 - BYSTAR 6,0 kW
 - TruLas 3030 Fiber 6,0 kW **new**
- Punching machine
 - TruMatic 5000
- Plasma cutting
 - Cutting thickness up to 40 mm



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MACHINES

- 1 bending machine SAFAN for steel
- 5 bending machines TRUMPF for steel **new**
- 1 bending machines TRUMPF for stainless-steel **new**



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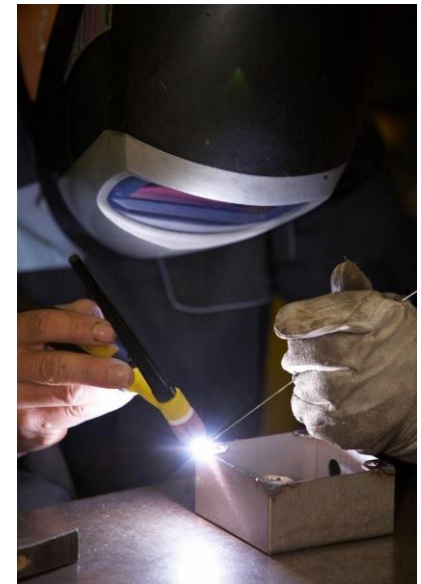
MACHINES

- Roll bending machine MG s.r.l. with the bending parameters
 - max. diameter 4,5 m
 - max. thickness 35 mm
 - length 3 m
- Roll bending machine MCA for thin sheets
 - max. thickness 6 mm
 - length 2 m
- Grinding / deburring machine COSTA



MACHINES

- Welding capacity (equipment ESAB)
 - 25 welding workplaces for steel
 - 10 welding workplaces for stainless-steel
- Spot welding Tecna 6 125 (180 kVA)

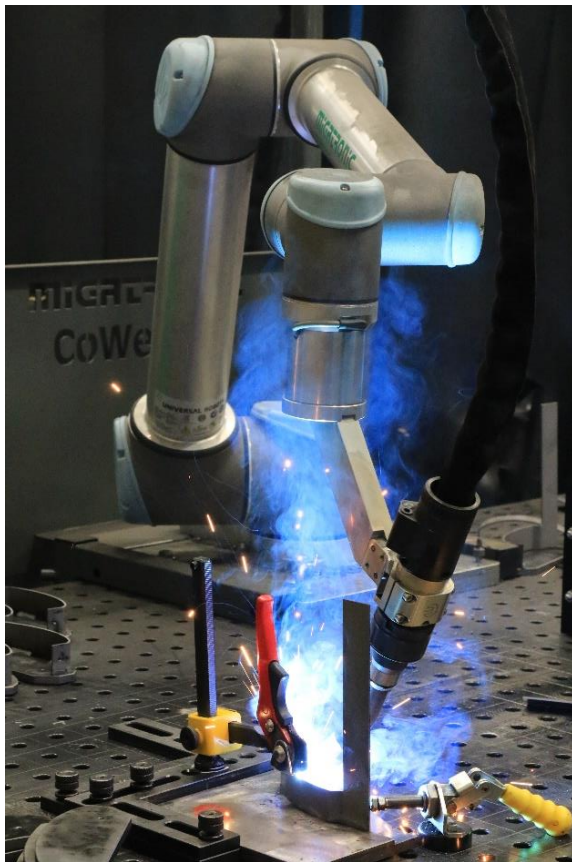


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MACHINES

Robotic-welding workplaces CLOOS and MIGATRONIC



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MACHINES

Robotic-welding workplaces CLOOS and MIGATRONIC



MACHINES

- Ceramic-blasting of stainless-steel
- Powder painting shop
 - max. size 3 x 2,2 x 1,2 m
 - max. weight of parts 300 kg
 - pre-treatment – phosphate coating and 3-phase water-spray rinsing
- Wet painting (plant Elektrárenská)
 - max. size 10 x 4 x 4 m
 - max. weight 25 000 kg
 - pre-treatment – blasting GH 40



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MACHINES

Powder painting shop



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BRANCHES

- Textile industry
- Infotainment devices
- Filtration devices
- Car industry (buses)
- Railways and trains
- CNC Machining
- Food industry
- Pharmaceutical industry
- Energy sector
- Water treatment systems



EXPORT RANGE

- Germany and Austria (20 %)
- Switzerland (30 %)
- Great Britain (5 %)
- Benelux (5 %)
- Sweden (15 %)
- Spain
- USA
- China and India...



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PRODUCTS

AGIE CHARMILLES, SWITZERLAND

Stainless steel housing



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PRODUCTS

FRITZ STUDER AG, SWITZERLAND

Grinding machine housing



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PRODUCTS

**L. KELLENBERGER & CO AG,
SWITZERLAND**

Grinding machine housing VARIA



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PRODUCTS

L. KELLENBERGER & CO AG, SWITZERLAND

Grinding machine housing H2000



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PRODUCTS

WINDMÖLLER UND HÖLSCHER, GERMANY

Extruder housing



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PRODUCTS

WINDMÖLLER UND HÖLSCHER, GERMANY

Dryer



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PRODUCTS

TORNOS SA, SWITZERLAND

ALMAC



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PRODUCTS

TORNOS SA, SWITZERLAND

EvoDeco

Machining housing



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PRODUCTS

TORNOS SA, SWITZERLAND

Multi XL

Part of a machining housing



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PRODUCTS

IVECO, CZECH AND EVOBUS DAIMLER, GERMANY

Chassis and interior-components for buses



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PRODUCTS

AUTOMATIC PLASTICS, GERMANY

Components for textile industry



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PRODUCTS

FAIVELEY TRANSPORTATION, GERMANY

Trains air conditions



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PRODUCTS

JBT FOODTECH, SWEDEN

Industrial freezers



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PRODUCTS

JBT FOODTECH, SWEDEN

Industrial freezers FPF



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PRODUCTS

JBT FOODTECH, SWEDEN

Industry freezer ADVANTEC



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PRODUCTS

OERLIKON, GERMANY

Components for textile industry



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PRODUCTS

LM WINDPOWER, DENMARK

Components for wind power stations



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PRODUCTS

GEA DELBAG LUFTECHNIK, GERMANY

Air filtration



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LOGISTICS

- WE OFFER ALL PRODUCTS INCLUDING THE POSSIBILITY OF A COMPLEX LOGISTICS



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THANK YOU FOR YOUR ATTENTION.





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