



**STRONG
AND RELIABLE**
SINCE 1960



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CUSTOM MANUFACTURING

MATERIAL PREPARATION



Cutting with band saws, max. diameter 350 mm
CNC laser cutting up to sheet thickness of 200 mm, max. dimensions 2,000 x 6,000 mm
CNC plasma cutting Hypertherm up to thickness of 25 mm, sheets 2,000 x 6,000 mm
Laser Trumpf - cutting of materials up to thickness of 20 mm, max. sheet dimensions 2,000 x 6,000 mm
Laser - RotoLas add-on for cutting profiles, max. diameter 420 mm and L = 6,000 mm
Shearing machine up to sheet thickness of 8 mm, max. cutting length 3,000 mm
Press brakes Trumpf up to 400 t, max. length 5,000 mm
Special-purpose machine for straight cutting of pipe ends

TOOLING SHOP



CNC turning with bar feeder with a magazine from dia 6 to dia 60 mm
CNC turning, max. diameter 500 mm, max. length 1,500 mm
Conventional turning, max. diameter 840 mm, max. length 2000 mm
CNC vertical milling, max. travel 2,000 x 870 mm, table carrying capacity 1,800 kg
CNC horizontal milling, max. travel 2,500 x 2,000 x 1,500 mm, table carrying capacity 15,000 kg
Round grinding, max. diameter 280 mm, max. length 1,000 mm
Surface grinding, max. dimensions 300 x 1,000 mm
Broaching and inner key groove cutting at tolerance P9
CNC milling of toothed racks, modules 4, 5, 6 and 8, max. length 2,100 mm
CNC milling of gears, modules 6 and 8



AL AND STAINLESS STEEL PLATES

Surface etching laser, working area 300 x 300 mm
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USE THE PRODUCTION CAPACITY OF OUR MODERN ROBOTIC FACILITY, WHICH HELPS US RANK AMONG THE WORLD'S TOP LIFTING EQUIPMENT MANUFACTURERS.

Our production processes comply with requirements of ČSN EN ISO 9001:2016 quality management system.

Our welding process is certified under ČSN EN ISO 3834-2 and ČSN EN 1090-2.

SALES DIRECTOR

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WELDING

Manual welding

MAG (CO₂, mixed gas)

MIG (inert gas – Al, stainless steel)

TIG (Al, stainless steel)

Robotic welding

Arm scope 2 m, rotary manipulator span 2.4 m, carrying capacity 1,000 kg, turning diameter 1.2 m, inclination +/- 145°

Large factory shop with overhead cranes a carrying capacity of 12,500 kg and working height of 8 m

ANNEALING

Annealing of cut pieces, cast iron and weldments, internal furnace dimensions 1,300 x 600 x 400 mm, carrying capacity 700 kg

SURFACE PROTECTION

Sand blasting

Manual – in air exhaust box 6 x 9 x 4 m

Automated – combined table and suspension blaster, turntable diameter 1,500 mm, turntable carrying capacity 2,300 kg, max. height of suspended parts 1,200 mm

Paint shop

Paint systems applied for environmental corrosion aggressiveness classes C 1 - C 5 M are made using high-quality solvent-based paints

> Degreasing box with high-pressure equipment

> 2 paint boxes 6 x 9 x 5 m with air exhaust + drying kiln at increased temperatures