



MACHINE LIST

As of 04/2020

Sheet Metal Processing

- Laser Trumpf TC L 3030 (3000W)
- sheet size max. 3000x1500 mm
- mild steel up to max. 20mm
- stainless steel up to max. 12 mm
- aluminium up to max. 8mm

Laser Trumpf TC L 2030 plus (4000W)

- sheet size max. 3000x1500mm
- mild steel up to max. 20mm
- stainless steel up to max. 20mm
- aluminium up to max. 16mm
- copper & brass up to max 8mm

CNC bending press TruBend 5130 (X) (B23) (1300kN)

- bending length 3230mm
- CNC controlled crown system
- 6-axis limit stop system

CNC bending press Truma Bend V500 (500kN)

- bending length 1275mm
- 5-axis limit stop system

Hydraulic single-column press WMW (250kN)

- table size 500x500mm

Hydraulic single column press

- Zeulenroda Presstechnik GmbH (150kN)
- Table size 400x400mm

Tube Processing

- Laser Trumpf Tubematic (automatic) workpiece magazine
- loading and clamping system for round, square and various profiles (2700W)

Tubematic (2700W):

- 20 to 150mm envelope circle, length 6500mm
- mild steel up to max. 6mm
- stainless steel up to max. 6mm
- aluminium up to max. 4mm
- brass up to max. 1.5mm
- depending on outer diameter
- max. length 6000mm

Turning Machine

- CNC CMZ TC-25-YS-800+GL20II
- CNC controlled main spindle and counter spindle
- with Y-axis; Z=800mm
- max. Ø 270mm and max. 289mm length with automatic robot loading
- max. 10 kg / part
- bar feeding system 1.20m length with max. Ø 65mm
- CNC EMCO E65
- peak length 520mm
- max. diameter 310mm

- Milling Machine
- Machining center AXA with NC rotary table
- tool path X1720Y 500 Z600mm
- Machining center FAMUP MMV 160-65 EMCO
- tool path X1600 Y650 Z600mm

- Machining center EMCO MILL E1200
- tool path X1200 Y550 Z500mm

- Machining center MAZAK mit Palettenwechsler
- tool path X1000 Y500 Z400mm

- Machining center Hedelius RS805 K23 Magnum IC 5-axis milling machine
- tool path X2300 Y800 Z600mm
- interfering edge diameter 800mm
- 5-axis simultaneous milling

- Universal milling machine
- tool path X300 Y170 Z300mm

Machining center with automatic robot-assisted workpiece loading

- tool path X1060 Y600 Z560 mm
- mounting table 1200 x 600mm

Welding

- Welding robot Cloos
- MAG and MIG power 60% (350A)
- mounting table / two-stage tool positioning with 3 axis
- X2000 Y800 Z400mm
- max. load 10kN / workstation

Welding robot Panasonic with state of the art welding process technology

- MAG/MIG
- WIG
- mounting table / two-stage tool positioning
- X2000 Y800 Z400mm

Spot welding machine Kuka

- power input 83.5 kVA

Spot welding machine Nimka

- power input 140 kVA

9 welding workstations

- for mild steel; aluminium and stainless steel
- WIG/MIG; MAG and pulse welding



Other Machinery

- Rotation brushing machine Timesavers
- tool path 1350mm with wet extraction
- parts dim min. 50x50mm

Automatic circular saw Eisele

- max. round diameter 50mm
- max. square diameter 80mm

Band saw Deiß + Partner

- cutting range 320mm round material
- cutting range 320x320 mm square material
- mitre cut one-sided up to max. 30°
- automatic feed

Barrel finishing machine Walther Trowal with dehydration

- workpieces up to 280mm

CNC threading machining for M2 – M10

- X1250 Y1250 Z80

Thread-cutting machine

- 2x
- M3 to M27

Box column drill Alzmetall

- 4x

Bench drill Ixion

- 3x

Hand operated tapping arm

- M3 to M12

manual glass-bead blasting cabin

- Cabin Size X1100 Y660 Z816

3D-measuring arm ROMER Infinite 2.0

- measuring range 2400mm
- single point repeatability +/- .020mm
- 3D-longitudinal measurement error +/-0.029mm