

Milling:

Lid Maho DMU 125 P

- 5-axis machining center
- Travel paths: x: 1,250 mm / y: 850 mm / z: 800 mm
- Tool changer: 60-fold
- 5 axes simultaneous

DMG Mori DMU 80 P duoBlock

- 5-axis machining center
- Travel paths: x: 800 mm / y: 1,050 mm / z: 800 mm
- Tool changer: 120-fold
- 5 axes simultaneous

Quaser UX 500 C

- 5-axis machining center
- Travel paths: x: 712 mm / y: 508 mm / z: 515 mm
- Tool changer: 60-fold
- 5 axes simultaneous
- incl. loading and unloading robot Robojob

Spinner, Type MVC 610

- Vertical machining center
- Travel paths: x: 610 mm / y: 580 mm / z: 560 mm
- Tool changer: 24-fold
- ICS: 20 bar

Spinner, Type VC 750 XL

- Vertical machining center
- Travel paths: x: 950 mm / y: 460 mm / z: 460 mm
- Tool changer: 32-fold
- ICS: 40 bar

Spinner, Type MVC 1100

- Vertical machining center
- Travel paths: x: 1100 mm / y: 610 mm / z: 610 mm
- Tool changer: 32-fold
- ICS: 40 bar

Mori Seiki NH 4000 DCG

- Horizontal machining center with pallet changer
- Travel paths: x: 560 mm / y: 560 mm / z: 630 mm
- Tool changer: 120-fold
- ICS: 70 bar

Fanuc Robodrill a-T21iEL

- 4-axis machining center
- Travel paths: x: 700 mm / y: 400 mm / z: 330 mm
- Tool changer: 22-fold
- 3 + 1 axes

Turning:

Okuma Multus B 400 W 1500

- CNC turning-milling center
- Spindle and counter spindle
- 7 axes
- max. turning diameter: 710 mm
- 40 tools

Okuma LU 400

- CNC lathe
- max. turning diameter: 400 mm
- max. turning length: 750 mm
- 2-fold tool turret with driven tools
- incl. loading and unloading robot Robojob

Okuma LU 300

- CNC lathe
- max. turning diameter: 300 mm
- max. turning length: 500 mm
- 2-fold tool turret with driven tools

Okuma LB 3000

- CNC lathe
- max. turning diameter: 340 mm
- max. turning length: 1000 mm
- 12 driven tool stations

Pittler, Type PV1000/1-1

- CNC vertical lathe
- max. turning diameter: 1,100 mm
- max. turning length: 600 mm

Mori Seiki SL 25 M

- CNC lathe
- max. turning diameter: 250 mm
- max. turning length: 500 mm
- 12-fold tool turret, of which 6 are driven tools

Emco, Type Emcoturn 140 – Quantity: 3

- CNC lathe
- max. turning diameter: 150 mm
- max. turning length: 400 mm
- 8-fold tool turret

DF Böhlinger, Type V5

- max. turning diameter: 680 mm
- max. turning length: 1500 mm

Measuring:

3D coordinate measuring machine, Wenzel LH 10-12-8

- with rotary swivel head and probe changer
- Measuring range: x: 1,000 mm / y: 1,200 mm / z: 800 mm
- Accuracy MPE = from $1.4 \mu\text{m} + L/350$ (L in mm)

3D coordinate measuring machine, Wenzel CMM

- Measuring range: x: 500 mm / y: 450 mm / z: 400 mm
- Accuracy MPE = from $3.5 + L/300 \mu\text{m}$

Furthermore, our equipment includes:

- Bandsaw automatic, cutting range max. 400 mm
- Welding system MIG / MAG incl. rotary table
- Thread cutting devices