



List of machines

Lathes

MAZAK CNC - lathe

Model QUICK TURN 15 NU, refurbished 2017, with automatic feeding for hard turning processing

| | |
|-----------------|---------------|
| Turning range: | Ø 20 - 300 mm |
| Turning length: | 510 mm |
| Output: | 15 kW |

MAZAK CNC - lathe

Model QUICK TURN 18 NU, refurbished 2016, with automatic feeding for hard turning processing

| | |
|-----------------|---------------|
| Turning range: | Ø 20 - 300 mm |
| Turning length: | 510 mm |
| Output: | 15 kW |

MAZAK CNC - lathe

Model QUICK TURN 20, year of manufacture: 1997

| | |
|-----------------|---------------|
| Turning range: | Ø 20 - 300 mm |
| Turning length: | 446 mm |
| Output: | 15 kW |

MAZAK CNC - lathe

Model QUICK TURN 20, year of manufacture: 1998

| | |
|-----------------|---------------|
| Turning range: | Ø 20 - 300 mm |
| Turning length: | 446 mm |
| Output: | 15 kW |



MAZAK CNC - lathe

Model QUICK TURN 20, year of manufacture: 1998

| | |
|-----------------|---------------|
| Turning range: | Ø 20 - 300 mm |
| Turning length: | 446 mm |
| Output: | 15 kW |

MAZAK CNC - lathe

Model QT Nexus 200, 12 tool positions, year of manufacture: 2005, with bar loader 3 m

| | |
|-----------------|----------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 510 mm |
| Output: | 26 kW |
| max. bar Ø: | 65 mm |

MAZAK CNC - lathe

Model QT Nexus 250, 12 tool positions, year of manufacture: 2010, with short bar loader

| | |
|-----------------|----------------|
| Turning range: | up to Ø 380 mm |
| Turning length: | 510 mm |
| Output: | 26 kW |
| max. bar Ø: | 75 mm |

MAZAK CNC - lathe

Model QT Smart 350, 12 tool positions, year of manufacture: 2011, with short bar loader

| | |
|-----------------|----------------|
| Turning range: | up to Ø 420 mm |
| Turning length: | 1250 mm |
| Output: | 30 kW |
| max. bar Ø: | 102 mm |

MAZAK CNC - lathe

Model QT Smart 200, 12 tool positions, year of manufacture: 2011, with short bar loader

| | |
|-------------------|----------------|
| Turning diameter: | up to Ø 350 mm |
| Turning length: | 510 mm |
| Output: | 18,5 kW |
| max. bar Ø: | 65 mm |



MAZAK CNC - lathe

Model QT Smart 200, 12 tool positions, year of manufacture: 2011, with short bar loader

| | |
|-------------------|----------------|
| Turning diameter: | up to Ø 350 mm |
| Turning length: | 510 mm |
| Output: | 18,5 kW |
| max. bar Ø: | 65 mm |

MORI SEIKI CNC - lathe

Model NLX2500SY/700, 12 tool positions, year of manufacture: 2016, with short bar loader

| | |
|-------------------------|----------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 700 mm |
| Output main spindle: | 18,5 kW |
| Output opposed spindle: | 11,5 kW |
| max. bar Ø: | 80 mm |

MORI SEIKI CNC - lathe

Model NLX2500SY/700, 12 tool positions, year of manufacture: 2018, with short bar loader

| | |
|-------------------------|----------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 700 mm |
| Output main spindle: | 18,5 kW |
| Output opposed spindle: | 11,5 kW |
| max. bar Ø: | 80 mm |

MORI SEIKI CNC - lathe

Model NLX2500SY/700, 12 tool positions, year of manufacture: 2018, with short bar loader

| | |
|-------------------------|----------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 700 mm |
| Output main spindle: | 18,5 kW |
| Output opposed spindle: | 11,5 kW |
| max. bar Ø: | 80 mm |



MORI SEIKI CNC - lathe

Model NLX2500SY/700, 20 tool positions, year of manufacture: 2022, with short bar loader

| | |
|-------------------------|------------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 700 mm |
| Output main spindle: | 22 kW – 1.025 Nm |
| Output opposed spindle: | 11 kW – 95,5 Nm |
| max. bar Ø: | 100 mm |

MORI SEIKI CNC - lathe

Model NLX2500SY/700, 20 tool positions, year of manufacture: 2023, with short bar loader

| | |
|-------------------------|------------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 700 mm |
| Output main spindle: | 22 kW – 1.025 Nm |
| Output opposed spindle: | 11 kW – 95,5 Nm |
| max. bar Ø: | 100 mm |

MORI SEIKI CNC - lathe

Model NLX2000/500, 20 tool positions, with Gantry loader system GX-05, year of manufacture: 2023

| | |
|-------------------------|----------------|
| Turning range: | up to Ø 350 mm |
| Turning length: | 500 mm |
| Output main spindle: | 22 kW |
| Output opposed spindle: | 11 kW |

MORI SEIKI CNC - lathe

Model NZX2000/800SY, 2 x 16 tool positions, year of manufacture: 2014, with short bar loader

| | |
|-------------------------|----------------|
| Turning range: | up to Ø 300 mm |
| Turning length: | 800 mm |
| Output main spindle: | 25/22 kW |
| Output opposed spindle: | 25/22 kW |
| max. bar Ø: | 65 mm |



MORI SEIKI CNC - lathe

Model NZX2000/800SY, 2 x 16 tool positions, year of manufacture: 2018, with short bar loader

| | |
|-------------------------|----------------|
| Turning range: | up to Ø 300 mm |
| Turning length: | 800 mm |
| Output main spindle: | 25/22 kW |
| Output opposed spindle: | 25/22 kW |
| max. bar Ø: | 80 mm |

Grinders

CNC - internal and external grinder

STUDER S33_1045, year of manufacture: 2024, with rotating dressing spindle, pneumatic power chuck, synchronous tailstock and app-based C.O.R.E. control as well as active cooler for cooling lubricant and spindle

| | |
|------------------|----------------|
| Grinding area: | up to Ø 350 mm |
| Grinding length: | up to 1000 mm |
| Output: | 22 kW |

CNC - internal and external grinder

STUDER S33_1045, year of manufacture: 2019, with rotating dressing spindle as well as active cooler for cooling lubricant and spindle

| | |
|------------------|----------------|
| Grinding area: | up to Ø 350 mm |
| Grinding length: | up to 1000 mm |
| Output: | 22 kW |

External grinder

STUDER S30-1, refurbished 2023, with a MOVOMATIC measurement control system

| | |
|------------------|----------------|
| Grinding area: | up to Ø 250 mm |
| Grinding length: | up to 1000 mm |
| Output: | 5,5 kW |



Universal circular grinder

STUDER S20-2 favorit, refurbished 2023, with internal grinding spindle

| | |
|------------------|----------------|
| Grinding area: | up to Ø 200 mm |
| Grinding length: | up to 400 mm |
| Output: | 3 kW |

Internal cylindrical grinding machine

JUNG C8, refurbished 2009, equipped with Autoplan

| | |
|------------------|---------------|
| Grinding area: | up to Ø 60 mm |
| Grinding length: | up to 90 mm |
| Output: | 6 kW |

Surface grinder

BRAND COMPACT 600, refurbished 1997

| | |
|----------------|------------|
| Grinding area: | 0,5-200 mm |
| Output: | 3,6 kW |

Robots / measuring machines / other machines

Robots

3 pcs. DMG MORI AUTOMATION Robo2Go, 6 axis industrial robot, flexible workpiece loading and unloading system, workpiece storage and deposit, connection to MAPPS V control, year of manufacture: each 2023

3D measuring machines

Carl Zeiss ScanMax, accuracy class 4,5 µm, refurbished 2017

Mitutoyo Crysta Apex S 7106, accuracy class 1,7 µm, year of manufacture: 2011

Mitutoyo Strato Apex 7106, accuracy class 0,7 µm, year of manufacture: 2023

Contour und concentricity measuring machines

Mitutoyo Contracer CV-3100H8, year of manufacture: 2006

Mitutoyo Roundtest RA-2200AH, accuracy class 0,5 µm, year of manufacture: 2015



Laser marking

Fiber laser station GRAVOTECH TF420 Lasertop, year of manufacture: 2016

| | |
|---------------|--------------|
| Marking area: | 110 x 110 mm |
| Laser output: | 20 W |

Slide grinding

Centrifugal disc finishing machine TE 6 HD

| | |
|----------------|----------|
| Vessel volume: | 6 litres |
| Vessel Ø: | 210 mm |
| Output: | 0,25 kW |

HERTWECK universal roller stamping machine

Model K 4.1

| | |
|-----------------------|---------|
| Stamping force: | 20 kN |
| Length of die holder: | 170 mm |
| max. stamp Ø: | 200 mm |
| Output: | 0,55 kW |

IMATEC AV 32 upright drilling machine

spindle cone: MK

Workshop press Flexipress Stenhoj

60 tons

As per April 2024