

MACHINE EQUIPMENT

CNC Milling

DMG CNC Universal Milling Machine DMU 80 P “duoBlock”:

- CNC rotary table, internal cooling supply, infrared measuring probe
- Universal milling head, 5-axis with controlled B-axis
- Tool magazine with 120 magazine pockets
- X / Y / Z axis 800 mm x 800 mm x 800 mm / 31.5 " x 31.5 " x 31.5 "
- Main drive 12,000 rpm
- Year of manufacture: 2007

DMG CNC Universal Milling Machine DMU 75 “monoBlock”:

- CNC rotary table, internal cooling supply, infrared measuring probe
- Universal milling head, 5-axis with controlled B-axis
- Tool magazine with 60 magazine pockets
- X / Y / Z axis 750 mm x 650 mm x 560 mm / 29.5 " x 25.2 " x 21.7 "
- Main drive 18,000 rpm
- Year of manufacture: 2014

DMG CNC Universal Milling Machine DMU 60 P “duoBlock”:

- CNC rotary table, internal cooling supply, infrared measuring probe
- Universal milling head, 5-axis with controlled B-axis
- Tool magazine with 60 magazine pockets
- X / Y / Z axis 600 mm x 700 mm x 600 mm / 23.6 " x 27.5 " x 23.6 "
- Main drive 18,000 rpm
- Year of manufacture: 2013

DMG CNC Universal Milling machine DMU 60 eVo

- CNC rotary table, internal cooling supply, infrared measuring probe
- Tool magazine with 60 magazine pockets
- X / Y / Z axis 600mm x 500mm x 500mm / 23,6" x19,7" x19,7"
- Main drive 18,000rpm
- With Lang Eco-Compact 20 workpiece storage and handling system
- Year of manufacture: 2016

DMG CNC Universal Milling machine DMU 60 eVo Linear

- CNC rotary table, internal cooling supply, infrared measuring probe
- Tool magazine with 120 magazine pockets
- X / Y / Z axis 600mm x 500mm x 500mm / 23,6" x19,7" x19,7"
- Main drive 18,000rpm
- With Lang Robo Trex 60 workpiece storage and handling system
- Year of manufacture: 2019

DMG CNC Universal Milling Machine DMU 60 P "hi-dyn":

- CNC rotary table, internal cooling supply, infrared measuring probe
- Universal milling head, 5-axis with controlled B-axis
- Tool magazine with 30 magazine pockets
- X / Y / Z axis 600 mm x 600 mm x 700 mm / 23.6 " x 23.6 " x 27.5 "
- Main drive 12,000 rpm
- Year of manufacture: 2002

DMG CNC Universal Milling Machine DMU 50:

- Swivel rotary table, 5-axis, internal cooling supply
- Tool magazine with 16 magazine pockets
- X / Y / Z axis 500 mm x 400 mm x 400 mm / 19.7 " x 15.7 " x 15.7 "
- Main drive 10,000 rpm
- Year of manufacture: 2007

HAAS CNC Universal Milling Machine VF-2:

- Vertical Machining Center, infrared measuring probe
- Tool magazine with 20 magazine pockets
- X / Y / Z axis 762 mm x 406 mm x 508 mm / 30 " x 16 " x 20 "
- Main drive 10,000 rpm
- Year of manufacture: 2011

DMG UNO 20 | 40 Tool Presetter:

- With autofocus function, max. tool diameter 400 mm / 17.7 "
- Year of manufacture: 2014

Programming

Two 3D-CAM hyperMILL workstations:

- 5-axis modules
- Standard interfaces such as STEP, DXF and DWG

CNC Turning

Gildemeister CTX beta 800 CNC Universal Turning Machine:

- With C-axis and 12 driven tools
- Clamping tube inner diameter 65 mm / 2.6 ",
- max. work piece length 850 mm / 33.5 "
- Turning diameter 410 mm / 16.1 in
- Year of manufacture: 2014

Gildemeister CTX 410 CNC Turning Centre:

- With C-axis and 12 driven tools
- Clamping tube inner diameter 65 mm / 2.6 ",
- max. work piece length 600 mm / 23.6 "
- Turning diameter 365 mm / 14.4 in
- Year of manufacture: 2006

Grinding

ELB High-Precision Flat Grinding Machine Smartline BD10:

- With CNC control
- Grinding area 1,000 mm x 600 mm / 39.4" x 23.6"
- Year of manufacture: 2015

Sawing

Kastowin A3.3 bandsaw:

- Cutting range 330 mm x 350 mm / 13 " x 13.78 "
- Year of manufacture: 2014

Drilling

WEBO 4 Spindle Vertical Boring Machine:

- Manually operated

Welding

Miller Millermatic 251 MIG Welder

Fronius Magic Wave 2600 TIG Welder

Parts Cleaning

ELMA Ultrasonic Cleaning Machine

Quality Assurance

HEXAGON Global advantage 7.10.7 CMM:

- X / Y / Z axis 700 mm x 1,000 mm x 700 mm / 27.6 " x 39.4 " x 27.6 "
- Year of manufacture: 2014

FARO Gage Measurement Arm:

- 1.2 m / 4 ft. spherical working volume
- Year of manufacture: 2012

Tesa Hite 600 Plus D Hight Gauge:

- Measuring span 600 mm / 24"

Garant HCI Digital Hight Gauge:

- Measuring span 600 mm / 24"

Mahr Surface Roughness Gage:

- With MSP 2 printer

Services

Assembly services for:

- Sub-assemblies
- Assemblies
- Fixtures
- Workstations