

## Machine list

### Measuring Equipment

#### Zeiss Accura II – 16/30/10 (May 2019)

##### Facts

Working range X= 1600 mm

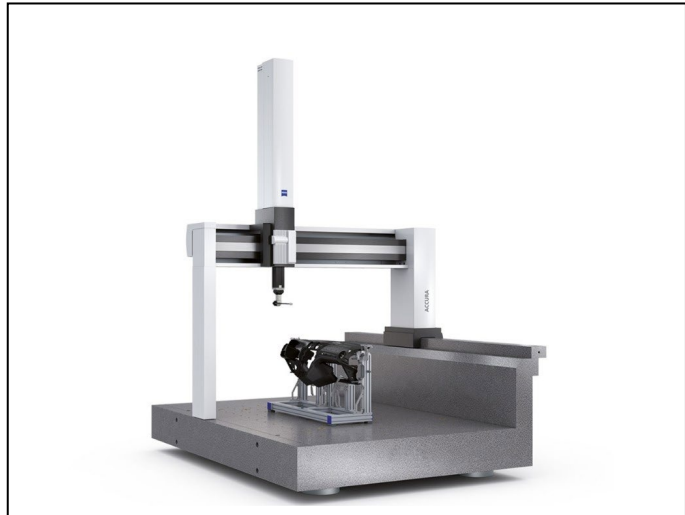
Working range Y= 3000 mm

Working range Z= 1000 mm

Automatically Probe change

VAST Scan sensor for scan function

Software: Calypso



#### Zoller Smile 800

##### Facts

Working range Z= 800 mm

Working range diam = Ø420 mm

Software: Pilot 2 mT



## Faro Edge

### Facts

Working range Ø2700 mm

Software: Calypso



## Vibrationsutrustning



**VIBMATIC<sup>®</sup> 6000**  
Eigenspannungsabbau durch Vibration

+Various manual measuring equipment

## Machining Equipment

### Okuma V920EX

Vertical lathe for machining with accuracy and stability of smaller parts and thin walled products.  
Equipped with High Coolant Pressure 70 bar.

#### Facts

Max working diam: Ø920 mm  
(rebuilt for Ø1100 mm)  
Max lathe height: 860 mm  
Max weight: 1200 kg  
ATC magazine 8 stations  
(1 station for Capto C6 with external tool  
changer ATC-8)  
Table dia.: Ø800 mm (1250 rpm)



### Okuma MU-8000V-L

5-axis Vertical multifunction machine for complete machining of complex details with high accuracy and finish. Simultaneous machining with various help systems for highest accuracy. Renishaw measuring probe for automatically measuring in machine.

#### Facts

Working range X= 925 mm  
Working range Y= 1050 mm  
Working range Z= 600 mm  
ATC Magazine with 160 tools (HSK-A63)  
Table Diam: Ø800 mm (800 rpm)  
Max working diam: Ø1000 mm  
Max lathe height: 600 mm  
Max table load: 700 kg



## Okuma VTM-2000YB

Vertical multifunction machine for complete machining of complex details with high accuracy and finish. Simultaneous machining with various help systems such as Machining Navi, Collision Avoidance System och Thermo Friendly Concept for highest accuracy and Equipped with High Coolant Pressure 70 bar. Renishaw measuring probe for automatically measuring in machine.

### Facts

Working range X= 1600 mm  
Working range Y= 1600 mm  
Working range Z= 1400 mm  
ATC Magazine with 36 tools (HSK-A100)  
Table Diam: Ø2000 mm  
Max swing: Ø2400 mm  
Max lathe height: 1400 mm  
Max table load: 10000 kg



## Alex-Tech VIPER VTL 20/24

Vertical lathe for machining of large complex details with.

### Facts

C-Axis with driven tools.  
ATC Magazine with 9 fixed + 9 driven tools .  
Table Diam: Ø2000 mm  
Max swing: Ø2400 mm  
Max lathe height: 1500 mm  
Max table load: 20000 kg



## Tajmac-ZPS MCV 1210

5-axis Machining Centre, gantry type.

HSM spindle 18000 rpm, HSK63 A. Blum Measuring probe for automatically measuring of work piece in machine. Simultaneous 5-axis machining or 3+2 indexing. Removable dock to 3-axis version with fixed table.

### Facts

Working range 5-axis.

Working range X= 1000 mm

Working range Y= 800 mm

Working range Z= 600 mm

Max table load: 700 kg

Max Swing diam. Ø820 mm

Working range 3-axis.

Working range X= 1200 mm

Working range Y= 1000 mm

Working range Z= 600 mm

Max table load: 3000 kg

Max work piece 1000 x 800 x 700 mm



## Makino V55

HSM Machining Centre 3-axis, 20000 rpm,  
HSK63 A.

### Facts

Working range X= 900 mm

Working range Y= 500 mm

Working range Z= 650 mm

Max table load: 1000 kg



## **MASTURN 70 CNC**

CNC Lathe (Teach-In)

### **Facts**

Max swing over bed: Ø820 mm

Max swing over tail stock: Ø530 mm

Length: 3000 mm

Spindle hole: Ø128 mm



## **MTE BF-3200**

Machining Centre (Bed Type) for machining of large complex details in 3+2+1 axis.

ISO 50 Cone. HSM Spindle with 30000 rpm.

Universal Head with indexing in 2 axes.

Rotary Table as C-axis or A-axis for simultaneous machining.

### **Facts**

Working range X= 3000 mm

Working range Y= 1500 mm

Working range Z= 1500 mm

Max table load: 12000 kg



## Makino SNC64 Graphite

HSM Machining Centre 3-axis for Graphite- or Finishing.

HSM spindle 30000 rpm, HSK63-F

3R reference system.

Equipped with Vacuum extraction for dust.

### Facts

Working range X= 600 mm

Working range Y= 400 mm

Working range Z= 400 mm

Max table load: 300 kg

Max work piece 750 x 550 x 400 mm



## Makino U6 H.E.A.T.

Trådnist. Badmaskin. (New 2023)

### Fakta

Working range X = 650 mm

Working range Y = 450 mm

Working Range Z = 420 mm

U = +-75 mm V = +- 75 mm

Max workpiece 1000 x 800 x 420 mm





### Makino U53 Tj

Wire EDM Machine.

#### Facts

Working range X= 550 mm

Working range Y= 370 mm

Working range Z= 420 mm

U = +-50 mm V = +- 50 mm

Max work piece 960 x 690 x 420 mm



### Makino U53 K

Wire EDM Machine.

One machine are rebuilt for EDM-machining of rings with max diameter  $\varnothing$ 2400 mm.

#### Facts

Working range X= 550 mm

Working range Y= 370 mm

Working range Z= 320 mm

U = +-35 mm V = +- 35 mm

Max work piece 960 x 690 x 320 mm



### Makino EDNC65 S



Sink EDM machine.

With C-axis. ATC Magazine with 3R reference system.

### Facts

Working range X= 650 mm

Working range Y= 450 mm

Working range Z= 350 mm

Max work piece 1100 x 750 x 450 mm



Other machine equipment:

Manual lathe, manual milling machines, face grinding machine, manual sink EDM machines etc,

CAD/CAM-equipment:

**Siemens NX (New 2023)**

SolidWorks, CamWorks, TopSolid/Mould, PowerShape, PowerMill.

(we accept the most common cad-formats in original).