



CNC-Draaien / CNC-Drehen / CNC-Turning



Gildemeister Sprint 65

No. of axles	10
Sub spindle	Yes
No. of turrets	3
Tools	Yes
Bar feeding	Yes
Passage	76 mm
Gantry robot	No
Operating system	Fanuc



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Victor 26

No. of axles	3
Sub spindle	No
No. of turrets	1
Tools	Yes
Bar feeding	Yes
Passage	81 mm
Gantry robot	No
Operating system	Fanuc

CNC-Draaien / CNC-Drehen / CNC-Turning



Victor 26

No. of axles	3
Sub spindle	No
No. of turrets	1
Tools	Yes
Bar feeding	Yes
Passage	76 mm
Gantry robot	No
Operating system	Fanuc



Victor 26

No. of axles	3
Sub spindle	No
No. of turrets	1
Tools	Yes
Bar feeding	Yes
Passage	76 mm
Gantry robot	No
Operating system	Fanuc



Daewoo Puma 350

No. of axles	3
Sub spindle	No
No. of turrets	1
Tools	Yes
Bar feeding	Yes
Passage	116 mm
Gantry robot	No
Operating system	Fanuc



Victor VT+

No. of axles	3
Sub spindle	No
No. of turrets	1
Tools	No
Bar feeding	Yes
Passage	56 mm
Gantry robot	No
Operating system	Fanuc



Victor VT+

No. of axles	3
Sub spindle	No
No. of turrets	1
Tools	No
Bar feeding	Yes
Passage	56 mm
Gantry robot	No
Operating system	Fanuc



Nakamura NTY3

No. of axles	12
Sub spindle	Yes
No. of turrets	3
Tools	Yes
Bar feeding	Yes
Passage	66 mm
Gantry robot	No
Operating system	Fanuc



Nakamura NTY3

No. of axles	12
Sub spindle	Yes
No. of turrets	3
Tools	Yes
Bar feeding	Yes
Passage	66 mm
Gantry robot	No
Operating system	Fanuc



Nakamura NTY3

No. of axles	12
Sub spindle	Yes
No. of turrets	3
Tools	Yes
Bar feeding	Yes
Passage	66 mm
Gantry robot	No
Operating system	Fanuc



CNC-Frezen / CNC-Fräsen / CNC-Milling



OKK HMC 500

- Flexible manufacturing systems
- 24/7 unmanned production
- Produces and supplies independently
- Carries out different orders independently
- Loaded by Fastems
- 178 tools



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OKK HMC 500

- Flexible manufacturing systems
- 24/7 unmanned production
- Produces and supplies independently
- Carries out different orders independently
- 48 pallet spaces
- 178 tools



OKK HMC 500

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- 178 tools



Victor 125

No. of axes	4
Spindle position	Vertical
Range X	1250
Range Y	560
Range Z	610
Pallet change	No
Tools	15
Operating system	Fanuc



OKK HM400

- Flexible manufacturing systems
- 24/7 unmanned production
- Produces and supplies independently
- Carries out different orders independently
- Loaded by Fastems
- 300 tools



CNC-Frezen / CNC-Fräsen / CNC-Milling



OKK HM X6000

No. of axes	5
Spindle position	Horizontal
Range X	1050
Range Y	900
Range Z	820
Pallet change	Yes
Tools	120
Operating system	Fanuc



Victor 70

No. of axes	3
Spindle position	Vertical
Range X	700
Range Y	480
Range Z	510
Pallet change	Yes
Tools	15
Operating system	Fanuc

Various machines



Mitutoyo Crysta Apex C

- Located in climatic room
- Range 905x1605x605
- Movement speed 520 mm/s
- Accuracy 0,0023 mm
- Offline CAD programming
- Super linear height 450
- Automated placement of parts by a robot for process measurements



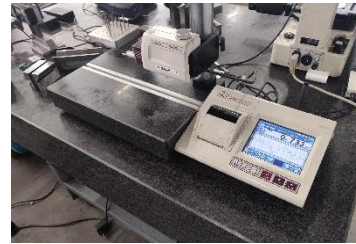
Mitutoyo Crysta Apex C

- Located in climatic room
- Range 905x1605x605
- Movement speed 520 mm/s
- Accuracy 0,0023 mm
- Offline CAD programming
- Super linear height 450
- Manual placement of parts for single measurements



Mahr Marsurf XC 2

- Located in climatic room
- For accurate radius measurements
- Measuring bevels
- Measuring outlines, profiles and screw-thread
- Digitizing measurement data



Mitutoyo SJ-410

- Surface roughness meter
- Measurements under ISO 1302 standard
- Measurements under JIS1994, JIS2001, ISO1997, ANSI and VDA standard
- Digital recording measurement data



Vici Vision MTL 1

- | | |
|---------------------|---|
| Measuring field | Ø60mm,
L300 mm |
| Max. loadable sizes | Max 6 kg |
| Resolution | Ø 0.1 µm -
L 0.1 µm |
| Accuracy | Rotation 0.001°
Ø2+D(mm)/100
))µm 5+L(mm)
/100))µm |
| Repeatability | Ø 0.4 µm -
L 3 µm |



Dürr Ecoclean Cleaning Machine

- Cleaning and drying in closed operating chamber
- Rotating / tilting of drum to assist cleaning process
- Double liquid tank for fine-cleaning
- Ultrasonic function
- Cleaning rate to 50mN/m