

## CNC-TURNING CENTERS

### Okuma 2SP-2500H

- Twin spindle turning center with milling tools
- Gantry loader 2x 8kg
- Max. diameter 250mm
- Max length 200mm
- Spindle speed 5000/min, 15kw
- 70 bar coolant



### Okuma 2SP-V920-EX

- Twin spindle turning center with milling tools
- Max. diameter 920mm
- Max. length 860mm
- Spindle speed 20-1250/min  
30KW
- Max koppel 2607 Nm
- high pressure coolant



### Okuma LT 3000-EX

- Twin spindle turning center with milling tools
- Barfeeder quick load max. 80 mm
- Max. diameter 350 mm
- Distance between noses 1200 mm
- Spindle speed 5000 /min, 30 KW
- C-axis indexing (main & sub) .001 deg.
- Y-axis travel + 70 / - 55



## Okuma LT 2000-EX (2x)

- Twin spindle turning center with milling tools
- Barfeeder quick load max. 70 mm
- Max. diameter 210 mm
- Distance between noses 960 mm
- Spindle speed 6000 /min
- C-axis indexing (main & sub) .001 deg.
- Y-axis travel + 50 / - 45



## Okuma LT 2000-EX high pressure coolant

- Twin spindle turning center with milling tools
- Barfeeder quick load max. 70 mm
- Max. diameter 210 mm
- Distance between noses 960 mm
- Spindle speed 6000 /min
- C-axis indexing (main & sub) .001 deg.
- Y-axis travel + 50 / - 45



## CNC-TURNING CENTERS

### Okuma LT 200-MY

- Twin spindle turning center with milling tools
- Barfeeder quick load max. 65 mm
- Max. diameter 210 mm
- Distance between noses 960 mm
- Spindle speed 6000 /min
- C-axis indexing (main & sub) .001 deg.
- Y-axis travel + 40 / - 50



### Okuma LB 3000-EXII

- Twin spindle turning center with milling tools
- Barfeeder quick load max. 80 mm
- Max. diameter 410 mm
- Distance between noses 1000 mm
- Spindle speed 5000 /min, 22 KW
- No. of tools 12
- Rapid Traverse (m/min) X:25 Z:30



### Okuma LB 2000-EX

- Turning center with milling tools
- Barfeeder quick load max. 52 mm
- Max. diameter 210 mm
- Distance between noses 280 mm
- Spindle speed 6000 /min, 11.2 kW



## Okuma LB 2000-EXII MY

- Turning center with milling tools
- Barfeeder quick load max. 65 mm
- Max. diameter 210 mm
- Distance between noses 500 mm
- Spindle speed 5000 /min, 22 kW
- 70 bar coolant



## Okuma LB 2000-EXII M

- Turning center with milling tools
- Barfeeder quick load max. 65 mm
- Max. diameter 210 mm
- Distance between noses 500 mm
- Spindle speed 5000 /min, 22 kW
- 70 bar coolant



## Okuma LB 300-M (4x)

- Turning center with milling tools
- Barfeeder quick load max. 68 mm
- Max. diameter 340 mm
- Distance between noses 1022 mm
- Spindle speed 6000 /min, 22 kW



## Okuma LB 300-M MY

- Turning center with milling tools
- Barfeeder quick load max. 68 mm
- Max. diameter 340 mm
- Distance between noses 1022 mm
- Spindle speed 6000 /min, 22 kW



## Okuma LB 10 M

- Turning center with milling Tools
- Max. diameter 200 mm
- Spindle speed 7000 /min
- Quick load bar feeder big bore 50 mm



## AccuWay UT-300 with Gantry Loader

- Max. diameter 450 mm
- Distance between noses 700 mm
- Renishaw toolsetter, Renishaw probe
- Spindle speed 3500 /min, 18,5 kW
- Bar feeder 75 mm
- Tools VDI 40:12x



## AccuWay UT-380M

- Max. diameter 680 mm
- Distance between noses 630 mm
- Spindle speed 1800 /min, 22 kW



## Okuma LB3000-EX MYW

- Turning center with milling tools
- Barfeeder quick load max 80mm
- Max diameter 340mm
- Distance between noses 800mm
- Spindle speed 6000/min, 22KW



## CNC-MILLING CENTERS

### Okuma MA500H + fastems FPT 18 pallet

- Table size [mm] 500 x 500tools
- Axis travel [mm] X:700 / Y:900 / Z:780Max. lengte 860 mm
- Spindle speed: 12000/minhigh
- No. Of tools: 285
- pressure coolant



### AccuWay UM 110 (2 x) with Gantry Loader

- 4-Axis Fanuc control, max. diameter 400 mm (4th-axis)
- Spindle BT40, internal Cooling 8000 /min, 18,5 kW
- X/Y/Z 1100/550/550 mm
- Feedrate 50 m/min
- ATC 24 tools, max. diameter 150 mm
- Renishaw tool detection



### Okuma 460V-5AX

- Table size Ø 400 mm
- Axis travel X:762 Y:460 Z: 460
- Spindle speed: 15000/min
- No. of tools: 48



## Okuma M560-V-E

- Table size [mm] 1,300 x 560
- Axis travel [mm] X: 1,050 / Y: 560 / Z: 460
- Spindle speed [min<sup>-1</sup>]: 15,000
- No. of tools: 32
- Rapid traverse [m/min]: X: 40 / Y: 40 / Z: 32



## CNC-MULTITASK CENTERS

### Okuma Multus U4000 2SW-1500 (2x)

- Distance between centers 1500 mm!
- Max. 12000 /min
- 80 tools
- Internal high pressure 70 bar
- Feed rate 60 m/min



### Okuma Multus U4000 1SW-1500

- Distance between centers 1500 mm!
- Max. 12000 /min
- 80 tools
- Internal high pressure 70 bar
- Feed rate 60 m/min



## AIRCONDITIONED MEASURING ROOM

### CMM Mitutoyo

- X/Y/Z 900/1000/600 mm
- Profile projector



## VARIOUS MACHINES & TOOLS

- 2 automatic bandsawing machines
- Washing machine
- Vibratory finishing

