

Okuma MacTurn 250 W USED CNC-LATHE

Build: 07/2002



Page 1

Specifications:

Standard Equipment:

Mainspindle integral motor VAC 22/15 KW (20 min/cont)

C-axis control 360 degrees at 0,001 Degree

Upper Y-Axis 160mm

ATC N° 44 HSK63 live tools

Auto open/close chucks
Cooling through spindle
Motor for Live tools VAC 7,7/5,3/3,7 KW (5/20 Kont)
Airblow on spindle and counterspindle
Hydraulic units
3 Refrigeration units (each for each spindle)
Sheilds for chips and cooling water
Blocking of door
Work light
Lower turret 12 pcs. VDI-40 Static
B1 Monitor for lubrication monitoring
Chip conveyor
Touch setter
One Touch IGF-L-E- kit

Subspindle:

Speed. 45 to 6.000 Rpm built-in Integral motor
Kitagawa hollow cylinder
Air Blow off Jaws waterblow inside for whashing

Incl:

Single Stations H1 Turret HSK 63
M-Spindle Standard 6.000 Full controlled B-axis
0,001 Standard 1 degree 44 ATC, 44 pcs. In
ATC chain, 1 pcs. In Dok.
ATC 44 stations

Automatic workpiece measuring equipment in the machine, System-D
Option measurement in X & Z axis
(Measurement in the C&Y axis is selected separately)

Automatic switching to reserve tools, controlled by following:

1. Number of parts
 2. Cutting time
 3. Tool Wear from MOP-S or automated tool measurement
- Point 1,2,3 can be combined

2 set extra M-codes M101-M104

Auto cut off power by M02 series or alarms.

96 Tool offsets

Helical machining

chip conveyor 1200mm lifting height. Right side, Belt type

AUTO touch setter

Interface for barfeeder

IEMCA Barfeeder Master 8-80 bar length 3200

Standard pressure pump Pressure 18 bar / pressure through H1-turret incl. separate pump.

Chipblaster inverter pressure pump 150 bar with 500Lt coolant reserve Through H1- turret

Special part catcher from subspindle.

Max capacity from bar dia 50mm X 250mm deliver parts, right side machine.

Water through sub-spindle incl. Deublin, separate pump.

Tool break monitoring through rod sensor.

Placed in working area between main spindle and door for ATC

Left spindle:

spindle bore 50mm dia. 22 kw main motor ASA

A6" spindle nose, speed: 5000 Rpm Kitagawa

BB208 or Hainbuck spantop SK65

Subspindle:

Kitigawa chuck B208 /chuck spindle bore

32mm dia.

One Touch IGF Advanced PC Version post processor

3D Virtual monitor incl. OSP simulation

MacTurn Machine setting file for 3DVM

Auto door

Coolant Refrigerator

CNC-LATHE

Manuf.: Okuma , Type: MacTurn 250 W

Serial No.: 0012 , Build: 2002

Specifications:

| | |
|-----------------------------|------------------|
| Max. Turning diameter | 650 mm dia. |
| Max. Turning dia o/slide | 630 mm dia. |
| Turning Length | 1170 mm |
| Spindle bore | 51 mm dia. |
| C Axis - Mainspindle Stroke | 0,001 degree |
| Main Spindle speed Range | 5000 rpm |
| Main motor power | 22/15 kw |
| X Axis Stroke | 475 mm |
| Z Axis Stroke | 1155 mm |
| Y axis | +/-80 mm |
| W axis | 1180 mm |
| B axis Stroke | 0,001 Degree |
| B axis spindrel rpm. | 6000 rpm |
| B axis system | HSK 63 |
| Z Axis Rapid movement | 40 m/min |
| Lower turret | 12-VDI Stations |
| Motorpower M spindle | VAC 7,7/5,5 Kw |
| Sub Spindle | |
| C Axis – Sub spindle Stroke | 0.001 degree |
| Sub Spindle Speeds | 6000 pr/min |
| Motor Power Subspindle | 22 Kw |
| Control system | OSP-U100L manuf. |
| Controlled in | 9 axis |

Accessories:

| | |
|-------------------------|------------------------------|
| ATC Tool magazine with | 44 Stations |
| Unload device | Max part pcs. dia:50 x 250mm |
| Auto open / close chuck | |
| Auto door | |
| Robot Interface | |
| Cooling through spindle | |
| Chip conveyor. | |
| Coolant. | |
| Tool setter auto | |
| Various toolposts. | |
| Control Options | Extra M-Codes - M101 to M104 |

Length: 3900mm, Height: 3000mm, Width: 2550mm (3550mm), Weight: 15.500 kg