

Okuma MacTurn 250 W
Stock No.: 3512
USED CNC-LATHE
Serial No.: 116197
Build: 2005



Specifications:

Standard Equipment:

Mainspindle VAC 22/15 KW (20 min/kont)
C-axis control 360 degrees at 0,001 Degree
Y-Axis 160mm
Auto open/close chuck
Cooling through spindle
Motor for Live tools VAC 7,7/5,3/3,7 KW (5/20 Kont)
Airblow on spindle
Hydraulic unit
Sheilds for chips and cooling water
Blocking of door
Work light
Lower turret 12 pcs. VDI-40
B1 Monitor for lubrication monitoring
Chip tray
Touch setter
One Touch IGF-L-E- kit

Subspindle:

Speed. 45 to 6.000 Rpm built-in Integral motor
Kitagawa hollow cylinder SS1243-C01
Air Blow off Jaws

Incl:

Single Stations H1 Turret Capto-C6
M-Spindle 12.000 Rpm (Standard 6.000)
Full controlled B-axis 0,001 (Standard 1 degree)
80 ATC, 36 pcs. In ATC chain, 44 pcs. In Dok.
ATC 44 stations (standard 30 pcs)
Milling function on lower turret M-spindle 4.500 Rpm7 /33 Kw

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 serie or alarms.

96 Tool offsets

Helical machining

MAYFRAN chip conveyor 1200mm lifting height. Right side, RAL7030 Belt type

Manual touch setter

Interface for barfeeder

Grundfos high pressure pump CRK-2-110/11

Pressure 9 bar

Special part catcher from subspindle.

Max capacity dia 70mm X 250mm deliver parts, right side machine.

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

30 bar water pressure through H1-turret incl. separate pump.

Tool break monitoring through rod sensor.

Placed in working area between main spindle and door for ATC

Left spindle:

spindle bore 80mm dia. 22 kw main motor

ASA A2-8" spindle nose, speed: 38-3800 Rpm

Incl. bigger cylinder SS1770-C01. Tube inside dia. 70mm

Subspindle:

Kitigawa chuck B208-A8 dia. 210mm

spindle bore 52mm dia.

One Touch IGF Advanced PC Version post processor

3D Virtual monitor incl. OSP simulation

MacTurn Machine setting file for 3DVM

Interface for Robot

Auto door

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Max. Turning diameter	650 mm dia.
Max. Turning dia o/slide	630 mm dia.
Turning Length	1170 mm
Spindle bore	70 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.	12000 rpm
B axis system	Capto-C6
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
Working hours Spindle	13200 / 17300 Hours
Accessories:	
ATC Tool magazine with	80 Stations
Unload device	Max part pcs. dia:70 x 250mm
Auto open / close chuck	
Auto door	
Robot Interface	
Cooling through spindle	
Chip conveyer.	Mayfran
Coolant.	Grundfos
Tool setter	Manual
Various toolposts.	
Control Options	Extra M-Codes - M101 to M104

Length: 3900mm, Height: 3000mm, Width: 2550mm (3550mm), Weight: 12.500 kg