



## Second hand horizontal machining center **OKUMA MA 40 HA 6P**

Serial number 0489

Ref.

Year 2001 FIRST COMMISSIONING



### **Conditions of supply**

Availability :	September 2021
Transport :	included
Assembly :	included
Warranty :	3 months from commissioning

**Price : on request**

## Technical features

### CONTROL UNIT

### CNC OSP U100 M

#### Table (pallet)

Useful surface .....	mm	400 x 400
Load capacity.....	kg	400
Max. rotation dimensions ( $\varnothing \times h$ ) .....	mm	600 x 710
Standard divisions (option).....	degrees	1° x 360°
Table drive motor power .....	Kw	1 (2.8)
Pallet change time .....	sec	7

#### Working dimensions - linear axes

X axis travel - longitudinal .....	mm	560
Y axis travel - transversal .....	mm	610
Z axis travel - vertical .....	mm	560
Distance between spindle center and table top .....	mm	50 - 660
Distance between spindle nose and table center .....	mm	150 - 710
X - Y - Z axes driving motors power .....	Kw	9 - 9 - 9
X - Y - Z axes rapid feed .....	mm/min	40000
Working feeds.....	mm/min	40000
X - Y - Z axis positioning accuracy .....	± mm	0.001
X - Y - Z axes positioning repeatability .....	± mm	0.0002

#### Main spindle

Spindle taper connection.....	BT	40
Locking shank.....		MAS 2
Front bearing diameter .....	mm	85
<b>Standard spindle max. speed .....</b>	<b>rpm</b>	<b>12000</b>
Max power available.....	kW	15/11

## Tool holder magazine

Tool holder stations .....	no.	100
Position management.....		Random =/< 60 posit.
Position management.....		Fixed >100 posit.
Tool change time (tool-to-tool) .....	sec	1.3
Tool change time (chip-to-chip).....	sec	4.0
Max. diameter of adjacent tool holders .....	mm	100
Max. diameter of non adjacent tool holders.....	mm	150
Max tool holder length .....	mm	300
Max. weight of single tool holder.....	kg	10
Compressed air pressure .....	bar	4 ÷ 6

Max height.....	m	2.72
Max distance from floor .....	m	2.48 x 4.16
Machine weight .....	kg	10000
Total installed power max .....	kVA	38

- APC - 6 pallet
- Chip conveyor
- Feed through the spindle at 20 bar
- Renishaw probe

The data indicated are not binding