

HORIZONTAL MACHINING CENTER FOCASEIKI MOD.HMC-500

CNC UNIT FANUC 0i-MD



TECHNICAL CHARACTERISTICS

TRAVEL

• X axis travel	mm.	720
• Y axis travel	mm.	720
• Z axis travel	mm.	720
• spindle center to table surface	mm.	50-770
• spindle nose to table surface	mm.	100-820
• height of the loading plan	mm.	1050

PALLET

• number of pallets	n°	2
• pallet dimensions	mm.	500x500
• workpiece max size	mm.	750x850
• max permissible load on each pallet	Kg.	600
• time changing pallet	sec.	8
• divisions continuously variable table	degree	0,001
• time pallet rotation every 90 °	sec.	1,8

TECNOLOGIA - MACCHINE UTENSILI - SERVIZIO ASSISTENZA ELETTRONICA E MECCANICA

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SPINDLE

• spindle motor (cont/30 min)	KW	11/15
• spindle motor opt.	KW	15/18,5
• spindle speed with direct transmission	rpm	12000
• spindle speed opt.	rpm	15000
• spindle taper	BT	40

FEEDS

• rapid feed	mm/min	60000
• working feed	mm/min	10000

ACCURACY

• positioning accuracy	mm.	0,004
• repeatability	mm.	± 0,002

TOOL MAGAZINE

• number of tools	n°	40
• number of tools opt.	n°	90
• max tool diameter	mm.	75
• max tool diameter (without adjacent tool)	mm.	150
• max tool length	mm.	400
• max tool weight	Kg.	8
• time tool changing (tool to tool)	sec.	1,2

GENERAL DATA

• hydraulic tank	Liters	70
• coolant tank	Liters	500
• air pressure	bar	5
• total power installed	KVA	30
• floor space	mm.	3260x5075
• weight machine	Kg.	12400

STANDARD ACCESSORIES

- CNC Unit FANUC 0i-MD
- Manual Guide with color display LCD 10,4"
- Oil chiller device
- Chip conveyor chaine type
- Tool magazine with 40 positions
- Heat exchanger electrical cabinet
- CE Mark
- Coolant gun
- Air gun
- Oil skimmer
- Spindle air blow
- Linear Ways slide the preloaded Roller Packs
- Splash guard CE Norm
- Rigid tapping
- Automatic lubrication system
- Coolant system
- Work lamp
- Lamp end of cycle
- Automatic power off
- Washing chips tank
- Electronic remotable handwheel
- Fanuc warranty two years
- Operator and maintenance manuals
- CNC manuals