

CNC LATHE MUTITASKING MORI SEIKI MOD.MT-3000

CNC UNIT FANUC 18-T MSX 501 III



TECHNICAL CHARACTERISTICS

CAPACITY

• swing over bed	mm.	800
• swing over cross slide	mm.	402
• distance between center	mm.	1202
• max turning diameter	mm.	560
• max turning length	mm.	1030
• bar capacity	mm.	89

TRAVEL

• X axis travel	mm.	635
• Y axis travel	mm.	± 110
• Z axis travel	mm.	1095
• B axis rotation	gradi	-120° / +105°

SPINDLE

• spindle speed	rpm	30-3000
• spindle speed range	n°	2

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• spindle nose	ASA	A2-8
• spindle hole diameter	mm.	105
• min spindle indexing angle	gradi	0,001°
• spindle bearing inner diameter	mm.	160

TOOL SPINDLE (MOTORIZED)

• B-axis indexing time	sec.	2,3 (90°)
• B-axis min. index angle	degree	0,001°
• max tool spindle speed	rpm	8000
• type of tool spindle taper hole	Capto	C6
• tool spindle bearing inner diameter	mm.	80
• tool storage capacity	n°	24
• max tool diameter (without adjacent tool)	mm.	90
• max tool length	mm.	400
• max tool weight	Kg.	8
• time tool changing (tool to tool)	sec.	4,2

TAILSTOCK

• quill diameter	mm.	110
• taper hole of tailstock spindle	C.M.	4
• quill travel	mm.	150

FEEDS

• rapid feed X axis	mm/min	24000
• rapid feed Y axis	mm/min	24000
• rapid feed Z axis	mm/min	30000
• rapid feed B axis	metri/min	20
• rapid feed C axis	metri/min	100

MOTORS

• spindle motor (cont/30 min)	KW	33/40
• motor power of motorized tools turret (cont / 30 min)	KW	7,5/11
• coolant pump	KW	1,1

GENERAL DATA

• Coolant tank capacity	Liters	220
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• total power installed	KVA	73,1
• height machine	mm.	3295
• floor space	mm.	5774x3040
• weight machine	Kg.	14500

STANDARD ACCESSORIES

- CNC Unit FANUC 18-T MSX 501 III
- C axis spindle with locking brake
- Y axis
- B axis
- Spindle oil cooling system
- Spindle orientation
- About 30 Capto C6 tool holders
- Tool magazine with 24 positions
- Chip conveyor chaine type
- Coolant system
- Through-spindle coolant system (tool spindle)
- Automatic power off system
- Foot pedal for chuck
- Work lamp
- Splash guard CE Norm
- Impact resistant viewing window
- Door interlock system (incl. mechanical lock)
- Low hydraulic pressure detecting switch
- Low air pressure detecting switch
- Self-centering chuck with 3 guides diameter mm. 304
- Operator and maintenance manuals
- CNC manuals
- CE Mark
- Year of construction 2001