

BED TYPE MILLING MACHINE MTE MOD.BF-4200
CNC UNIT HEIDENHAIN iTNC-530**TECHNICAL CHARACTERISTICS****TABLE**

• length	mm.	4700
• width	mm.	1000
• number of T slots	n°	7
• width of T slots	mm.	22
• pitch of T slots	mm.	140
• max load permitted on the table	Kg.	12000

TRAVEL

• X axis travel (longitudinal)	mm.	4000
• Y axis travel (transversal)	mm.	1200
• Z axis travel (vertical)	mm.	1500

SPINDLE

• spindle nose	ISO	50
• spindle rotation speed with automatic head 2,5°x2,5°	rpm	40-4000
• speed ranges	n°	3

TECNOLOGY - MACHINE TOOLS - CUSTOMER CARE SERVICE

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• spindle motor	KW	32
• max torque	Nm	2050

FEEDS

• rapid feed	mm/min	15000
• working feed	mm/min	0-10000
• diameter x pitch X axis	mm.	63x20
• diameter x pitch Y axis	mm.	50x12
• diameter x pitch Z axis	mm.	50x12
• thrust force X axis	N	28500
• thrust force Y axis	N	28000
• thrust force Z axis	N	38000

AUTOMATIC TOOL CHANGER

• tool magazine number	n°	24
• tool selection	type	Random
• max tool diameter	mm.	110
• max tool diameter (without adjacent tool)	mm.	220
• max tool length	mm.	350
• max tool weight	Kg.	15

GENERAL DATA

• floor space	mm.	10050x4750
• height machine	mm.	3550
• approx weight	Kg.	28000

STANDARD ACCESSORIES

- CNC Unit Heidenhain iTNC-530
- Splash guard according to CE standards with three doors
- Heidenhain AFC Adaptive Feed Control
- Heidenhain Teleservice
- Oil chiller device
- ATC tool magazine with 24 positions
- Automatic head with 2 axes divisions on the two joints every 2,5°x2,5°
- Thermo probe on the Ram
- Rigid tapping with spindle orientation
- Chip conveyor chaine type
- Pedal for tool locking / unlocking
- Work lamp
- Operator and maintenance manuals
- CNC manuals
- Working hours approximately 6000
- Year of construction 2017