

VERTICAL CNC LATHE KDM MOD.KTM-12/16M

C AXIS - TOOL TURRET - CNC FANUC 18i-TB



TECHNICAL CHARACTERISTICS

CAPACITY

• max rotation diameter	mm.	1600
• max turning diameter	mm.	1350
• max turning height	mm.	1000

SPINDLE

• table diameter	mm.	1250
• spindle speed with gear box	rpm	1-350
• number of speeds with gearbox	n°	2
• spindle motor (cont/30 min)	KW	37/45
• indexing rotary table C axis	degree	0,001°
• max loading platform	Kg.	6000

FEEDS & TRAVEL

• Ram section	mm.	240X240
• tool taper	BT	50
• tool turret speed	rpm	1-2000

Dimensions and technical data are not demanding and can be changed at the discretion of the Manufacturer



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TECHNOLOGY - MACHINE TOOLS - CUSTOMER CARE

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• tool turret power	KW	15/18
• X axis travel	mm.	-250+1480
• Z axis travel	mm.	900
• rapid feed X axis	mm/min	10000
• rapid feed Z axis	mm/min	10000
• working feed	mm/min	3000
• rapid feed C axis	rev/min	2

TOOL MAGAZINE

• tool magazine number (turning)	n°	7
• tool magazine number (milling)	n°	8
• size of outside turning tools	mm.	40x40
• boring diameter	mm.	60

GENERAL DATA

• height machine	mm.	5064
• floor space	mm.	5085x4558
• weight machine	Kg.	25000



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STANDARD ACCESSORIES

- CNC Unit FANUC 18i-TB
- C-axis
- Live tool Ram taper BT 50
- Manual chuck at 4 jaws
- Hydraulic system
- Lubrication system
- Coolant system
- Splash guard CE Norm
- Spindle oil cooling system
- Gear spindle box automatic at two speed
- Work lamp
- Plates and leveling screws
- Tool magazine with 16 positions (8 turning - 8 milling)
- Transformer
- Tool wear measurement systems
- Chip conveyor & Chip cart
- Automatic power off
- Coolant through spindle high pressure 20 bar
- Year of construction 2009