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.
• 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

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