

VERTICAL CNC LATHE PRO RICHYOUNG MOD.RIC-VT1600

CNC UNIT FANUC 0i-TD



TECHNICAL CHARACTERISTICS

CAPACITY

• max rotation diameter	mm.	2000
• max turning external diameter	mm.	2000
• distance between Ram tool holder and platform	mm.	0÷1630
• max turning height	mm.	1600
• max permissible load on table	Kg.	10000

SPINDLE

• diameter of the faceplate 4 jaws chuck	mm.	1600
• spindle speed at first range	rpm	22÷85
• spindle speed at second range	rpm	85÷256
• spindle speed range	n°	2
• spindle torque	Nm	18400

TOOL MAGAZINE

• tool magazine number	n°	12
• size of outside turning tools	mm.	25-32-40

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

TECNOLOGY - MACHINE TOOLS - CUSTOMER CARE SERVICE

www.olidali.com - info@olidali.com

www.skio.net - info@skio.net

- | | | |
|-------------------------------------|--------|---------|
| • time tool changing (tool to tool) | sec. | 2 |
| • square Ram | mm/min | 240x240 |

TRAVELS

- | | | |
|--|-----|------------|
| • X axis travel | mm. | -1020+1220 |
| • Z axis travel | mm. | 1000 |
| • moveable vertical crossrail in 4 positions in 3 ranges | mm. | 750 |

FEEDS

- | | | |
|---------------------|---------|----------|
| • rapid feed X axis | mm/min | 10000 |
| • rapid feed Z axis | mm/min | 10000 |
| • working feed | mm/giro | 0,001÷50 |

MOTORS

- | | | |
|----------------------|----|-------|
| • spindle motor | KW | 45/55 |
| • motor power X axis | KW | 7 |
| • motor power Z axis | KW | 7 |
| • coolant pump | KW | 1,27 |

GENERAL DATA

- | | | |
|-------------------------|-------|------------|
| • repeatability | mm. | ±0,01/1000 |
| • positioning accuracy | mm. | ±0,005 |
| • total power installed | KW | 112 |
| • hydraulic tank | Litri | 250 |
| • coolant tank | Litri | 500 |
| • floor space | mm. | 6940x5500 |
| • height machine | mm. | 5550 |
| • approx weight | Kg. | 28000 |

STANDARD ACCESSORIES

- CNC Unit FANUC 0i-TD Monitor LCD color 8,4"
- Splash guard
- Hydraulic system
- Faceplate independent at 4 jaws
- Auto lubrication system
- Work lamp
- Operation lamps at 3 colour
- Tool magazine with 12 positions
- Coolant system with passage through the tool
- Heat exchanger electrical cabinet
- Oil chiller device
- Adjusting tools and box
- Plates and leveling screws
- Chip conveyor
- Moveable vertical crossrail with balance
- Coolant system pressure 3 bar

OPTIONAL ACCESSORIES

Transformer 120 KVA

Heat exchanger of electric cabinet changes to air condition

Chip flush system for base

CE electrical & mechanical configuration & EMC filter 225A

Oil Skimmer

Oil level readout for coolant tank

Tool presetter

Workpiece probe

Linear scale for X and Z axis

Splash guard of auto door

Fanuc warranty two years

Extra charge for change controller to Fanuc 18i-TB

Fanuc Manual Guide I upgrade LCD 10,4" for Fanuc 0i-TD

Voltage stabilizer 120 KW

Spindle motor upgrade to $\alpha 60/4500$ HVI(60/75kw) instead of $\alpha 50i$ (AC45/55kw)

Isolation transformer KVA 120

Hydraulic 4 jaw chuck (Taiwan Made) diameter mm. 1600