

CNC VERTICAL TURN MILL MACHINE



CNC SVTM-2000

SAHIL ALLOYS AND MACHINE TOOLS

AN ISO 9001 2015

8B INDUSTRIAL ESTATE, BATALA 143505 (INDIA)

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CNC VERTICAL TURN MILL MACHINE

SPECIFICATIONS

Model	Unit	CNC VTM 2000
Max. Swing Diameter	mm	2700
Max. Turning Diameter	mm	2500
Max. Working Height	mm	2000
Max. Load	Mt	12
TABLE		
Diameter	mm	2000
Main Drive Motor (Servo)	Kw	45/55
Speed	rpm	5-200
Chuck	-	4 Jaw Manual
COLUMNS		
No. of Columns	-	2
TOP SUPPORT		
Top Support	-	Heavy duty beam to support columns at top
CROSS RAIL		
Vertical Travel	mm	2000
Guide Ways	-	Hardened & ground Steel Guide Ways
RAM		
Finish	-	Duly Ground Finish
Balancing	-	Hydraulic Counter Balanced
Horizontal Travel	mm	-300+1350
Vertical Ram Travel	mm	1200
Feeds	m/min	4
Rapid Traverse	m/min	6
Cross Section of Ram	mm	300x300
Max. Cross Section of Tool	mm	40x40
LIVE SPINDE		
Taper	-	BT 50
Spindle Speed	Rpm	1800
Tool Clamping	-	Hydraulic
Spindle Motor	Kw	11/15
GEAR BOXES		
Gearbox	-	Reputed Make /Bonfiglioli/ Rotomotive
LUBRICATION		
Lubrication		Centrally Controlled Lubrication with Cenlube/Lubrite Lubrication System
MATERIALS		
Ram	-	EN9 Forged Steel
Gears	-	Alloy Steel EN9/EN353
Bearings	-	SKF/FAG/NBC/TIMKEN/NTN
MAIN DRIVE		
Main Motor	-	Servo spindle Motor
Power Supply	-	3 Ph, 440 V, 50 Hz
Drives for Feeds and Spindles	-	AC Motors for Auxilliary Drives
Total Power	KVA	125
CNC SYSTEM		
CNC Controller		Fanuc 0i/Siemens 828d
All Electricals		Siemens/ABB
MOTOR POWER		
Main Motor	Kw	45/55
Live spindle Motor	Kw	11/15
Feed Motor	Nm	36/36
Cross rail lift Motor	Hp	3.0
Lubrication Motor	Hp	0.5
Coolant Motor	Hp	0.5
DIMENSIONS		
Length	mm	5800
Width	mm	5000
Height	mm	5800

★★Specifications are subject to change.

STANDARD ACCESSORIES

- Graded Castings
- Single Ram Head on Cross Rail
- 4 Jaw Chuck- Manual
- Servo Drive for Main Motor
- Centralizes lubrication System on All Sliding Ways
- Control Station with Interlocked Electrical Control Panel
- All Electricals Fanuc
- CNC Controller: Fanuc 0i TF
- Control Panel, MPG & Rotary Encoder for Main Spindle (FANUC)
- Live Spindle for milling, drilling, Rigid Tapping operations
- C Axis
- Below Covers for Guide ways
- Coolant & Air Gun
- Levelling and foundation Bolts
- 24 Tools ATC
- Remote Diagnosis

OPTIONS

- Additional Ram Head On Cross Rail
- Chip Conveyer with 400 Lts Coolant Tank
- Paper Filtration System
- Through Spindle Coolant 6 Bars
- Step Down Transformer & Voltage Stabilizer
- Hydraulic Chuck



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