



Macht Technologies Pvt. Ltd.

Macht Technologies Pvt. Ltd.

CNC Lathe MT-15

www.macht-technologies.com



Macht Technologies Pvt. Ltd.

CNC Lathe MT-15

MACHT is proud to present CNC Turning Centre - MT-15





Macht Technologies Pvt. Ltd.

Specification CNC Lathe

Sl.No.	Description	Unit	MACHT
	Model		MT-15
1	Turning dia	mm	250
2	Chuck size	mm	200
3	Max swing Dia	mm	450
4	Length of component	mm	400
5	Bar feed capacity	mm	42
	Spindle		
6	Nose		A2-5
7	RPM		5000
8	Power	KW	12
9	High Precision Ang. Con. Ball Brg.	mm	90
10	High Precision Ang. Con. Ball Brg.	mm	85
	X axis		
11	Travel	mm	250
12	Rapid Traverse rate	M/min	30
13	LM Guideways		Roller Type
14	Ball screw dia	mm	32/10P
15	Ball screw class		C3
16	X Axis Motor	Nm	11
	Turret		
17	No. of tools		8
18	Tool size	mm	25x25
19	Tool to tool time	sec	0.35
20	Chip to chip	sec	2
	Z axis		
21	Travel	mm	450
22	LM Guideways		Roller Type
23	Rapid Traverse rate	M/min	30
24	Ball screw dia	mm	40x10P
25	Ball screw class		C3
26	Servo power	Nm	11
	Tail Stock (Optional)		
27	Quill size	mm	90
28	Taper internal		MT-4
	Accuracies		
29	Positioning accuracy x/z	mm	0.010/0.015
30	Repeatability accuracy x/z	mm	0.005
	Controller		
31	CNC		SIEMENS 802D
	Optional		
32	Glass Scale		HIEDENHIEN MAKE 300 STROKE



Philosophy behind the Machine

MACHT has been in Machine Tool Building for the past 14 Years and has build an extensive Knowledgebase over the years in precision Machine Building. We wanted to develop a Machine which has a good Chip Producing Capacity and is rigid and accurate enough to perform in the toughest of conditions. With MT 15 we believe we have developed a Work Horse with toughness and precision to match.

We have based our design on the Modular Concept so as to impart flexibility to take on variety of components as well as build a machine that is **Automation Ready** which we see as the coming future. We can offer the machine as a standard unit as well as a completely tooled up solution to our customer's specific requirements.



Macht Technologies Pvt. Ltd.

Salient Features of the Machine



Machine Base

Single Unit Precision Welded Stress Relieved Structure reinforced with Granite to impart the rigidity and damping properties essential for High Speed Machining. The bed weighs ca. 4 Tons



Macht Technologies Pvt. Ltd.

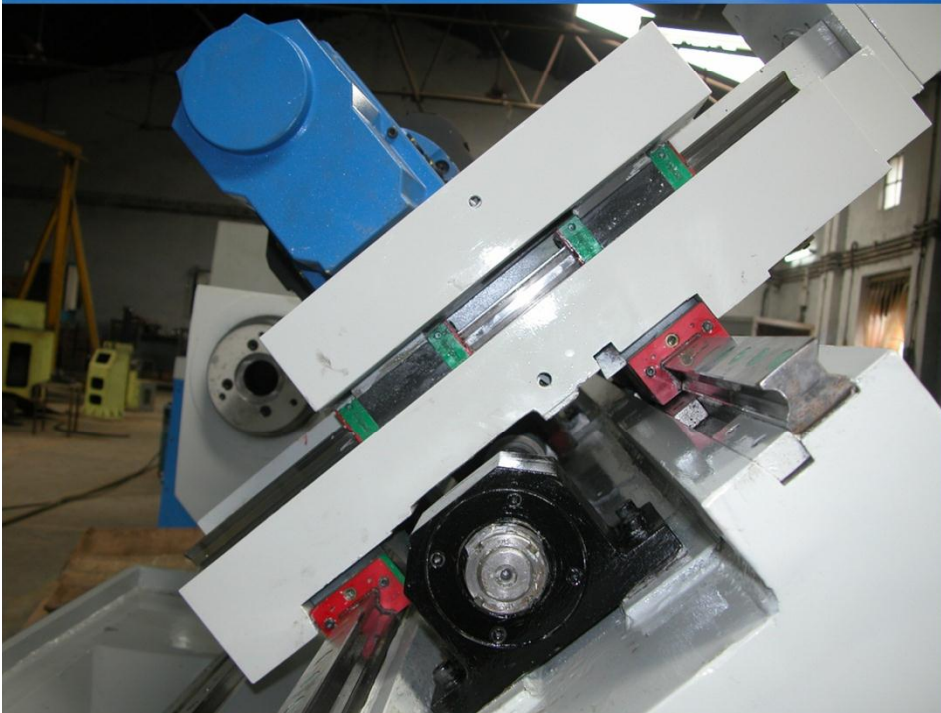


Main Spindle Unit

The Spindle Unit runs on Precision Angular Contact Bearings greased for life. The Bar Capacity of this Spindle matches the world standard of 40 mm, with a Front Bearing Size of 90 mm. The Spindle has a max RPM of 5000



Macht Technologies Pvt. Ltd.



Slide System

The Slide System is fitted with Precision **LM Roller Guideways** as well as precision pre-loaded Ball Screws, which are suited to take heavy cuts of upto 5 mm on Radius on medium Carbon Steel



The Machine can be offered with following Add-on Features

- “ Linear Position Readout System for X Axis for better accuracies on Diameter
 - “ Post Process Measuring System with Auto Tool Correction for uninterrupted Production and better Process Control
 - “ Live Tooling
 - “ Heavy Duty Imported Turret for better accuracy and chip producing capacity
 - “ Tool Wear Checking System
-



Macht Technologies Pvt. Ltd.

We thank you for your time and the interest you have shown in our company MACHT Technologies (P) Ltd.



Macht Technologies Pvt. Ltd.



Macht Technologies Pvt. Ltd.

Mr. Ashwin Dhingra, Director
D-137, Site # 1, Bulandshahar Road Industrial Area
Ghaziabad - 201009. India

Tel: +91-120-2866567 TeleFax: +91-120-2866259

Mobile: - +91-9810157046

E-mail: ashwin@macht-technologies.com

www.macht-technologies.com
