



# PRECISION MACHINE TOOL

An ISO 9001:2015 Certified Company by BSCIC



Manufacturers & Exporter of all type of high Precision Grinding Machines

**AN ISO 9001: 2015 CERTIFIED CO.**

SINCE: 1993



ABC - 1000 x 250 ch Hydraulic Cylindrical Grinding Machine With Micro feed

## ❖ OTHER PRODUCTS:

- CNC, NC, PLC, Hydraulic, Manual Cylindrical Grinding Machine.
- Hydraulic Cylindrical Grinding Machine (ABC- 300 mm to ABC- 2000 mm).
- CNC Bore / Face Grinding Machine.
- Hydraulic Bore Grinding Machine.
- Center less Grinding Machine.
- SPM Grinding Machine.
- Surface Grinding Machine.
- Automatic Plunge Grinding Machine having in- process gauge.
- Rubber, Coat, Apron and Slitting Cutter Grinding Machine.

**MACHINE IS TESTED AS PER IS: 2368 AND ISO: 2433**



ADDRESS:  
PLOT NO: 326, ROAD NO: 5, GIDC,  
KATHWADA, AHMEDABAD – 382 430, GUJARAT  
[M], 9925319735 / 79841 05104 / 9898095843  
E-mail - [info@precisionmachtools.com](mailto:info@precisionmachtools.com), [prematomachine@yahoo.com](mailto:prematomachine@yahoo.com)  
web: [www.precisionmachtools.com](http://www.precisionmachtools.com) / [www.grindingmachine.in](http://www.grindingmachine.in)





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## HYDRAULIC CYLINDRICAL GRINDING MACHINE WITH MICROFEED

**Technical Specification of Model: - PMT/1000/250/H**

**Make: "PREMATO"**

1. ABC – 1000 MM / 1250 / 1500 / 2000 / 2500 mm
2. Centre Height – 250 MM / 310 mm
3. THK make LM Guide Ways for In Feed Slide
4. Auto in feed with Manual In Feed Resolution – 0.001 mm
5. THK Make C1 Class ground ball screw with double nut
6. Work Head Spindle Taper – MT-6
7. Work Head speed: - 10 to 250 Rpm (Infinitely Variable)
8. Tail Stock Ram Taper - MT-5
9. Wheel Size – 650 X 80 X 254 mm
10. Hydraulic Operated Tail Stock Ram Dia. – 80 mm
11. Flange mounted Cartridge Type Spindle  $\varnothing$  200 mm having "RHP" P4 Grade matched pair antifriction bearing of 4 pair, Run out accuracy within 0.001 mm
12. Grinding Wheel Speed: 45 mtr. / min.
13. Automatic lubrication system
14. Separate Hydraulic Power Pack Unit having 10 size "Rexroth" make Valve.
15. Paper Band Cum Magnetic Coolant Filtration System
16. Separate Control Panel board with all "Schneider" switch gears
17. Work Head Speed – 10 to 200 RPM (Infinitely Variable)
18. 350 mm center height available on customer demand
19. One piece heavy duty bed having FG – 260 CI Casting.
20. All electrical Motors are **Siemens / BBL / CG / ABB** Make

**STD. & ADDITIONAL ACCESSORIES WILL BE PROVIDED ON CUSTOMER DEMAND**

**"PREMATO" can supply machines tailor-made to suit specific requirement of the user"**