

# MAHNOT SPINDLES

FIRST TIME IN INDIA  
Meeting International Standards

Since 1988 IMPORT SUBSTITUTION

Suitable for precision **GRINDING**



INTERNAL

EXTERNAL

THREAD

PROFILE

SURFACE

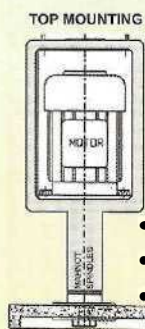
SPM

IMPORT  
SUBSTITUTION

**HOUSE OF SPINDLES**

A combination of  
**GRINDING TECHNOLOGY + HIGH SPEED TECHNOLOGY**  
with **RELIABILITY** and **LIFE FACTOR** many times more.

Other Products :

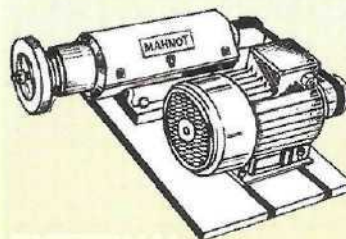


VERTICAL  
GRINDING  
HEAD FOR:

- VTL
- Piano - Milter
- Vertical SPMs

- Grinding wheel dia upto **400 mm**
- Depth upto **1000 mm**
- Power - upto **10 hp**

HORIZONTAL GRINDING HEAD FOR LATHES :



EXTERNAL  
Roll & Shaft Grinding



INTERNAL  
Deep Bore Grinding



Polishing & Light Duty  
Grinding head

SPINDLE HEAD



For Overbeck, Heaid, Jun%, UVA, IZUMI, Red Head, Bryant, Voumard, Cincinnatti, WMW, Bahmuller, Buderus, Norton, Schaudt, Minganti, Morara, Churchill, Okuma, Toyo, Ktinseinberg, Reishauer, Hormac, Reinecker & Other SPM's

UPMDPM

(Ultra Precision Mahnot Diamond Polishing Mill)



Vibration & Maintenance free  
for sparkling diamond

## Internal Grinding Spindles



MAHNOT GRINDAGE INDUSTRIES' Pioneer in Manufacturing and designing INTERNAL GRINDING SPINDLES' have developed various types of Spindles to suit your requirements up to 80,000 R.P.M or more.

While manufacturing, care is taken to select High Class Material to maintain its original precision. Four or more Super Precision Bearings with Accurate Preloading & Calibration make these Spindles matchless in quality and suitable for heavy Duty Precision Grinding Operations.

Each Spindle is Dynamically balanced and Assembled with Special Grease for High Speed & Life and undergoes Rigorous Run-Test. They are suitable for Internal, Thread; Profile; flute; Surface and Tool & Cutter Grinding operations. They are a combination of High Speed Spindle Technology + Grinding Technology.

For any grinding machine you can choose Mahnot Spindle up to One Lac R.P.M. by selecting Diameter, Length & RPM to suit your machine and components. For

Example :- Any Spindle Diameter (Whether 20mm or 30mm or 80mm or 100mm) can be procured in different R.P.M. Ranges - such as 60,000; 50,000; 42,000; 35,000; 28,000; 25,000; 22,000; 19,000; 14,000; 10,000; 6,000; & 3,000 and less; in Grease Lubrication. The Speed can be increased by 10 to 20% in case of Oil Mist Lubrication



## MAHNOT SPINDLES

- Tested and found O.K. by **HMT** Bangalore.
- Recommended by Garnet Precision, France.
- Recommended to Ministry of Defence by **CMTi**, Bangalore.

### TECHNOLOGY AWARDS

- \* Best Mumbai District Award - 2005.
- \* 2 Times Global Vendor - Exhibition Award.
- \* Defence Vendor - Exhibition Award.

## DESIGN

Available in about  
700 designs to suit  
your requirements

- Designed upto Dia 200 mm.
- Length upto 1250 mm.
- Speed upto 80000 RPM or more.
- Oil-mist or Grease packed.

## LECTURES

(First of its kind in the world)  
On high speed Spindles  
with Grinding Technology

- Description.
- Selection.
- Operation.
- Maintenance,

## SERVICE

All Imported  
Spindles

- Calibrating & Balancing Dynamically.
- Replacing Bearings.
- Preloading & Testing it Vigorously.

## OUR SATISFIED CUSTOMERS

BHEL, AIR INDIA, ORDNANCE FACTORIES, L&T, HAL, KIRLOSKAR PNEUMATICS,  
BEARING FACTORIES, HINDUSTAN MOTORS, TELCO, NAVY, ATLAS COPCO,  
INDIAN AIRLINES & many hundreds all over India.

*We Study What You Require  
and  
Supply What You Need*



## MAHNOT GRINDAGE INDUSTRIES

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