

Universal Tool & Cutter Grinder

PBM 450A 1-520-100

Features:

- For total versatility a complete answer to Tool Grinding Requirements
- This Machine is designed for Grinding accurately with ease, the complex shapes of Milling Cutters, Toolbits, & other Cutters of special requirements
- It's ability to Grind a vast variety of Tools make this Machine truly universal, yet priced competitively
- It can Grind Radius, Taps, Drills, End Mills, Slot Drills, Side Surface Cutters, Circular Saws & many more by using appropriate accessory.
- Spindle is of double end design & totally versatile, can move up and down as well as rotation through horizontal plane
- Table Swivels through 15° for Grinding Tapers
- Angular contact bearings keep wheels true to centres & provide vibration free operation which keeps the accuracy of spindle to highest & free from run out
- Headstock can also be swivelled if required.



Specification PBM 450A

Distance Between Centres	405 mm
Swing Over Table	215 mm
Longitudinal Travel of Table	450 mm
Cross Travel of Saddle	150 mm
Swivel Adjustment of Table	Up to 15°
Vertical Adjustment of Wheel	150 mm
Swivel Adjustment of Wheel	Through 360°
Swivel Adjustment of Headstock	Through 360°
Tilt Adjustment of Headstock	30° Above or Below
Maximum Diameter of Wheel	130 mm
Speed of Wheel (Max)	3000 RPM
Wheel Motor	1/2 HP
Dims LxWxH (cm)	86 x 76 x 130
Weight	220 Kgs

Included as standard:

- Cup Wheel
- Tooth Rest
- Tool Bit Grinding Attachment
- Face Mill Holder
- Cutter Arbor 1" OD
- 3MT Centre
- Adjusting Tools
- Coolant System.

Optional Accessories:

Green Cup Wheel	125 x 50 x 15.88mm	1-520-985
White Cup Wheel	125 x 50 x 15.88mm	1-520-990