



abm

Grinding Technologies



UTB SERIES



UNIVERSAL TOOL GRINDER

www.abmgroup.com.tr



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UNIVERSAL TOOL GRINDER

UTB Universal Tool Grinder is designed specially to grind the common used tools in woodworking and metal industries. UTB provides a clean and smooth cutting surface for the tools by means of it's linear rail and block system. Different attachments are also available for grinding Paneling Cutters, Straight Milling Cutters, Router Bits and Finger-Joint Knives.

General Features

- High precision.
- Manual movement of the grinding table.
- Hydraulic right-left movement on linear rails.
- On/off switch.(Ops. control panel)
- Ø30mm tool mouting shaft (standard)
- Grinding of profile cutter-heads, all types of router bits, panelling tools and razor blades, profile machine blades.
- 360° rotatable grinding head.
- Max.240mm grinding length.
- Optinal grinding of finger-joint knives.
- Rigid machine base.



Standard Dividing Head

Technical Specifications

• Grinding Wheel Cutting Rev.	3000 rpm/min.
• Rotation Diameter in Axis	250mm
• Wheel Motor Hook Angle	+45°
• Ground Tool Diameter	Maximum Ø350mm
• Table Movement X/Y	250/200mm
• Divisor Rotation Angle	360°
• Divisor Output Number	2-3-4-6-8-12
• Grinding Wheel Outside Diameter	Max. Ø150mm
• Grinding Wheel Bore Diameter	Ø20mm
• Coolant Motor Capacity	35 lt/min.
• Coolant Container Capacity	~50 lt
• Motor Quantity	2
• Total Power	0.75kW
• Voltage	380V,3 Phase,50-60 Hz.
• Net/Gross Weight	520/545 kg
• Dimensions	80*120*180 cm

OPTIONALS



UTB-Power



UTB-H



24V Numeric Control Panel



TFT Screen Control Panel

- Hydraulic Controlled Movement
- Motor Controlled Movement [Infeed (Z) or longitudinal axes (Y)]



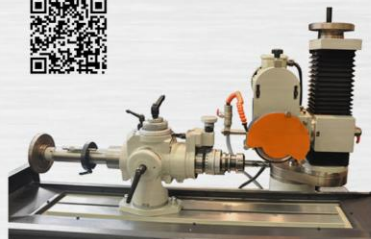
- A- Knife Attachment
- B- Shank Tools Attachment
- C- Finger-Joint Knives Attachment
- D- Morse-end connecting shafts in various diameters



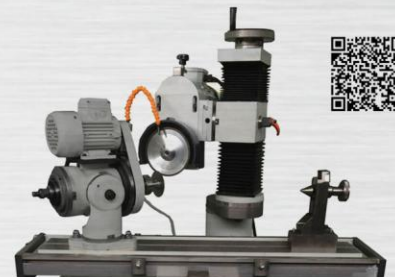
Power Lock Attachment



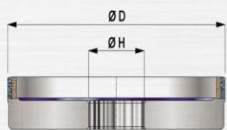
Motorized Dividing Head



Helical Tools Grinding Attachment

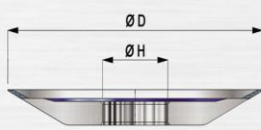


Circular Knife Grinding Attachment



Top Grinding Wheel

Type: 6AA9
D: Ø 80-150 mm
d: Ø 20 mm



Face Grinding Wheel

Type: 12V2
D: Ø 100-150 mm
d: Ø 20 mm



İTOB 10011 Sok. No:6 Tekeli, 35477, Menderes, İzmir, TÜRKİYE
Tel: +90 232 782 6644 /1468 Fax: +90 232 782 2390
www.abmmakine.com.tr • info@abmmakine.com.tr

