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Product Name :

Tool And Cutter Grinding Machine

Product Code :

SLE/MCE/08



Science Lab

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Description :

Tool And Cutter Grinding Machine (Product Code: SLE/MCE/08) is a precision grinder used to resharpen milling cutters, reamers, taps and other multi-tooth cutting tools in tool rooms, machine shops and engineering training workshops. It takes cutters up to 250 mm in diameter, holds work up to 300 mm between centres and has a fully adjustable work head on a swivel base. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its engineering lab equipment in India.

Specifications

Parameter	Detail
Cutters ground	Cylindrical, side and face, involute gear, concave and convex cutters
With standard accessories	Resharpening of bevel lead angle reamers and the cutting face of tap flutes
With extra accessories	Drill point, tap lead and radius grinding
Work head	Holding fixture fully adjustable, with swivel base
Table stroke control	Adjustable stopper limits longitudinal table reciprocation
Working surface of table	450 x 125 mm
Longitudinal traverse	200 mm
Cross traverse	150 mm
Maximum distance between centres	300 mm
Swing diameter on standard centres and work head	275 mm
Maximum cutter diameter	250 mm
Maximum length of cutting edges ground	260 mm
Grinding spindle speed	Single (mono) speed: listed as 3600 RPM in the feature description and 4600 RPM in the technical table; to be confirmed at quotation
Drive	V-belt from motor to spindle
Motor	0.5 HP, 2800 RPM
Base of machine	599 x 430 mm
Floor area occupied	765 x 1145 mm
Height of machine	1375 mm
Wei	
Proc	
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