Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Universal Milling Machine

Product Code :

SLE/MCE/03



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Phone: +91-7082934803

Description :

Universal Milling Machine (Product Code: SLE/MCE/03) is a conventional milling machine witha swivelling table used to machine horizontal, vertical, angular, grooved and helical surfaces in workshop training and in single-piece or serial production. Its 800 x 175 mm table swivels 45 degrees either side, and the machine offers 6 spindle speeds with a 1, 1.5 or 2 HP main motor. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Surfaces produced	Horizontal, vertical, helical, grooved, slotted and angular
Cutter types	Cylindrical, disc, end and angular milling cutters, among others
Table surface	800 x 175 mm
T-slots	3, size ½ inch
Table swivel	45 degrees either side
Longitudinal traverse	475–675 mm
Cross traverse	150 mm
Vertical traverse	400 mm
Longitudinal table feeds	2
Number of spindle speeds	6
Spindle speed range	Listed as 40 RPM
Spindle diameter	50–90 mm
Diameter (listed without further description)	25.4 mm
Main motor	1, 1.5 or 2 HP
Weight	450 kg
Product code	SLE/MCE/03
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Universal Milling Machine Used For?

Milling removes metal with a rotating multi-tooth cutter while the work is fed past it on the table. What makes a universal machine different from a plain miller is the swivelling table: set at an angle to the cutter, it allows helical and angular work in addition to ordinary flat faces, steps, slots and g over most

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