Email : sales@scilabexport.com
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Product Name :

CNC milling Machine

Product Code :

SLE/MCE/02



Science Lab
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Description :

CNC milling Machine (Product Code: SLE/MCE/02) is a three-axis, vertical-spindle CNC milling machine used to cut faces, slots, pockets and contours in metal parts under program control in engineering college workshops, CAD/CAM laboratories and industrial training centres. Its 500 x 400 x 300 mm X/Y/Z travel, 650 x 400 mm table rated for 300 kg and 48 m/min rapid traversegive trainees experience on a production-size machine. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, alongside its other engineering lab equipment inIndia.

Specifications

Parameter	Detail
Power source	200–240 VAC, 50–60 Hz, 3-phase
Controlled axes	3 axes, all 3 simultaneously controllable
Control features	High Response Velocity (HRV); 512 kbyte part program storage; 200 registerable programs
Operation panel	10.4 inch colour LCD
I/O interface	RS-232C
X-axis travel (table, longitudinal)	500 mm
Y-axis travel (saddle, cross)	400 mm
Z-axis travel (spindle head, vertical)	300 mm
Table working space (X x Y)	650 x 400 mm
Workpiece mass capacity	300 kg (uniform load)
Table working surface	3 T-slots, size 14 mm, pitch 125 mm
Rapid traverse rate	48 m/min (X, Y, Z)
Feedrate	30000 mm/min
Machine height	2236 mm
Floor space	1615 x 2040 mm
Mass of machine	Approx. 2000 kg
Accessories	Automatic oil lubricating system, working lamp, air blow for chips, 3-colour signal lamp, tool holder locking device, tool setting stand, touch probe, tool length switch for automatic measurement, LED illumination, coolant unit with chip flush
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