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

Product Name :

Boring machine

Product Code :

SLE/MCE/05



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Description :

Boring machine (Product Code: SLE/MCE/05) is a compact boring machine used to enlarge existing holes and true cylindrical bores to an accurate diameter in automotive, maintenance and training workshops. It is listed in two sizes covering bores of 65–140 mm and 80–165 mm, up to 300 mm or 400 mm deep, and weighs only 62 kg or 85 kg. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Boring diameter	65–140 mm or 80–165 mm (two sizes)
Maximum boring depth	300 mm or 400 mm
Spindle speed	250 or 380 r/min
Spindle feed	0.11 or 0.12 mm per revolution
Spindle quick reset	636 mm/sec
Overall dimensions	320 x 330 x 850 mm (as listed)
Machine weight	62 kg or 85 kg
Product code	SLE/MCE/05
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Boring Machine Used For?

Drilling makes a hole; boring finishes it. A boring machine passes a single-point cutter through an existing bore so that it becomes round, straight and exactly the intended diameter. Compact machines of this kind are commonly used to rebore worn cylinders, such as engine cylinder bores in automotive workshops, and in training institutes to show how precision holes are finished after rough machining.

In use, the machine is aligned over the bore, the cutter is set to the target diameter and the spindle is run at 250 or 380 r/min with a fine automatic feed of 0.11 or 0.12 mm per revolution. After each pass the quick reset returns the spindle at 636 mm/sec, saving time between cuts. Measure the bore after every pass and take light final cuts to reach size.

What to Specify When Ordering

- Bore diameter range: 65–140 mm or 80–165 mm.
- Maximum bore depth: 300 mm or 400 mm.
- Your electrical supply, which is not stated in the current listing.
- Any cutters or setting accessories you want included in the quotation.
- Quantity and delivery location.

Manufacturer

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