

HINGE BORING MACHINE



Automation has found its way into every aspect of our lives – whether direct or indirect, from sensor-based operations in our home to large manufacturing equipment in factories. It saves time, is super efficient and leaves little to no room for human errors.



A large part of furniture construction is assembling cabinets and carcasses with the help of connecting hardware. This requires drilling patterns with tremendous precision. This process is made simpler by using Häfele's Hinge Boring Machine which proves to be useful in all kinds of furniture assembly, promoting ease and efficiency. Its primary function is to perform milling of hinge slots onto wooden materials with the help of the different bits provided with it. As this is a portable machine, it can be conveniently carried to the location of the project.

The machine has two drill bits for the reference holes and one hinge boring bit for the hinge boss. The entire apparatus is easy to mount and operate and comes with adjustment options to get the most accurate dimensions that in turn provide a wholesome fit for the furniture hinges. The hinge boring machine works for Häfele's entire range of Metalla, Eco-Metalla and Metallamat series of hinges which require hinge boss diameter of Ø35 mm (except for thick door and Duomatic hinges).

PRODUCT SPECIFICATIONS

Article No.	001.85.000	Consists of: – 1 Hinge Boring Machine – 2 pieces of Ø 2 mm drills (for screw fixing hole) – 2 pieces of Ø 10 mm bit (for plastic dowel) – 1 piece of boring bit Ø 35 mm (for hinge boss) – M6 × 6 grub screws
Electric Motor	Power	0.75 kW
	Speed	2800 rpm
	Current	3.5 A
	Cutting Angle	90°
	Average Noise Level	74.1 dBA
Diameters of the cutters	Hinge Slot	Ø 35 mm
	Drill	Ø 2 and Ø 10 mm
Horizontal Movement (Width)	X	2-12 mm
Vertical Movement (Depth)	Y	60 mm
Dimensions	Width	800 mm
	Depth	570 mm
	Height	490 mm
Weight		21.5 kg

INSTRUCTIONS

1. After the drilling bits are fixed to the machine, the machine is ready to use. Press the **Green** button () once, then push the lever down to start drilling.
2. Once the drilling work is completed, press the **Red** button () to switch off the machine.
3. The boring depth can be adjusted up to 60 mm and the lateral position of the guard (part where the drill bits are attached) along the width can be adjusted between 2-12 mm

Notes for Safety:

- Do not use this machine for the boring operations of materials other than wood
- Always disconnect the device from the power supply before fixing a new drill bit
- Do not insert your hand to fix drill bit manually while the machine is working, it can lead to injury