

CNC Multiple Door Drilling and Mortising Machine

This CNC machine is designed for drilling and mortising multiple doors simultaneously. It provides efficient and precise machining for high-volume door production.



Overview



High-Efficiency CNC Door Processing

The HC4120D is a professional-grade CNC solution designed for high-precision drilling and mortising of multiple doors. It streamlines production by automating complex tasks such as hinge slotting, lock hole drilling, and sidestep operations. This robust machine is ideal for large-scale door manufacturing, ensuring consistent quality and significantly increased productivity through its advanced CNC control system.

Key Features

Automation Features

Auto Tool Setting, Auto Thickness Measurement, Auto Width Measurement, Auto Lubrication, CNC Precision

Technical Performance



Spindle Speed

12000 RPM

Spindle Speed

Motor Power Configuration

Component	Power Output
Lock-slot Motor	3.7 kw
Lock-hole Motor	1.5 kw * 2
Hinge-slot Motor	0.4 kw * 3
Lock-sidestep Motor	0.4 kw

Workpiece Capacity



Max Working Length	2400 mm
Processable Door Width	600 - 1100 mm
Max Working Thickness	60 mm

Mechanical Details

Chuck Diameters

- ER32 (16mm for lock slot)
- ER20 (13mm for other operations)

Max Worktable Stroke	400 mm
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Physical Dimensions



Machine Weight

1900 kg

Overall Dimensions

2740 x 2270 x 1620 mm

Processing Capabilities

Supported Operations

Hinge Drilling • Lock Slotting • Lock Hole Drilling • Sidestep Processing • Mortising