

1" Heavy-Duty Mortiser (MI-77200)

Tilting Head



Optional accessory:
MI-99772 Stand



With a powerful 1 HP motor and heavy-duty cast-iron head, column and base, the MI-77200 1" Heavy-Duty Mortiser is designed for applications that demand precision and high-quality results — such as furniture making and cabinet production. Its head tilts up to 30° to allow the workpiece to remain level and secure on the table even when mortising on an angle. Heavy-duty cast-iron components ensure stable, vibration-free operation, providing leverage, accuracy and control on every stroke.

Features:

- 1 HP fan-cooled motor is totally enclosed for protection from dust and debris
- Head tilts up to 30° left or right for angled mortising
- Heavy-duty rack-and-gear reduces operator fatigue and delivers consistent, accurate results in production applications
- Cast-iron head, column and base deliver stable, vibration-free operation
- Solid steel chromed hand wheels allow smooth table adjustments
- Easy-to-adjust depth stops allow consistent, accurate mortising
- Extra-long, wide diameter handle provides leverage and control
- Gas cylinder controls stroke
- Includes four bit and chisel sets and 5/8" and 3/4" sleeves
- Optional deluxe stand (MI-99772) available to improve stability and optimize working height

Specifications:

Motor: 1 HP, 110/220V, 1 PH, 10A
Chuck capacity: 1/2" (13 mm)
Spindle speed: 1,720 RPM
Chisel capacity: 1/4" to 1" (6 to 26 mm)
Max chisel stroke: 8" (200 mm)
Fence size: 14-1/8" x 2-7/8" (360 x 73 mm)

Distance
fence to centre chisel: 3" (77 mm)
fence to centre chisel: 6-1/2" to 10-3/16" (165 to 259 mm)
Table size: 12-1/2" x 18" (318 x 458 mm)
Base dimensions: 12" x 12" (305 x 305 mm)
Overall height: 48-1/2" (1,232 mm)
Weight: 236 lbs (107.5 kg)