

# MACHINE SPECIFICATIONS



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## MODEL W1743 HEAVY DUTY MORTISER

### Product Dimensions

Weight..... 367 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 24 x 36 x 71 in.  
Footprint (Length x Width)..... 20-1/2 x 17-1/2 in.

### Shipping Dimensions

#### Carton #1

Type..... Wood Slat Crate  
Content..... Machine  
Weight..... 301 lbs.  
Length x Width x Height..... 22 x 22 x 33 in.

#### Carton #2

Type..... Cardboard Box  
Content..... Stand  
Weight..... 66 lbs.  
Length x Width x Height..... 20 x 23 x 30 in.

### Electrical

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 14A at 110V, 7A at 220V  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 16 AWG  
Plug Included..... Yes  
Switch Type..... On/Off Push Switch

### Motors

#### Main

Horsepower..... 1.5 HP  
Phase..... Single-Phase  
Amps..... 14A/7A  
Speed..... 1725 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer..... Direct Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

## Main Specifications

### Operation

Table Cross Travel.....	3 in.
Table Longitudinal Travel.....	14-1/2 in.
Spindle Travel.....	9 in.
Column Tilt (Left/Right).....	30 deg.
Head Vertical Traverse.....	3 in.
Number of Spindle Speeds.....	1
Range of Spindle Speeds.....	1725 RPM

### Cutting Capacities

Maximum Stock Width.....	9 in.
Maximum Stock Thickness.....	6-5/8 in.
Maximum Mortising Depth.....	6-1/4 in.
Maximum Chisel Travel.....	6-1/4 in.
Maximum Chisel Size.....	1/4 - 1 in.
Fence to Chisel Center Distance.....	3 in.
Extendable Work Stop Length.....	30-1/2 in.

### Table Information

Table Size Length.....	12-1/2 in.
Table Size Width.....	19 in.
Floor to Table Height.....	36-3/4 in.

### Chuck Information

Chuck Type.....	Keyed
Chuck Size.....	1/2 in.
Chuck Capacity.....	1/2 in.

### Construction

Base.....	Cast Iron
Head.....	Cast Iron
Table.....	Cast Iron
Paint Type/Finish.....	Enamel
Cabinet.....	Steel
Column.....	Cast Iron
Fence.....	Cast Iron
Saddle.....	Cast Iron

### Other

Handle Length.....	26 in.
Clamp Drive.....	Manual
Head Drive.....	Rack & Pinion
Mobile Base.....	D2260A

### Other

Country of Origin .....	Taiwan
Warranty .....	2 Years
Approximate Assembly & Setup Time .....	1 Hour
Serial Number Location .....	ID Label
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

## Features

- Tilting Head
- Solid Cast-Iron Construction
- 30 Degree Fence Swing