

MACHINE SPECIFICATIONS



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MODEL M1039 1-1/2 HP 20" FLOOR DRILL PRESS

Product Dimensions

Weight..... 303 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 21 x 34-3/4 x 70-3/4 in.
Footprint (Length x Width)..... 23 x 18 in.

Shipping Dimensions

Type..... Cardboard Box
Content..... Machine
Weight..... 317 lbs.
Length x Width x Height..... 61 x 26 x 13 in.

Electrical

Power Requirement..... 120V or 240V, Single-Phase, 60 Hz
Prewired Voltage..... 120V
Full-Load Current Rating..... 18A at 120V, 9.4A at 240V
Minimum Circuit Size..... 30A at 120V, 15A at 240V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-20 for 120V
Recommended Plug Type..... 6-15 for 240V
Switch Type..... Toggle Safety Switch w/Removable Key

Motors

Main

Horsepower..... 1.5 HP
Phase..... Single-Phase
Amps..... 18A/9.4A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Main Specifications

Operation Information

| | |
|---|--------------------|
| Type..... | Floor |
| Swing..... | 20 in. |
| Spindle Taper..... | MT#4 |
| Spindle Travel..... | 4-3/4 in. |
| Max. Distance From Spindle to Column..... | 10 in. |
| Max. Distance From Spindle to Table..... | 28-1/2 in. |
| Number of Spindle Speeds..... | 12 |
| Range of Spindle Speeds..... | 180 - 3240 RPM |
| Max. Head Swivel..... | 360 deg. |
| Drilling Capacity (Mild Steel)..... | 1-1/4 in. in Steel |
| Drill Chuck Type..... | JT3 Chuck w/Key |
| Drill Chuck Size..... | 5/8 in. |

Spindle Information

| | |
|------------------------------------|------------|
| Distance From Spindle to Base..... | 50-1/4 in. |
| Quill Diameter..... | 2.825 in. |

Table Information

| | |
|-----------------------------------|------------------------|
| Max. Table Tilt (Left/Right)..... | 90 deg. |
| Table Swing..... | 360 deg. |
| Table Swivel Around Center..... | 78 deg. |
| Table Swivel Around Column..... | 360 deg. |
| Table Length..... | 18-3/4 in. |
| Table Width..... | 16-3/4 in. |
| Table Thickness..... | 1-1/2 in. |
| Vertical Table Travel..... | Crank Handle Operation |
| Number of T-Slots..... | 3 |
| T-Slot Size..... | 5/8 in. |
| T-Slot Centers..... | 4-1/4 in. |
| Floor-To-Table Height..... | 25 - 47 in. |

Construction

| | |
|------------------------|----------------------------|
| Table..... | Precision-Ground Cast Iron |
| Column..... | Steel |
| Spindle Housing..... | Cast Iron |
| Head..... | Cast Iron |
| Base..... | Cast Iron |
| Paint Type/Finish..... | Enamel |

Other Related Information

| | |
|---------------------------|---------------------------------|
| Base Length..... | 23 in. |
| Base Width..... | 17-1/2 in. |
| Mobile Base..... | D2058A |
| Column Diameter..... | 3.642 in. |
| Depth Stop Type..... | Threaded Rod with Positive Stop |
| Has Work Light..... | Yes |
| Light Socket Type..... | 120V, Std Bulb |
| Maximum Bulb Wattage..... | 60 W |

Other

Country of Origin China
Warranty 2 Years
Approximate Assembly & Setup Time 2 Hours
Serial Number Location ID Label
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

Crank Handle Operated Rack and Pinion Table Movement
12 Speeds
Threaded Depth Stop
Built-In Light (120V Only)
4-3/4 in. Spindle Travel