MACHINE SPECIFICATIONS

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MODEL M1039
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..... 20A 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