

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