



MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL T33904 20" FLOOR DRILL PRESS WITH LED LIGHT & LASER GUIDE

Product Dimensions:

Weight..... 235 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 18-1/2 x 33 x 67-1/2 in.
Footprint (Length x Width)..... 22-1/2 x 16-1/2 in.

Shipping Dimensions:

Type..... Cardboard
Content..... Machine
Weight..... 257 lbs.
Length x Width x Height..... 57 x 26 x 14 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 120V, Single-Phase, 60 Hz
Full-Load Current Rating..... 13A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 70 in.
Power Cord Gauge..... 16 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Paddle Safety Switch w/Disabling Key

Motors:

Main

Horsepower..... 1-1/4 HP
Phase..... Single-Phase
Amps..... 13A
Speed..... 1720 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Direct
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... External

Main Specifications:

Operation Information

Type.....	Floor
Swing.....	20 in.
Spindle Taper.....	MT#4
Spindle Travel.....	4-1/2 in.
Max. Distance From Spindle to Column.....	10 in.
Max. Distance From Spindle to Table.....	28-5/8 in.
Number of Spindle Speeds.....	12
Range of Spindle Speeds.....	210 - 3020 RPM
Drilling Capacity (Mild Steel).....	1 in.
Drilling Capacity (Cast Iron).....	1-1/4 in.
Drill Chuck Type.....	JT3 Key Chuck
Drill Chuck Size.....	1/8 - 5/8 in.

Spindle Information

Distance From Spindle to Base.....	47-1/8 in.
Quill Diameter.....	2.441 in.

Table Information

Max. Table Tilt (Left/Right).....	0 - 45 deg.
Table Swing.....	360 deg.
Table Swivel Around Column.....	360 deg.
Max. Movement of Work Table.....	22-3/8 in.
Table Length.....	16-5/16 in.
Table Width.....	18-1/2 in.
Table Thickness.....	1-1/2 in.
Vertical Table Travel.....	Crank Handle
Number of T-Slots.....	2
T-Slot Size.....	9/16 in.
T-Slot Centers.....	7-1/8 in.
Floor-To-Table Height.....	22-1/8 - 44-1/2 in.

Construction

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

Other Related Information

Base Length.....	22-1/2 in.
Base Width.....	16-1/2 in.
Column Diameter.....	3-5/8 in.
Quill Flange/Collar Diameter.....	3 in.
Quill Hold Type.....	Slotted Set Screw
Depth Stop Type.....	Threaded Rod w/Positive Stop
Has Work Light.....	Yes
Light Socket Type.....	LED 12V
Maximum Bulb Wattage.....	3W
Has Laser Guide.....	Yes
Laser Classification.....	Class II
Laser Wavelength.....	650 nm
Laser Maximum Output.....	1mW

Other Specifications:

Country of Origin China
Warranty 1 Year
Approximate Assembly & Setup Time 40 Minutes
Serial Number Location Machine ID Label
ISO 9001 Factory Yes

Features:

Hand-Crank Enabled Rack and Pinion Table Elevation
16-5/16" x 18-1/2" Cast Iron Table w/Two 9/16" T-Slots, 7-1/8" on Center
Built-In LED Light
Adjustable Class II Laser Guide
4-1/2" Spindle Travel
360 Deg. Table Positioning Around Column
Cast Iron Base w/Two 5/8" T-Slots, 8-3/4" on Center
12 Speed Settings: 210, 340, 390, 460, 600, 610, 1130, 1260, 1635, 1735, 2190, 3020 RPM
JT3 Key Chuck 1/8" - 5/8"