



QUICK START GUIDE

20-Inch Smart Drill Press

Model JDP-20S



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QUICK START GUIDE
Edition 1 03/2025
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4.0 Quick Start Guide

Follow the instructions in this Quick Start Guide to assemble and operate the Smart Drill Press quickly. Follow all safety information in *Section 2.0 Safety Warnings*. Read and understand this entire owner's manual for detailed information on setup and assembly, electrical connections, adjustments, operating controls, using touch screen control panel, operation, maintenance, and troubleshooting.

⚠ WARNING Do not connect drill press to electrical power source until machine has been fully assembled.

4.1 Assembly and Electrical Connection

Follow the instructions in *Sections 6.0 Setup and Assembly*, and *7.0 Electrical Connections* provide in this manual.

4.2 Quick Start Operation

For in-depth information on operating this machine, follow the instructions in *Sections 9.0 Operating Control*, *10.0 Using Touch Screen Control Panel*, and *11.0 Operation*.

Power the Machine On:

Locate the Main Power Switch on the right side of the power head. Move the switch to the ON position. The JET logo will appear on the Touch Screen Control Panel and the Home Screen will appear.



Figure 4-1: Main Power Switch

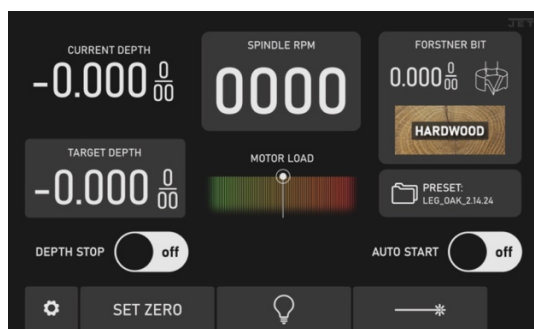


Figure 4-2: Home Screen

Front Panel Controls:



Figure 4-3: Front Panel Controls

Spindle RPM Adjustment Knob:

For quick spindle speed adjustment, use the Spindle RPM Adjustment Knob. Turn the knob counterclockwise to decrease the spindle RPM. Turn the knob clockwise to increase the spindle RPM. The spindle RPM is displayed on the Home Screen as shown in Figure 4-4.

NOTE: The spindle RPM can be adjusted in either 10-RPM increments or 100-RPM increments. Press the adjustment knob to toggle between the two before turning the knob to adjust the spindle RPM.

Home Screen Overview:

The Home Screen contains many interactive touch-controls and informational graphics. See *Section 10.1 Touch Screen Control Panel Overview* and *Section 10.2 Touch Screen Control Panel Functions* for in-depth menu operations.

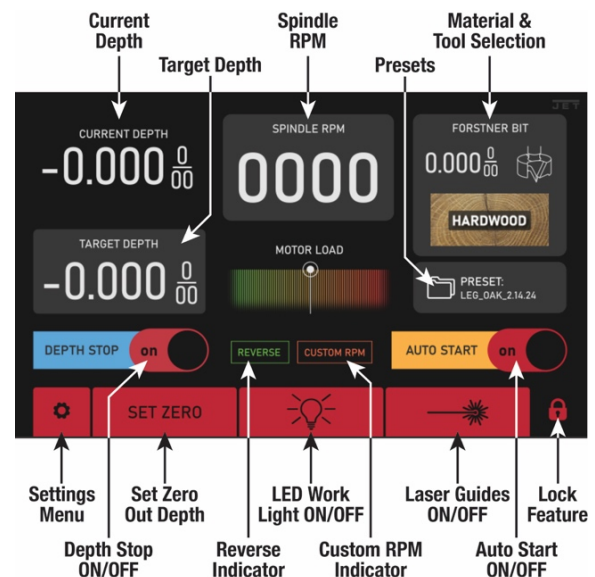


Figure 4-4: Home Screen

Select Material and Tool:

1. Touch the Material & Tool Selection area in the upper right corner of the Home Screen.

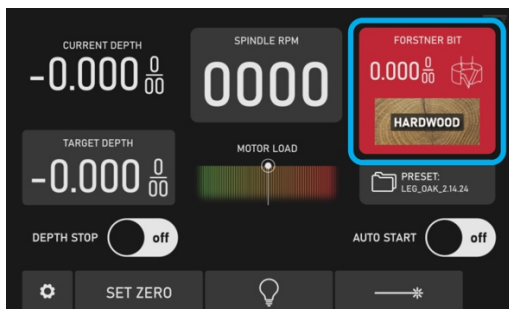


Figure 4-5: Material & Tool Selection

2. In the Material & Tool Selection menu, choose the material, the tool, and the tool diameter. The recommended spindle RPM will display on the right side of the screen. Touch CONFIRM.

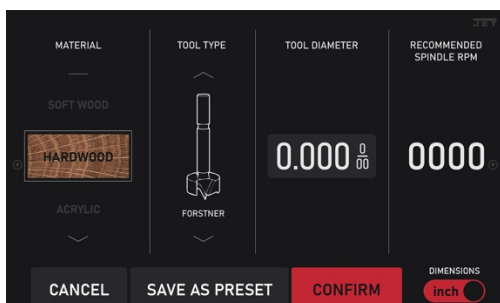


Figure 4-6: Material & Tool Selection Menu

Position Material and Start Spindle Rotation:

1. Secure your workpiece on the table. Press the green Start Button under the Touch Screen Control Panel on the front of the power head. The spindle will start rotating.



Figure 4-7: Green Start Button

Drill and Monitor:

1. Using the down-feed handles, slowly lower the spindle to drill. Monitor the process and adjust as needed.



Figure 4-8: Down-Feed Handles

Stop Spindle Rotation:

When drilling operation is completed, raise the down-feed handles. Press the red Stop Button to stop the spindle rotation.



Figure 4-9: Red Stop Button

4.3 Additional Quick Start Information

Settings Menu:

Choose various system and machine settings using the Settings Menu. See *Section 10.2.1 Settings Menu*.

Custom Presets:

You may save up to 15 custom presets from the Material & Tool selections. See *Section 10.2.3 Preset Library*.

Adjusting Spindle RPM:

You can manually adjust the spindle RPM by either using the Touch Screen Control Panel or the Spindle RPM Adjustment Knob on the front of the power head. See *Section 10.2.4 Spindle RPM*.



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