

OLIVER 4470 25-INCH PLANER

SAFETY

When feeding boards, be sure that your hand does not get trapped between the board and the table. You should keep your hands at least 3" from the end of the table. Check with the supervisor before running boards shorter than 20".

Under no circumstances should the following be run through the planer: BARK, WOOD WITH DIRT, SOIL, LOOSE KNOTS, ETC., BADLY TWISTED WOOD, AND ANYTHING THAT IS SUSPECT OF CONTAINING METAL. Check boards with the metal detector and clean dirty boards with a wire brush.

Wear eye and hearing protection.

Wear proper apparel. Do not wear gloves.

Disconnect the power source when working on the machine.

Keep work-area free from debris and tools.

Do not leave running machine unattended.

Give the work your undivided attention and be sure people around you are aware that the machine is being operated.

Never start the planer with a board engaging the cutter.

Always use air to clean sawdust from the blades.

Check with supervisor if blades are dull or other adjustments need to be made to the machine.

Always keep guards and covers in place and in good working order.

Preferably, boards should be smooth on the bottom for planing. Lift the bottom rollers when wood is rough

Maximum amount to remove for each pass is .125" or 1/8".

To keep the table feeding smoothly, use spray bottle of table dressing (Lubricant).

CAPACITY: Guild imposed standard*.

Maximum width - 25", Minimum stock thickness - 1/8", Maximum stock thickness - 9 1/4", Minimum length of board 20"* , Maximum depth of cut .125 or 1/8"*.

OPERATION

Insert plug in receptacle - red dot up - then twist clockwise to lock in place.

LED will light up - set to MANUAL or SINGLE.

In MANUAL mode (light appears on key), use UP and DOWN buttons to set initial height. (Cannot be less than 1/4" - Use the wheel to adjust for a thinner board).

EXAMPLE: If the board is 2" thick, set the initial height at 1.875 (1 7/8"). Be sure to enter the decimal point and the three positions after it.

In SINGLE mode (using above example):

Press PROG, enter 1.875, then press and hold the left arrow key for a couple of seconds. The START switch light will blink, and then press the START key and the table will set at 1.875.

Turn on the dust collector, open the blast gate, and start the machine. NOTE: The dust collector will fill up quickly. Be sure to check it every fifteen minutes!

Feed the stock, making sure that the board is straight as it is passing through the planer. That is, line up your board with the planer sides so that the board will pass straight through without hitting the stops on either side of the table. Be sure your hands are at least 3" from end of table when the wood first engages the rollers. Seek help when feeding long boards, as the table is very short, both front and back. For rough stock, adjust the bottom rollers.

For each subsequent pass, remove a maximum of .125 or 1/8". In the MANUAL mode, this is done by pushing the UP button. In the SINGLE mode, follow the steps outlined above.

"FAST" program sets:

Positions are programmed to cover board thickness of 1.875 (1 7/8") to .750 (3/4"). To activate these settings, push the designated number. The START button will blink, and then push START and the table will adjust.

NOTE: The "FAST" program sets are programmed by a designated supervisor and will be on a chart on the machine.

NOTE: The designated supervisor has also adjusted the calibration so that for each pass, the board is actually .030 (1/32") thicker than the reading. This is to allow for sanding.

When finished planing, push the STOP button to the full off position, turn off the dust collector, close the blast gate, and remove the plug from the receptacle. Be sure to clean up!

There is a wheel to make manual adjustments to the height. Pull out the handle and push the wheel inward (it is spring loaded) until it locks in place. When finished, allow it to return to the outward position and fold the handle.

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Controller (M15S) Operating Instructions

1. Front Panel Overview

