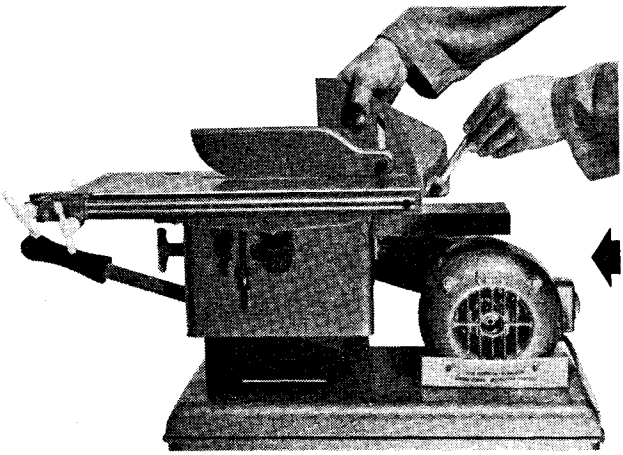
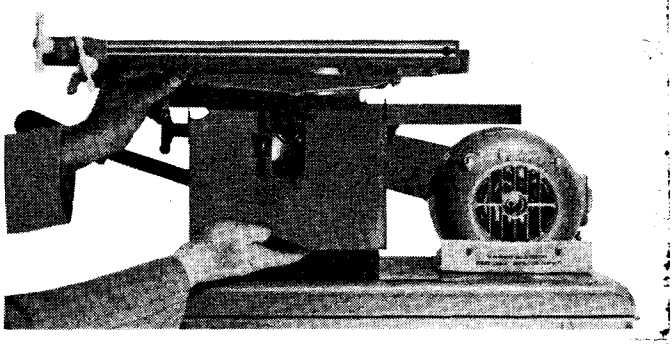
JUNIOR JOINER, TABLE CHANGEOVER INSTRUCTIONS
for
BORING, DOWELLING, SLOT MORTISING and SANDING



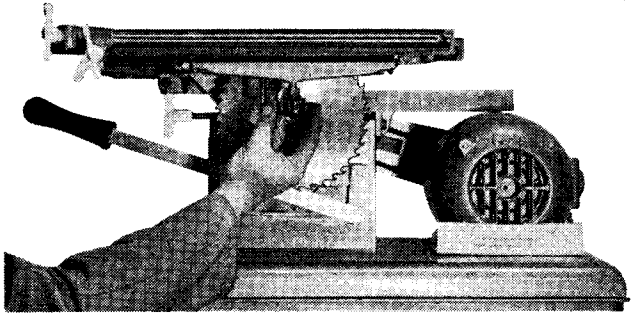
1

Release wing nut lock and raise tables to their full height by means of the main control handle, retension wing nut lock so as to keep the tables in the full up position. (The wing nut lock referred to is the one illustrated as being under the tables just above the control handle where this handle enters the machine.) Loosen the bolt holding the rifing knife to the rear of the saw table and lift the rifing knife, and the saw guard as one complete unit, clear of the table.

2



Remove the guard covering the lower part of the saw blade by loosening the two small wing nuts situated at each end of this guard and close up to the underside of the table.



3

Unscrew the large plastic knob situated under the saw table (as illustrated) until it disengages from the saw table. This knob is contained in the cast clamp bar and will spin freely when so disengaged.

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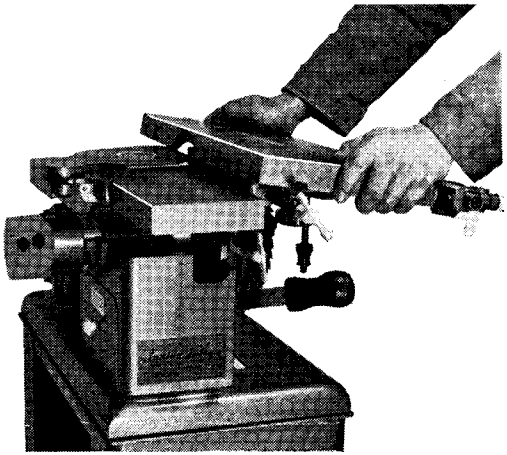

Grasp Saw Table at the front and rear and tilt up the edge nearest the planer to about twenty degrees so that the edge will clear the saw teeth.

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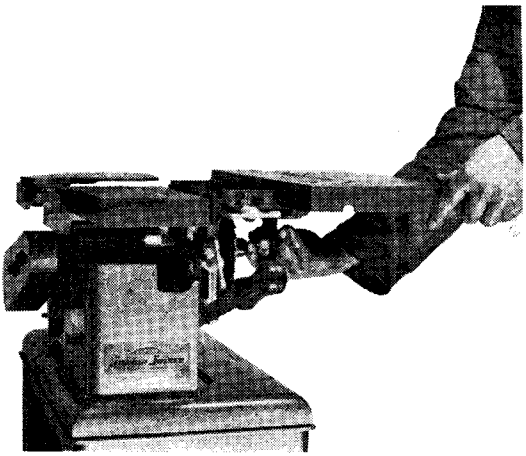

Pull the table sideways along its guide rails until it can be lowered down level again and positioned against the stop pins which are fitted in the guide rails. Push the large plastic knob upwards and engage the thread in the table and tighten moderately.

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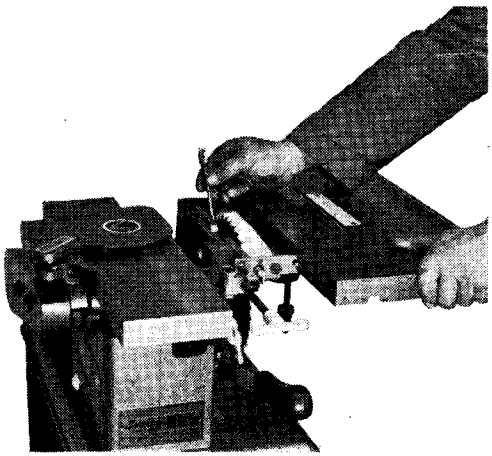

With the spanner provided loosen the two hexagon nuts visible down behind the saw blade, while at the same time supporting the weight of the table with your other hand.

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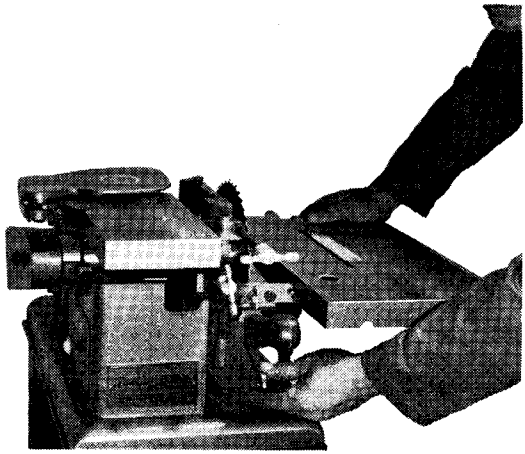

Providing the nuts have been loosened sufficiently the saw table can now be lowered to the bottom of the travel of the secondary slide and the two hexagon nuts relocked, using the same spanner but working from the underside of the saw table as shown.

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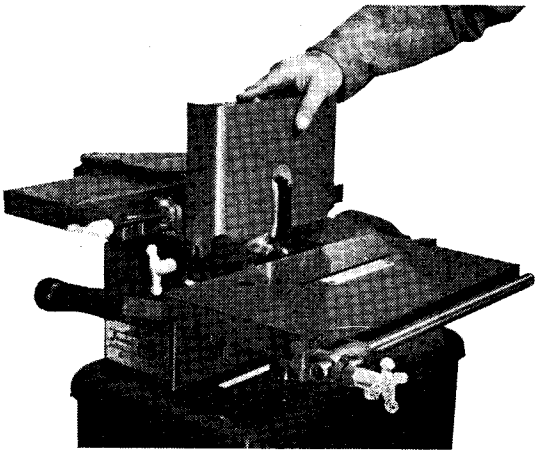
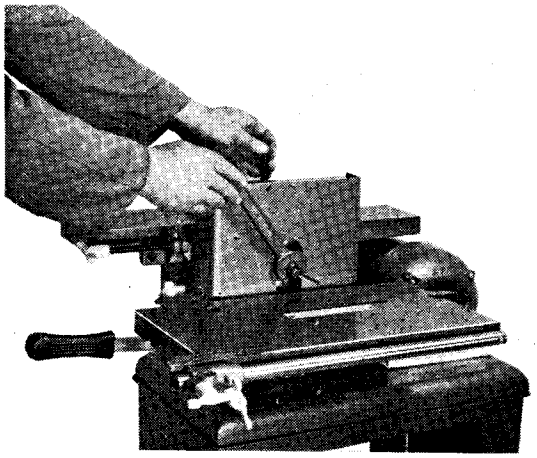


Invert the guard which was previously removed from under the saw table and place it over the top of the saw blade and retighten the small wing nuts.

8



Hold the control handle, release the wing nut lock, lower the table to the bottom of its travel. Insert a standard $\frac{1}{2}''$ shank boring or mortising bit, as the case may be, into the end of the saw spindle. Using the "tommy bar" supplied, fit it into the cross drilled hole in the saw spindle so as to prevent the spindle from rotating when the collet nut is lightly tensioned with the spanner provided.

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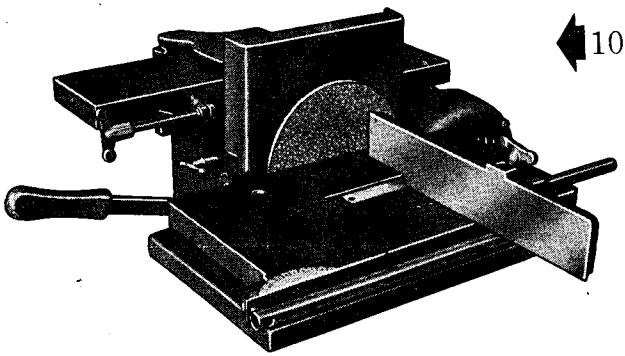

10

To fit the 8″ sanding disc supplied, the procedure as earlier explained for the boring is adapted, except that after the table has been lowered to its full down position, the collet nut on the end of the saw spindle is removed and after loosening the large plastic knob until it spins freely, the saw table is drawn sideways away from the spindle to allow the sanding disc to be screwed on. The table is then returned to its correct position against the stop pins in the guide rails and the large plastic knob is retensioned moderately. The main control handle should now be lifted to bring the table surface just above the centre of the sanding disc.

For both boring and sanding operations the guide fence can be swung across the table to form a right angle for boring, or to any angle, off the table protractor, for sanding work in which case the whole fence assembly can be traversed along the table guide rail in a similar manner to that explained earlier under mitre cutting on the saw.

Dowelling or Boring Drills

These are available to suit the "Junior Joiner" collet chuck, they have a standard $\frac{1}{2}$-in. parallel shank and their cutting diameters progress in 1/16-in. from 3/16-in. to $\frac{3}{4}$-in. in diameter. These drills have spiral fluting to facilitate shaving removal when boring deep holes.

Mortise Drills

These drills are usually of the straight flute type and the cutting edge is relieved along the entire cutting length to facilitate the cutting action when the work piece is moved sideways to produce the slot known as the "Mortise". Like dowell drills mortise drills are available with a standard $\frac{1}{2}$-in. shank to suit the "Junior Joiner" collet chuck, the cutting diameters also varying in 1/16-in. from 3/16-in. to $\frac{3}{4}$-in. in diameter.

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