

Operating Instructions

TRIGGER "ON/OFF" SWITCH

WARNING Hold the tool with both hands while starting the tool, since torque from the motor can cause the tool to twist.

To turn tool "ON", depress the "Lock-OFF" button and squeeze the trigger switch. To turn the tool "OFF", release the trigger switch which is spring loaded and will return to "OFF" position automatically.

To increase switch life, do not turn switch on and off while tool and drum are held against a workpiece.

PLANING ACTION

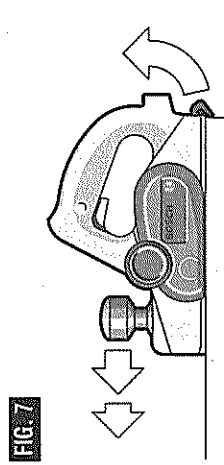
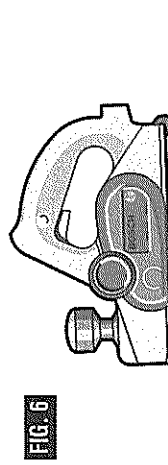
Check that the workpiece is held in place securely on your work surface, and standing comfortably, hold the planer firmly with both hands. With the planer fully adjusted, place the front shoe on the workpiece, (be certain that the cutter drum is not in contact with

the work) and start the planer as described earlier. With pressure on the front shoe, and the fence against the side of the work (to control the width or angle), feed the planer steadily until the rear shoe fully engages the workpiece. Now gradually transfer pressure to the rear shoe, and continue planing to the end of the cut. Feed the planer at a uniform and reasonable rate, which does not put excessive strain on the motor or blades, (do not pull the planer back over the surface already cut.) Use progressive cuts until you are near the desired depth, and then re-adjust to a light cut for the final pass to obtain a good surface finish.

CAUTION The motor may stall if improperly used or overloaded. Reduce the pressure (feed rate) or depth of cut to prevent possible damage to the tool if the motor labors.

TOOL PARK REST

The park swings down to help keep the blade from coming in contact with the work surface when plane is not in use (Fig. 6). The tool park rest was designed to swing up and out of the way by itself when the back of the plane crosses the leading edge of the workpiece (Fig. 7).



ADJUSTING DEPTH OF CUT

Proper cutting depth should be determined according to the hardness, gumminess or moisture content of the material being cut,

as well as the feed rate, and is largely a matter of experience. Start with a light cut and increase the depth setting if the plane moves freely through the workpiece with no excessive load on the motor. Do not change depth of cut while planing.

The cutting depth is determined by the difference in height between the adjustable front shoe, and the fixed rear shoe of the planer. As the front shoe is adjusted, it retracts and exposes the blade, which can then remove the desired amount from the workpiece. The cutting depth is graduated from 0 to 1/16 of an inch, and the "0" indicates the blade is fully retracted.

Adjusting depth of cut: Rotate depth adjustment knob until the indicator engages the detent which indicates the desired cutting depth on the depth scale (Fig. 1).

The planer may be set to cut any depth from 0 to 1/16 of an inch.

STANDARD PARALLEL WIDTH GUIDE FENCE

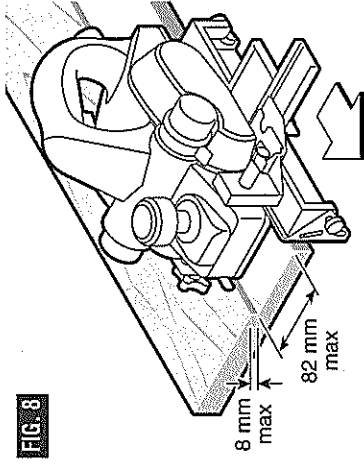
The width guide fence can be used to cut various desired widths (Fig. 1).

Installing the guide fence: Place the wing knob through the appropriate hole in the guide bracket and screw into the housing. Securely tighten wing knob.

Setting the cutting width: Loosen wing knob and slide the fence along the guide bracket to the desired position. Securely tighten wing knob. Be certain that the flat washer (supplied) is fitted between the bottom of the guide fence and wing knob or the guide fence is likely to slip.

DELUXE ANGLE FENCE

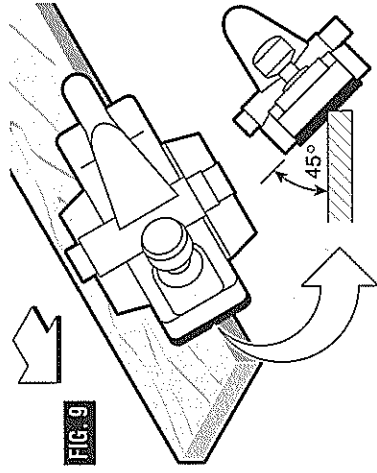
The optional deluxe angle fence (Fig. 8) can be used to cut various desired widths, with the additional capability of guiding the planer on any angle up to 45 degrees, to allow edge chamfering (Fig. 9).



Installing the angle fence: Place the wing knob through the appropriate hole in the guide bracket and screw into the housing. Securely tighten wing knob (Fig. 1).

Setting the cutting width: Loosen wing knob and using the width scale, slide the fence along the guide bracket to the desired position. Securely tighten wing knob (Fig. 1). Setting the cutting angle: Loosen round

knobs and pivot the fence to the desired position. Securely tighten round knobs (Fig. 1). Note that the adjustable front shoe contains a chamfer V-groove, which will follow the corner of a workpiece to allow easier handling when using the deluxe angle/width fence (Fig. 9).



RABBETING DEPTH STOP

The optional rabbeting depth stop accessory (Fig. 1) allows the user to set any rabbeting depth from 0 to 5/16 inch. For best results, it is important that the blade be properly aligned (See "BLADE ALIGNMENT"). The width of the rabbet is controlled by the width fence. The maximum cutting width is 3-1/4" and the final depth is achieved by repetitive cutting until the rabbeting depth guide contacts the workpiece. The maximum rabbeting depth is 5/16"

Setting the rabbet depth: Loosen wing knob and using the depth scale on the rabbeting depth stop, set the desired rabbet depth. Securely tighten wing knob.

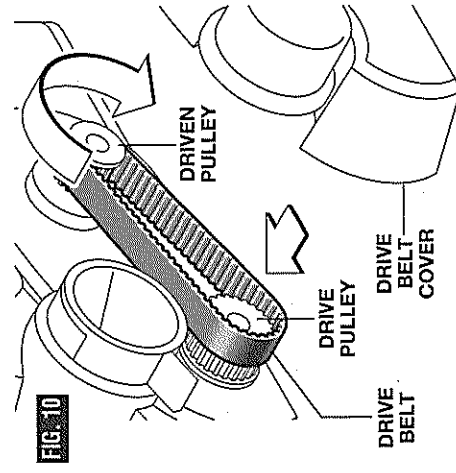


FIG. 10

DRIVE BELT

The drive belt is a normal maintenance part and should be inspected periodically for wear. If the drive belt shows signs of drying out, cracking or tearing, it should be replaced. If the drive belt will not track properly or comes off the pulleys, it should be replaced.

Installing new drive belt: Loosen screw and remove the drive belt cover. Cut and remove the worn drive belt. Before installing the new drive belt, clean both pulleys thoroughly. First place the new drive belt onto the drive pulley then rotate clockwise while pushing the belt onto the driven pulley. Reinstall the drive belt cover and securely tighten screw (Fig. 10).