

667 JOINTER STAND

CONSTRUCTION

The No. 667 Jointer Base comes to you completely assembled and ready for mounting motor and jointer. The base is made up of four panels, the front and rear, upon which the jointer rests, and the left and right hand sides, which are fastened to the front and rear panels with heavy stamped angle brackets. The left hand side panel is fastened permanently in place; however, the right hand panel is removable for accessibility to motor, belt, etc. This panel is held in place with four thumb nuts which are screwed to studs fastened to the angle brackets, thus by removing the four thumb nuts, the entire right hand panel can be removed exposing the motor, pulley, belt, etc., for inspection or adjustment.

MOTOR PLATE

The motor plate is supported on studs which are fastened to the lower angle brackets. Adjusting nuts on the studs hold the motor plate in any desired position. By raising and lowering the plate on the studs any belt tension desired can be obtained. While the adjustable motor plate is a desirable feature to have on a machine, be careful to adjust the belt properly.

BELT TENSION

A V belt does not need much tension to deliver full power. Due to the fact that the belt contact is on the side of the groove instead of the bottom, a wedging action takes place, therefore, only a slight belt tension produces sufficient belt pressure to accomplish the drive without slipping. Any additional tension merely shortens the life of both belt and pulleys.

MOTOR

The motor plate is made with holes to fit our standard line of 8 1/2" frame motors. These motors are available in single phase, three phase and direct current.

While our standard motors are sold with built-in switches, which were operated with switch rods the new No. 667 jointer base is provided for mounting a remote control switch on the outside. This makes it necessary to change the connection of the power cord. A new switch and switch box, together with the proper cord for connecting the switch to the motor, Cat. No. 132 is required. The power cord which comes supplied with the motor is disconnected from the motor and connected to the new remote control switch.

MOTOR SWITCH

The switch which comes with the motor cannot be used due to the fact that the new remote control switch is mounted differently, being riveted to a steel bar which is mounted into the switch box. This same bar also has on it ears with a hole which permits locking the switch in the off position with a padlock.

In making the connections to the motor, if soldering is not convenient, the loops on the end of the motor wires, and those on the motor cord, can be fastened with No. 6-32 brass round head machine

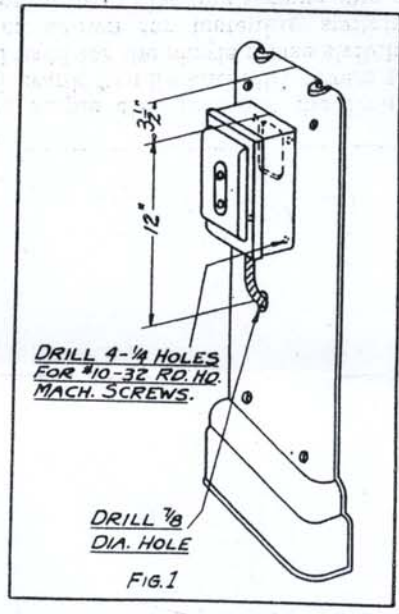
screws and nuts. Fasten the loops securely together with the screw and wrap securely with rubber tape and then friction tape.

SINGLE PHASE SWITCH

The new remote control switch is mounted over a rectangular hole in the front of the jointer stand, and fastened with the tapped holes provided. The holes for fastening are on the inside of the switch box, and are accessible by removing cover plate. Connect power cord leads to two bottom terminals of toggle switch, and the two motor cord leads to the two top terminals.

THREE PHASE SWITCH

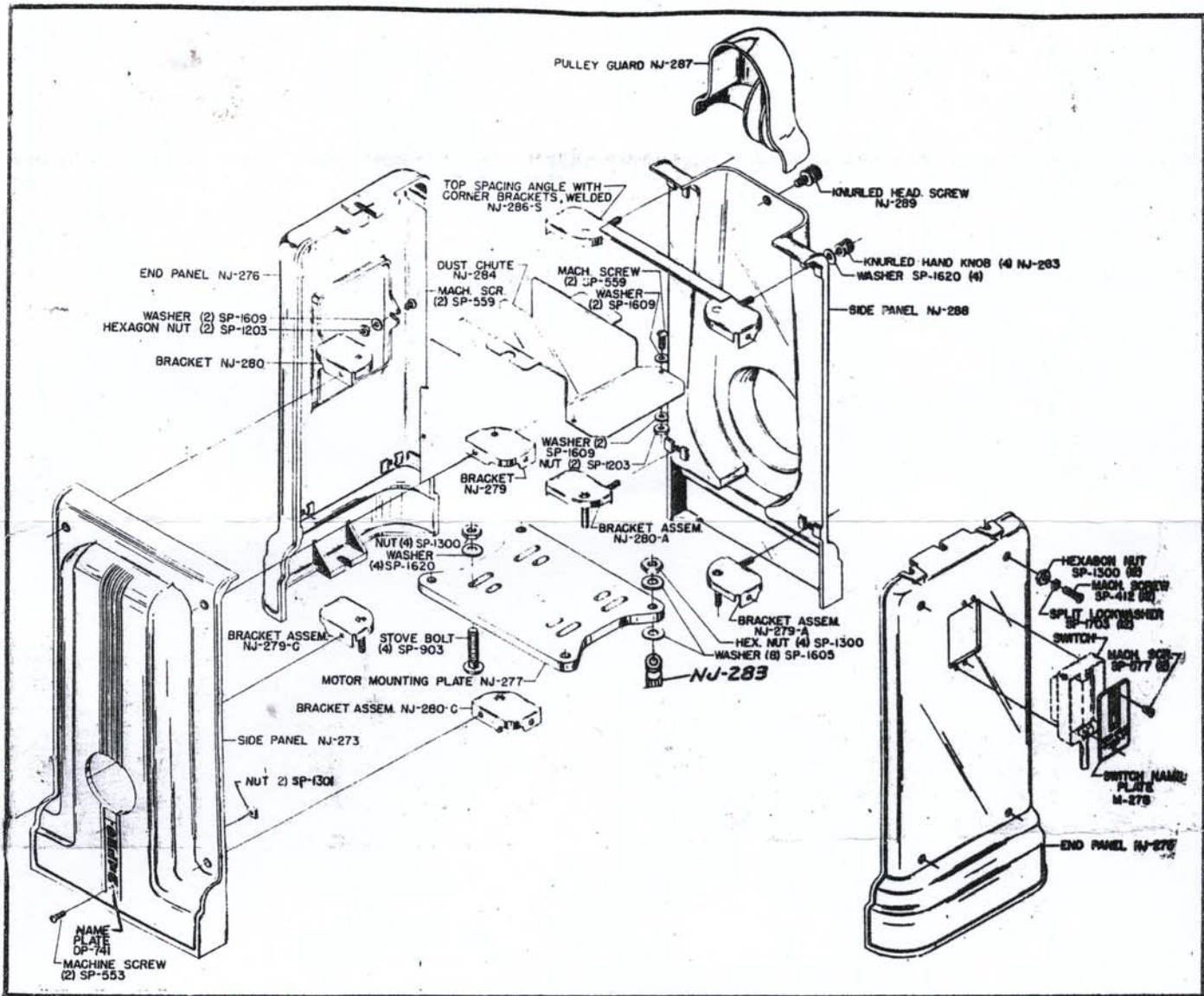
When a three phase motor is used, a three pole switch is required. We recommend our No. 1320 Allen Bradley overload protected manual starter; however, other makes of switches can be used and mounted in the same way. Mount the switch box, as shown in Figure 1 in the center of the front panel with the top of the box (3 1/2") from the top of the jointer cabinet.



This allows ample clearance for the front table adjusting ball crank handle and still covers the opening in the stand used for the single phase switch. Drill four 1/4" holes as shown for fastening switch box with No. 10-32 round head machine screws, and drill 1-7/8" diameter hole in casting below the switch box to allow the flexible conduit to be run through from the switch box to the motor conduit box.

ROTATION

The rotation of the cutter should be so the top side of the cutter travels toward the front of the jointer. If the motor runs in the wrong direction reverse the rotation according to instructions in the motor instruction sheet.



Replacement Parts

Part No.	Description	Part No.	Description
DP-741	Nameplate	NJ-287	Guard
M-278	Switch Nameplate	NJ-288	Cover
NJ-273	Cover	NJ-289	Screw
NJ-275	Cover	SP-412	5/16-18 x 1" Oval Hd, Machine Scr,
NJ-276	Cover	SP-553	#6-32 x 1/2" Rd, Hd, Machine Screw
NJ-277	Support	SP-559	#10-32 x 1/2" Rd, Hd, Machine Screw
NJ-279	Bracket	SP-577	#10-32 x 3/16" Rd, Hd, Machine Screw
NJ-279-A	Bracket w/ 2 Studs	SP-903	5/16-18 x 2 1/2" Rd, Hd, Stove Bolt
NJ-279-C	Bracket w/ 1 Stud	SP-1203	#10-32 Hex, Nut
NJ-280	Bracket	SP-1300	5/16-18 Hex, Nut
NJ-280-A	Bracket w/ 2 Studs	SP-1301	#6-32 Sq, Nut
NJ-280-C	Bracket w/ 1 Stud	SP-1605	3/8 x 7/8 x 1/16" Washer
NJ-283	Nut	SP-1609	13/64 x 7/16 x 1/16" Washer
NJ-284	Chute	SP-1620	11/32 x 11/16 x 1/16" Washer
NJ-286-S	Bracket Assembly	SP-1703	5/16" Lockwasher