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6 BLADE CUTTER MODEL # PCC-6 OPERATION MANUAL

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Bond Products Inc

Six Blade Portable Carpet Cove Base Cutter

Model PCC-6



- 110 volt - single phase - 1725 rpm motor.
- Cut up to six strips at a time at four inch width.
- Easily adjustable blades.
- Full access hinged lid.
- Labor saving design maximizes profits.



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Quality Carpet Binders, Tools & Accessories

INTRODUCTION

We would like to thank you for purchasing the BOND PCC-6. Please make sure to carefully read safety precautions prior to turning on this unit.

The following manual will provide you with necessary maintenance information in order to keep machine running well. If you should have questions regarding this unit: do not hesitate to contact us.

Once again thank you for your purchase, and happy cutting.

MACHINE SPECIFICATIONS

Dimensions:

Weight: Approx 100 lbs

Length: 33 ½ inches

Width: 21 inches

Height: 17 ¼ inches

MACHINE POWER REQUIREMENTS

110/220volts 15amps 60hertz

1 horsepower (Chicago Motor)

FEATURES

**Maximum cutting width up to 26 inches.

**Removable handle extends up to 30 inches from the base.

** Six 5 ¼ inch blades.

** ½ inch increments on blade adjustments.

SAFETY PRECAUTIONS

In order to avoid personal injury or harm, make sure the operators and/or maintenance persons of the machine have thoroughly read this manual and have carefully read the safety precautions.

- a. Read the operators manual carefully and ensure that you are familiar with the controls and proper use of the equipment.
- b. Only properly trained personnel should utilize this unit.
- c. Keep all guards and shields in place prior to turning on and operating this machine.
- d. Disconnect all power prior to making adjustments and/or repairs.
- e. Only qualified electricians should perform electrical repairs.
- f. Do not operate this unit on a wet floor.
- g. Keep **all body parts** and loose clothing away from machine when operating.
- h. Do not turn on/use machine if power cord is frayed. Hint: **KEEP CORD AWAY FROM BLADES WHILE IN USE.**

OPERATING PROCEDURES

1. Roll out material to be cut on a level surface.
2. Make sure the carpet has a straight edge before cutting
3. To keep the carpet from cutting crooked at the ends, it may be necessary to place a weight on the far end to stabilize the end. (Especially on low grade commercial goods with flimsy backings)
4. Position the cutter to the edge of the material to be cut.
5. Plug in the cutter, making sure cord is not in front of the cutting blades (keep cord on the side and/or behind the machine at all times).
6. Lift up the material and push the cutter forward until carpet is in front of the blade shield, therefore resting on the loading platform.
7. Turn on cutter switch and push the cutter into the material. Keep material against the edge guide fence.
8. Machine blades will generally pull the carpet through without effort. **DO NOT FORCE** carpet into this unit. If the machine does not pull the carpet through, correct one of three things:
 - a. Carpet is too heavy
 - b. Blades must be sharpened
 - c. Blades may be loose
9. After completing a pass through the material, turn off cutter and roll back to the front edge for next cut.

REMOVING, ADJUSTING, OR REPLACING BLADES

FIRST: Disconnect the machine from the electrical outlet. Do not attempt to adjust or remove blades or any items on the BOND PCC-6 prior to unplugging it.

1. Once power is disconnected, lift up blade cover.
2. **Always** wear the cut resistant safety glove when changing or handling the blades.
3. Using the allen wrench provided, remove the material grate screws from the top and bottom grids, and set aside.
4. Remove blades by loosening the collar set screws and sliding the collar /blade unit off the end to the right.
5. The blades can be readjusted for different size cuts in one half inch increments. Using the same methods above slide the blades to the desired width and retighten. Note: You will lose a cut at 4-1/2 inches, making it a 5 blade cutter.

SHARPENING BLADES

It is vital that your blades remain sharp. It will foster clean cuts and expedient work. You must maintain sharp blades!!! If you wish, purchase an additional set to place on these units so you do not incur downtime. Blade sharpening is also available at Bond Products Inc.

TROUBLESHOOTING TIPS

Problems:

A. Blades Not Turning/
Motor Shutting Off

B. Poor Cut Quality

C. Uneven Cuts

Solutions:

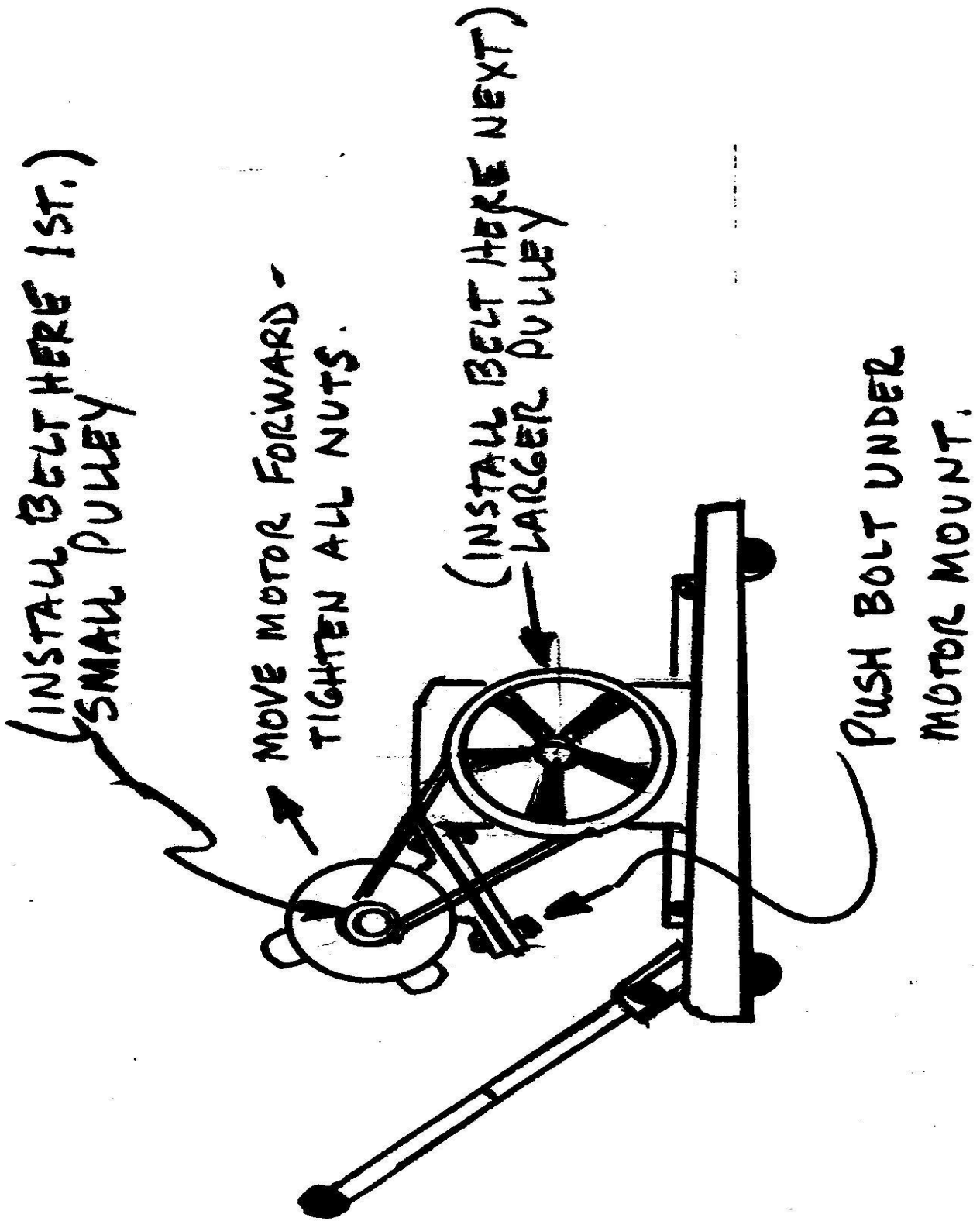
- *Check power source.
- *Too long of an extension cord reduces power; Use 12/2 gauge extension cord.
- *Blades not tight on shaft (check holding bolt on end of shaft).
- *Belt or pulley has come loose.

- *Dull blades (see blade changing & Operating instructions).
- *Operator trying to make cut too fast.
- *Re-sharpened blades have become too small (replace old blades).

*This machine is for commercial carpet. (Although it's more capable than other machines, it is not designed to cut berbers, sisals or plushes).

- *Make sure you start with straight edge.
- *Make sure blades are put on correctly.
- *Make sure material is pressed against fence edge guide while cutting material.

Motor & Belt Installation
diagram.





COVE BASE CUTTER SHARPENER

Stock # 21666S



1. Remove screw of the blade cover and lift up cover.
2. Turn on the unit while **being careful not to get near the revolving blades.**
Wear protective goggles and gloves when working near the blades!
3. Start sharpening each blade by aligning the sharpening stones on the blades edge (see Fig. B).
The sharpening stones are mounted tilted at an preset angle. The base of the sharpener must be flush against the units base to keep the angle proper.
4. Start pushing the sharpening stones against each rotating blade, (about 3/8" deep into the stones.)
Grind each blade 10 to 15 seconds.
5. Once all of the blades have been sharpened, test the blades sharpness individually by pushing a piece of carpet against each blade. Blades are sharpened properly if they cut without resistance.
If not, repeat step 4.
6. Turn off the unit and replace the cover and cover screw.

WARNING- KEEP CLEAR OF THE BLADES WHILE THE CUTTER IS RUNNING. ALWAYS WEAR SAFETY GOGGLES & GLOVES WHILE SHARPENING!



Fig. B

HOW TO ADJUST SHARPENING STONES

In order for this sharpener to perform correctly, the stones must be regularly checked for wear and proper distances between the two stones.

The two stones must have a space of 1/16" between them and must be adjusted regularly as the stones surfaces wears off.

Loosen only one of the either sides of the stones spindle clamps screws ½ turn only, then tap the rear of the spindle lightly towards the other stone until a 1/16" gap is achieved. Then, tighten the two screws snugly. (DO not over tighten screws as it will prevent the stones from spinning freely.)

The stones should also be cleaned with a solvent spray to remove metal shavings that are imbedded on the stones.

HOW TO CHANGE WORN OUT STONES

As you use this sharpener often, the stones will wear out and must be replaced. Order two new stones from Bond Products Inc. Stock number 21666ST.

Remove only one side of the stones spindle clamps, hold the stone with one hand while unscrewing the screw and washer that's holding the stone in place.

Replace with a new stone and tighten the screw firmly. Before re-installing that stone, replace the other stone without removing the spindle clamp. Now you are ready to install the first stone assembly.

Adjust the first stone so that there is a 1/16" gap between the stones. Tighten the two clamp screws snugly. (Do not over tighten screws as it will prevent the stones from spinning freely.)



Spindle clamp

Loosen both screws to adjust stones.
Loosen both screws to replace stones.

Stone stock number- 21666ST
Two stones required.

