

E-Z CUT INC.

SBC-4

4 BLADE CARPET BASE CUTTING MACHINE



OPERATING MANUAL

REV 1.0

Serial Number of Your Machine:

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INTRODUCTION AND SAFETY

- Read these instructions carefully and thoroughly to ensure that you are familiar with the machine's features and general operating functions.
- Never allow children near the machine and only personnel who are familiar with the machine and its operation should use it.
- Keep the area of operation clear of any and all potential hazards.
- Use extreme care and caution when operating this machine. All necessary safety precautions should be taken and protective wear should be worn during the operation and maintenance of this machine.

ARRIVAL AND PREPARATION

- Uncrate the machine and be sure to remove any and all packaging material.
- Check for any damage that may have occurred during shipment.
- Attach the machine's Handle.
- Ensure you have the proper **110V / 15 Amp** dedicated power supply in place.
- Use a minimum **14 Gauge** extension cord that is no longer than **50 feet** long.

CUTTING CARPET BASE

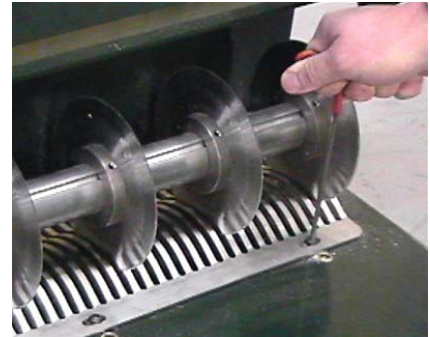
- Plug the machine into the proper power supply (110V / 15 Amp).
- Lay the carpet that you are cutting out on the floor.
- Turn the machine ON.
- Feed the edge of the carpet into the Cutting System from the front of the machine.
- Once the carpet is started use the Handle to push the machine along the length of the carpet.
- Use your feet to hold the carpet down as you push the machine along.
- Keep the edge of the carpet flush against the Table Guide to ensure a straight cut.
- Pull any remaining carpet out through the back of your machine when finished your cut.
- Turn the machine OFF.



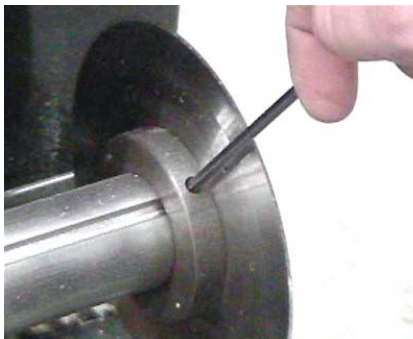
Note: The Handle and Wheels “lawnmower” system described above works best for larger pieces of carpet. With small or narrow pieces of material, you may find it easier to remove the Wheels and Handle, secure the machine to a work table, and feed the carpet in by hand. Small or narrow pieces don't seem to have the sufficient weight to sit flat on the floor and therefore are susceptible to moving or twisting when trying to cut with the Wheels and Handle in place.

ADJUSTING OR REMOVING THE BLADES

- Unplug the machine from its power source.
- Use a 5/32" Allen Wrench to remove the Allen bolts attaching the Top "Fingers" Grate to the back of the machine. Slide the Top "Fingers" out of machine from the back.
- Remove the Allen bolt from the front of the Blade Cover in order to be able to raise it to the open position.
- Remove the Allen bolts from the Bottom "Fingers" Grate. Slide the Bottom "Fingers" out from the front of the machine.



- Use a 1/8" Allen Wrench to loosen the two set screws from the Collars that hold each Blade to the Shaft. The Blades now slide freely along the Shaft. You can now adjust the Blades to any position on the Shaft or remove them from the machine.



- Before running the machine make sure the setscrews on all the Collars that secure the Blades to the Shaft are tight. You must also re-attach the Bottom "Fingers", secure the Blade Cover in the closed position and bolt the Top "Fingers" back into place.

Note: The bolts that attach the Top "Fingers" to the back of the machine are also used for adjusting the height of the Top "Fingers". The bolts should only be tightened until there is a quarter to half an inch gap between the Top and Bottom "Fingers". You may need to further adjust the "Fingers" by tightening or loosening the Allen bolts for different carpet types.

TROUBLESHOOTING

- Always make sure machine is disconnected from its power source when not in use and before performing any maintenance.
- The normal gap between the Top and Bottom “Fingers” should be about one quarter to half an inch apart. If you find that the carpet is buckling or not moving through the machine properly you may need to change this gap, which will adjust the drag on the carpet. **To Increase the drag lower the Top “Fingers” by loosening the Allen bolts that attach the Top “Fingers” to the back of the machine. Decrease the drag by tightening the Allen bolts to raise the Top “Fingers”. You must always ensure that the Allen bolts are never fully tightened.**
- Ensure your Blades are sharp. Dull Blades cause excessive drag and friction against the carpet, which leads to the machine not cutting as cleanly as it should and the carpet bunching up in front of the Blade Assembly. See page 7 for Blade Sharpening Instructions.
- Ensure your Blades are the correct size (diameter). To ensure a proper cut, your Blades should be sitting at least half an inch below the top surface of the Bottom “Fingers”. Excessive use and sharpening will result in a decreased blade size (diameter) and poor cutting performance.

ROUTINE MAINTENANCE SCHEDULE

DAILY:

- Vacuum or blow out floor covering residue, fibres, and dust build from the cutting assembly area and surfaces of the machine.
- Ensure all Blades are sharp and secure and check that all the setscrews are tightly in place.

WEEKLY:

- Check to ensure the Drive Belt is tight. Unplug the machine and removing the Belt Guard from the motor side of the machine. Once removed pinch the two sides of the Drive Belt towards each other about halfway between the Top and Bottom Pulleys. The Drive Belt should not move more than a quarter inch on either side. If it does it may need to be replaced or adjusted. Call E-Z Cut Parts And Service Department for further instruction.
- Check the Top and Bottom "Fingers" for any unusual or inconsistent wearing or bending.

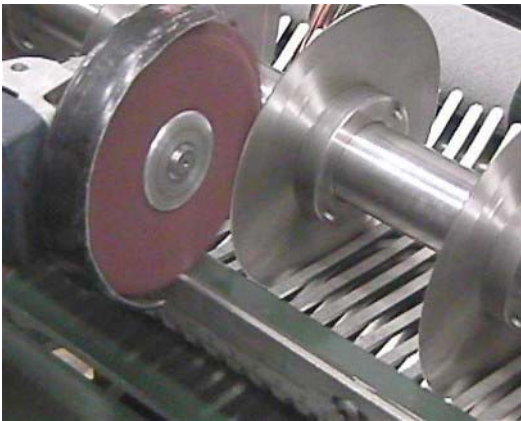
NOTE: In order to maintain your machine's optimum performance and to ensure any potential machine problems are covered under the "E-Z Cut Warranty", the above procedures must be followed and adhered to at all times. Should you be unsure with any of the operating features, call our office directly at 1-800-661-5156.

SHARPENING THE BLADES

Blades must be kept sharp at all times to prevent damage to your machine and to ensure that carpet is cut quickly and cleanly. Your machine is equipped with four Stainless Steel Blades that have a bevel on both sides of each Blade. Therefore, when sharpening the Blades, you will need to sharpen **both sides** of each Blade.

To sharpen the Blades, we recommend that you follow these steps:

1. Remove the Allen bolt from the front of the Blade Cover and raise it to the open position.
2. Turn the machine ON
3. Use an electric or air powered portable hand grinder equipped with a **120 to 220** grit-sanding disc (the finer the grit the better your results). Hold the running grinder at a **15 to 20 degree angle** on one side of the Blade for approximately **5 seconds**. Repeat the same procedure on the other side of the Blade.
4. Turn the machine OFF and inspect the blade for any burrs or nicks. Repeat step 3 if necessary.
5. Repeat steps 2, 3 and 4 for all of the Blades.
6. Lower and re-secure the protective Blade Cover.



NOTE: USE EXTREME CARE AND CAUTION WHEN SHARPENING THE BLADES! ALL NECESSARY SAFETY PRECAUTIONS SHOULD BE TAKEN AND PROTECTIVE WEAR SHOULD BE WORN DURING THE BLADE SHARPENING PROCESS.

WARRANTY

E-Z CUT Inc. guarantees all E-Z CUT machines sold or leased to the original owner or lessee to be free from defects in workmanship and design, under normal operating conditions, for a period of three (3) years from the date of delivery. All electronic, electrical, electro-mechanical, pneumatic, and drive components (excluding Cradle Belts) are covered, under normal operating conditions, for a period of one (1) year from the date of delivery.

This limited warranty shall not apply to any defects resulting from, but not limited to, abuse, lack of maintenance, unauthorized modifications, overloading, power surges, inadequate power supply, or normal wear on parts and components. E-Z CUT Inc. reserves the right to repair or replace, at its own option, any defects found with the machine and/or its components, within the warranty period.

During the warranty period, E-Z CUT Inc. will ship replacement parts via normal ground freight, pre-paid to the owner/lessee. It is the responsibility of the owner/lessee to return all defective materials, freight pre-paid, to E-Z CUT Inc. within 30 days for warranty consideration. Any extra freight costs for special shipping, such as airfreight or expedited shipments, is the responsibility of the owner/lessee.

E-Z CUT Inc.'s liability under this warranty shall be solely limited to the repair and/or replacement of defective materials and shall not be liable, under any circumstances, for consequential or incidental damages, lost income due to downtime, personal injuries, damage to floor covering material, or associated labour costs, without the prior written approval from E-Z CUT Inc.