

Technical Notes

Ecocutter

The Ecocutter Dry Tile Cutting System was introduced two years ago as a portable dry cutting system for tile installers. This system included the Ecocutter, table and stand. Now, Alpha Professional Tools® is offering the Ecocutter as a stand-alone tool for all your dry cutting applications. The Ecocutter (ECC-125) is equipped with a built-in impeller that generates air flow to draw dust back, and deliver it to the dust bag, thus eliminating the harmful dust particles which are common in dry cutting applications. When combined with the proper accessories, the Ecocutter is a great choice for use in the shop or on the jobsite!

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Part No.	Description
ECC-125	Ecocutter - 110V
133544	Dust Bag

How to Use

Attach blade onto the Ecocutter making sure to pay attention to the blade direction.

Adjust cutting depth height.

Plug unit into power supply and reset the in-line circuit breaker.

Make sure all connections (dust bag, dust hose, dust gate and stabilizer) are all securely attached to make accurate cuts and prevent dust from escaping from the system during cutting application

Press power switch and let dust bag inflate for 15 seconds.

Start cutting your tile (DRY)!

When getting close to end of cut, slow down to prevent blowout and large chips breaking off.

Run the Ecocutter 15 seconds after the cut is complete, this will allow the stone dust to clear the tool, fan and hose and reach the bag.

Refer to the owner's manual for proper usage and mounting instructions.

Frequently Asked Questions (FAQs)

What materials can be cut using the Alpha® Ecocutter?

The Alpha® Ecocutter (ECC-125 or ECC-225) choice of blade is the Alpha® Katana. This dry cutting blade is specifically designed to cut porcelain tiles, however; this blade can also cut granite, marble, engineered stone and glazed ceramic tiles.

What blade arbor size is required for use of the Alpha® ECC-125/225?

The arbor size required is 7/8".

What is the RPM of the ECC-125/225?

The RPM of the ECC-125/225 is: 12,000.

What is the largest size blade that the ECC-125/225 will accept?

The ECC-125/225 accepts blades with a maximum diameter of 5".

How much does the Ecocutter weigh?

The ECC-125/225 weighs 26 lbs. with the accessories.

What kind of blades can I use on my ECC-125/225?

The following can be used as dry applications:

- o Concrete Profiling Wheel: CPE445
- o Crack Chasing Wheel: DCC478
- o Eclipse: DEE005, DEE045
- o Hot-Rod (Granite) HR03A+, HT03A+, HQ03A+, HW03A+
- o Hot-Rod (Marble) HM03A+, HS03A+
- o Katana: DPT125, DPT115
- o Libero: DL05S, DL05A+
- o Numero Uno: GM05S, GM05A+
- o Plus: DA05S, DA05A+
- o Sonic: TS05AL, TS05S
- o Tuck Point: TP04AP

What is the maximum thickness material the Alpha® ECC-125 can cut?

The ECC-125 has a maximum cutting depth of 2cm.

Why do you recommend running the tool for 15 seconds prior to cutting the material?

We give this recommended time to allow the dust bag to inflate and fill the tiny micro fibers within the bag so no dust will escape during the cutting application.

When I stop cutting, dust comes out near the blade, why?

Check to make sure the back flow assembly is attached correctly, so it closes once the tool is shut off. Also, the tool should be run for 15 seconds after you cut through the tile to allow the dust on the table to pass through the tool, fan and hose to the dust bag.

What is the warranty for the Ecocutter ECC-125/225?

Alpha® warrants the ECC-125/225 for a period of 180 days from the date of original retail purchase (proof of purchase is required) and it is limited to the repair or replacement of parts without charge.

What can I do to maintain my ECC-125 and keep it running like new?

Unplug the tool, remove the blade and belt covers to check and clean the belts after every 100 hours of use. Stone dust will get inside the covers and onto the belts and pulleys, this can cause the belts to wear and the pulleys to slip. The belts should be replaced when showing signs of wear. A worn or stretched belt will not be able to center itself on the pulleys and can come off or wear a hole in the belt cover.

After every 300 hours of use you should check the carbon brushes.

Replacement of the belts and carbon brushes on a periodic basis is the first step to any type of maintenance. If complications begin to arise during cutting, or if unusual noises occur, check the belts and pulleys. If the unit is working correctly and you still hear the noise, this could be an indication that a bearing is going. If this occurs, then we recommend that you send your tool in for repair. Our Tool Repair Department will disassemble and evaluate the tool, and provide an estimate for your approval, before repairing this tool. The sooner a tool is checked after noticing an abnormal noise, the less likely there will be a significant amount of damage.

If my ECC-125/225 breaks down, whom should I contact for repair?

You can contact the dealer where you purchased the tool or you can send it directly to Alpha® for repair. Visit our website at www.alpha-tools.com or call at 800-648-7229 for more information.

What can I do if my ECC-125/225 breaks down and I need to complete the job immediately?

First check the belts and carbon brushes, if they appear worn out, replace them with genuine Alpha parts and test the ECC-125/225 before attempting to resume cutting. If the problem still persists, contact the Tool Repair Department at Alpha Professional Tools® at 1-800-648-7229 ext 281 to speak to a service technician.

How can I get the parts list and schematic for the ECC-125/225?

Visit our website at www.alpha-tools.com or call at 800-648-7229.

What is the metal attachment that comes with the tool used for?

This item is called the Guide Ruler or TT Ruler Guide. It is designed to enhance the cutting performance of the ECC-125/225 by providing a guide that will work against the straight edge of the stone or a rail of some type clamped to the stone surface for use without the table and stand.

There are two felt strips supplied with my ECC-125/225, what are they used for?

These two felt strips can be attached to the bottom of the base plate to prevent any possible scratching of the material when using the ECC-125/225 without the table and stand. Without these felt strips, the base plate would slide directly on the surface of the material.

Can I reuse my dust bag?

Yes. The dust bag can be emptied and re-used. However; you may need to eventually reorder a new bag.

Helpful Hints

- Make sure the inner belt and outer belt is functioning correctly. These belts drive the pulleys for the fan exhaust that forces the air flow into the dust bag.
- Take care to ensure that the cutting area is clear of debris and no one will be in a position to interfere with the cutting application.
- Before beginning your cut, allow the tool to run for 15 seconds to inflate the dust bag.
- Attach side handle for better stability during cutting applications.
- Have an extra set of belts (inner and outer) on hand.
- When using the Ecocutter with the Alpha® Ecocutter Table and Stand, refer to the Dry Tile Cutting System Instruction Manual for proper setup and usage.
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Reference

For more product information, visit us on the web at www.alpha-tools.com.