

Technical Notes

Dry Tile Cutting System

Once again, Alpha® has set a new standard by introducing a dry tile cutting system for the tile installer which is virtually dust-free! Using this new Ecocutter system with the included Alpha® Katana blade, you can cut most tiles clean and fast, including porcelain, without water, thus eliminating messy clean up. The lightweight cutting table and stand are included, allowing the installer to easily carry and store in a truck. The table is designed to hold 1/2" thick tile and can cut a diagonal on 20"x 20" tile or smaller. Designed with the tile contractor in mind, the Ecocutter is the ultimate dry cutting system! Kit Includes: Ecocutter, Stand, Table, 5" Katana Blade and Basic Instructional DVD

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Part No.	Description
ECC-KIT	Dry Tile Cutting System
133544	Dust Bag
ECC-STAND	Dry Tile Cutting System Stand
ECC-TABLE	Dry Tile Cutting System Table

How to Use

Assemble your Dry Tile Cutting System (Table, Stand & Ecocutter) following the instruction manual.

Attach the Alpha® Katana 5" blade on to the Ecocutter making sure to pay attention to the blade direction.

Adjust cutting depth height so the blade only scores the rubber mat on the table.

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® Dry Tile Cutting System?

The Alpha® Dry Tile Cutting System 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 other blades can I use on the Dry Tile Cutting System?

We recommend using our Alpha® Libero 5" blade for cutting marble tile. The Alpha® Libero blade utilizes electroplated diamonds which are designed to cut only soft material. The electroplated diamonds assures smooth clean cuts without chipping or cracking the material.

What is the maximum thickness material which I can cut using the Alpha® Dry Tile Cutting System?

The maximum thickness tile this system could cut is: 14mm.

What is the largest size tile which you can make a diagonal cut?

A 20" x 20" tile is the maximum size on which you can make a diagonal cut.

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 except?

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

What is the cutting depth of the Ecocutter for use on the Dry Tile Cutting System?

The maximum thickness of the rubber mat is 3.5mm before the blade would make contact with the aluminum table. When adjusting the cutting depth, you should only score the rubber mat; do not cut through the rubber mat.

What is the maximum thickness material the Alpha® ECC-125 can cut when used by itself, not attached to the table?

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

If I accidentally cut through my rubber mat, should I replace this mat?

Yes. The rubber mat acts as a vacuum seal during the cutting application not allowing the dust to escape.

What is the weight of the Alpha® Dry Tile Cutting System?

66 lbs (Table)
29 lbs (Stand)
26 lbs (ECC-125 & Accessories)

Can I use the ECC-125 by itself?

Yes. The ECC-125 can be used independently as a regular dry stone cutter with the dust bag attached. This ECC-125 is ideal for grout removal, concrete crack repairs and concrete decorative wheels. Since the Alpha® ECC-125 is equipped with a side handle and TT Ruler guide to make the job easier.

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.

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.

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.

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

The following can be used as dry applications only.

WITH Ecocutter Table and Stand:

- o Eclipse: DEE005, DEE045
- o Katana: DPT125, DPT115
- o Libero: DL05S, DL05A+
- o Numero Uno: GM05S, GM05A+
- o Plus: DA05S, DA05A+
- o Sonic: TS05AL, TS05S

WITHOUT Ecocutter Table and Stand:

- 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 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.

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 800-648-7229 ext 281 to speak to a service technician.

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

- Carry the table by the handle only. Do Not carry by the rails. Attempting to carry the table by the rails will damage or bend the rails.

- Make sure the ECC-125 is connected to the “stabilizer” when assembled to the table. The stabilizer will assure the Ecocutter will make consistent 90 degree cuts.
- 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.
- When transporting your table between jobs, don't place items on top of the rails as it may damage the rails.
- The ECC-125/225 (Ecocutter), dust bag & hose can be used stand-alone for grout removal, concrete profiling, etc.
- Have an extra set of belts (inner and outer) on hand.
- Refer to the Alpha® Ecocutter Dry Tile Cutting System Instruction Manual for proper setup and usage.
- Read and follow the instructions in the operating manual thoroughly.

Reference

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