

Technical Notes

Ecogrinder Caddy

The Alpha® Ecogrinder Caddy allows the operator to stand and not have to work on their knees when grinding and sanding concrete, terrazzo and masonry products or doing surface preparation work. The height adjustment mechanism allows the caddy to be adjusted to accommodate individual users. A halogen light shines above the grinding area to show scratches in dark areas. This light can be turned on/off independently. The unit is available for the Ecogrinder ECG-125 (110v). Attach the Alpha® Dust Bag Carriage directly to the Ecogrinder and utilize the Ecogrinder's built-in vacuum system, making the operation simple, easy and virtually dust-free! For a complete floor polishing system, combine the Alpha® Ecogrinder, Caddy, Dust Bag Carriage and polishing tools. Installation is simple, using only an adjustable wrench to complete.

ONLY SOLD AS A KIT.

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Part No.
ECGKIT125

Description
Ecogrinder/Caddy/Carriage Kit 110V

How to Use

EcoCaddy is shipped completely assembled with the Alpha® Ecogrinder (ECG-125) already attached.

Make sure all connections (dust bag, dust hose, dust gate) are all securely attached to prevent dust from escaping from the system during the grinding application.

Press and hold the trigger switch of the grinder (ECG-125) and push in the lock button.

Press the "Emergency Stop" button on the Ecocaddy and make sure the ON/OFF switch is turned in the OFF position.

Plug the power cord of the Ecogrinder (ECG-125) into the receptacle of the switch box located on the Ecocaddy.

Plug the power cord of the Ecocaddy unit into the power supply and reset the in-line circuit breaker on the ECG-125 grinder.

Pull up the "Emergency Stop" button.

Raise the grinder off the floor and turn the ON/OFF switch to the ON position to let the dust bag inflate for 15 seconds.

Lightly press down on the handle and start the grinding process.

When the grinding process is complete, slightly raise and run the Ecogrinder for an additional 15 seconds. This will allow the dust to clear the tool, fan and hose reaching to the dust bag.

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

http://www.alpha-tools.com/Files/Manuals/PDFs/Ecocaddy_manual.pdf

http://www.alpha-tools.com/Files/Manuals/PDFs/ECG-125_manual.pdf

Frequently Asked Questions (FAQs)

Can I attach another manufacturer's grinder onto the Alpha® Ecocaddy?

No. The Alpha® Ecocaddy is specifically designed for use with the Alpha® Ecogrinder (ECG-125) only.

Can I purchase the Alpha® Ecocaddy and assemble the unit myself?

No. The Ecocaddy is shipped pre-assembled with the Alpha® Ecogrinder attached to assure that the unit is level and ready for use out of the box.

What is the total weight of the Alpha® Ecocaddy with the ECG-125 attached?

53 pounds

What is the minimum and maximum height which the Handle Assembly can be raised and lowered?

Handle Assembly height can be adjusted between 29 to 43 inches for comfort of the operator.

What are the dimensions of the Alpha® Ecocaddy?

Length = 28", Width = 15-1/4", Height (Maximum) = 43"

Which side should I stand on when operating the Alpha® Ecocaddy?

You can stand on either side, however; the operator will have more room to maneuver standing on the side opposite the dust hose.

When operating the Alpha® Ecocaddy, what is the correct method of moving the unit over the surface?

While holding the Handle Assembly with both hands on the front and back of the handle assembly, move the Ecocaddy slowly by pushing the unit away from your body and pulling the unit back towards your body.

What is the length of the power cord on the Ecocaddy?

The power cord is 18 ft in length.

What is the part number of the replacement dust bag for the Alpha® Dust Bag Carriage?

Part Number of the dust bag is 801392.

What is the length of the dust hose?

The dust hose is 6 ft in length.

What materials can the Alpha® ECG-125 be used on?

The Alpha® Ecogrinder (ECG-125) can be used to grind natural stone, concrete and masonry materials.

What is the arbor size of the Alpha® ECG-125?

The Alpha® Ecogrinder comes with a floating system (Square Arbor Design), with a spring, which has a softer touch. Basically, the wheel is free to be pushed downward by a heavy coil to make contact between the surface and the wheel. It is important to note that you need a special grinding wheel for this method, which is included with the purchase of the ECG-125. This wheel is a 5" Segmented Grinding Wheel (Part No. DSQ0500) which has a square arbor.

What types of grinding wheels does Alpha® offer for use with the ECG-125?

Alpha® offers two types of grinding wheels for use with the ECG-125. Our 5" Segmented Grinding Wheel (Part No. DSQ0500) which is recommended for concrete surface preparation and our 5" Spike Wheel (Part No. VCS503Q) which is recommended for mastic removal.

Can I use a 5" Grinding Wheel with a 7/8" arbor on the ECG-125?

Yes. We offer a Manual Height Adjustment Flange Assembly (Part No. 890001) that allows you to manually adjust the height when necessary. It is sold separately. With this, you can use any conventional grinding wheel with a 7/8" arbor.

What is the RPM of the ECG-125?

The RPM of the ECG-125 is: 8,700.

What is the largest size grinding wheel that the ECG-125 will accept?

The ECG-125 is designed to only be used with 5" diameter wheels.

How much does the ECG-125 weigh?

The ECG-125 weighs 12.70 lbs.

Why do you recommend running the ECG-125 for 15 seconds prior to starting the grinding application?

This recommended time is to allow the dust bag to inflate and fill the tiny micro fibers within the bag so no dust will escape during the grinding application.

When I stop grinding, dust comes out near the grinding wheel, 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 run for 15 seconds after you complete grinding the floor to allow the dust to pass through the tool, fan and hose to reach the dust bag.

What is the warranty for the ECG-125?

Alpha® warrants the ECG-125 against defects in material and workmanship for a period of one year from the date of original retail purchase (proof of purchase required). If Alpha Professional Tools® receives notice of such defects during the warranty period, our obligation assumed under this warranty is limited to the repair or replacement of parts, without charge. This warranty does not apply to Alpha® accessories. *Applies to tools sold after January 1, 2016 within the USA only.

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

Unplug the tool, remove the grinding wheel and belt covers to check and clean the belts after every 100 hours of use. Concrete dust may 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 the grinding application, 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 worn. If this occurs, then we recommend that you send your tool in for repair.

If my ECG-125 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 ext. 505 for more information.

How can I get the parts list and schematic for the ECG-125?

Visit our website at www.alpha-tools.com or call at 800-648-7229 ext.505.

Do you have videos of the ECG-125 in action?

Yes. You can view videos of the ECG-125 in various applications on the product home page on our website.

Can I use the Alpha® ECG-125 to polish around the baseboards of concrete floors?

Yes. The Alpha® offers Concrete Polishing Wheels (7-STEP) which are recommended to polish concrete floors along the baseboards. You will need to purchase the Variable Drive Hub "Square" arbor (Part No. VDSHUBQ) for securing the concrete polishing wheels onto ECG-125.

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 (Part No. 133544).

What is the length of the power cord on the Ecocaddy?

10 ft

Helpful Hints

- Prior to starting your grinding, allow the tool to run for 15 seconds to inflate the dust bag.
- Allow the tool to run for 15 seconds after you complete grinding the floor to allow the dust to pass through the tool, fan and hose to the dust bag.
- When using the 7-Step Concrete Polishing Wheels, you must purchase the Variable Drive Hub "Square" Adapter (Part No. VDSHUBQ) for attaching the concrete polishing wheels onto the ECG-125.

Reference

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

Product Page: <http://www.alpha-tools.com/Product.aspx?PageCode=1690>