

Dust Director

Electric Dustless Cut-Off Guards



12" Dust Director
12" Blade for 4-1/4" Depth-of-Cut



Horizontal Wall Cutting Position
Arrow shows Blade Visibility Window

12" Dust Director®, Blade Installation, Handling & Cutting Techniques

SAFE USE WARNING - BUYER ALTERATION to MANUFACTURER ANGLE GRINDER. The Dust Director™ is a suitable and safe alteration for use on an angle grinder product within the blade capacities of the angle grinder. However, upon the Buyer or User's installation and/or attachment of the Dust Director™ to the angle grinder, notification is hereby given that such a modification may void the manufacturer's warranty on the angle grinder. Additionally, the Buyer and/or User are also notified that while using the modified user-assembled product they will be doing so at their own risk and that Seller (and all parties associated with the Dust Director™ including but not limited to the inventor or manufacturers) and the manufacturer of the angle grinder shall not be liable for any injury, loss or damage, direct or consequential, arising from the use of, or inability to use the user-assembled product. For additional information on this safety notification, please see the **LIMITED WARRANTY / LIABILITY** section below.

- 1. LOOP HANDLE INSTALLATION** (picture below, left). The loop handle provides safety and comfort in handling. When installed, the large open-end of the Loop Handle is positioned on the side opposite the barrel of the Dust Director™ or opposite the Directional Arrow on the Angle Grinder's Head. Two (2) Hex Bolts and one (1) 5/8" Lock Washer are enclosed. The Lock Washer is installed to one of the Hex Bolts, then both Hex Bolts are inserted through the loop handles' bolt holes and fasten securely into the side bolt holes on the angle grinder.
- 2. GUARD POSITIONING / HANDLING THE DUST DIRECTOR™.** Installation of the Dust Director™ and its adjustment on the angle grinder is accomplished by loosening the four (4) hex cap screws on the collar of the Dust Director™. Once positioned to your preference on the angle grinder, tighten the four (4) screws securely into the bore of the angle grinder's head.



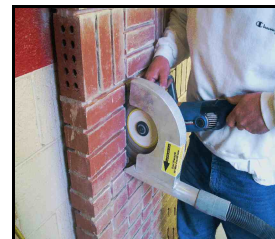
Loop Handle Installation



HORIZONTAL WALL CUTTING POSITION
Arrow Shows Blade Visibility Window



Horizontal Cutting Position



VERTICAL WALL CUTTING POSITION



STANDARD CUT-OFF Cutting POSITION

2. CUTTING WITH THE DUST DIRECTOR. Your initial cut into the work surface needs to be on a 45° angle. Ease the Dust Director into the material to be cut on a 45° angle. The shoe of the Dust Director must touch the work surface. Always keep the barrel's shoe within a 1/4" of the work surface. **IMPORTANT:** Only cut in the direction of the Yellow "Arrow" Sticker on the Dust Director™ or "towards the vacuum barrel" on the Dust Director™. Cutting in the opposite direction will result in unsatisfactory dustless cutting.



OPERATING, INSTALLATION, SAFETY / WARNING INSTRUCTIONS, WARRANTY

Please visit the *Dust Director* Web Site for More & Exciting New Products for Concrete & Masonry Restoration: www.dustdirector.com

Dear Customer: Many thanks for the confidence you have shown in us with the purchase of our DUST DIRECTOR™. Many years of working with contractors on their construction sites: understanding their needs, requirements and health concerns went into the design of this product. When used with a Dust Director Vacuum - specific for vacuuming silica dust - the DUST DIRECTOR™ promotes a cleaner, healthier and more productive construction site.

OPERATING / SAFETY INSTRUCTIONS. Buyer acknowledges receipt of these Operating & Safety / Warning Instructions for Use of the Product and agrees to strictly comply with such instructions.

PRODUCT USE / DESIGN APPLICATION. Cutting through masonry, concrete and stone material where containment of airborne dust is critical. Product is only for use by a licensed contractor who understands these instructions, as well as being thoroughly trained and experienced in the use and operation of electric angle grinders when cutting through the stated materials. Buyer acknowledges receipt of these Operating & Safety / Warning Instructions for Use of the Product and agrees to strictly comply with such instructions. Buyer is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application.

LIMITED WARRANTY / LIABILITY. Distributed by Industrial Contractors Supplies. As per Buyer's request, Seller (and hereby including all parties associated with the naming rights, manufacturing and marketing of the Dust Director™ including Industrial Contractors Supplies), has provided the Dust Director™ for use on an angle grinder for Buyer's personal use and application. Upon the Buyer's personal installation and/or attachment of the Dust Director™ to the angle grinder, Buyer acknowledges that Buyer has requested and performed a modification to the angle grinder product. Upon that modification, Buyer is hereby informed that both Seller and manufacturer of the angle grinder do not provide any warranties whatsoever and Buyer agrees to use the modified user-assembled product at Buyer's own risk.

Seller warrants it has title to the product delivered and may properly sell the same to Buyer and that such product will conform for use as intended and as described. SELLER MAKES NO OTHER WARRANTY OR REPRESENTATION, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT OR ITS MERCHANTABILITY, FITNESS THEREOF FOR ANY PURPOSE, OR ITS NON-INFRINGEMENTS. Seller shall not be liable for special, indirect, consequential or punitive damages of any kind under this Agreement or otherwise, whether or not caused by its negligence, and assumes no risk whatsoever as to the result of the use of Product either singly or in combination with other material. Buyer represents that it is familiar with the characteristics of Product and assumes all responsibility and liability for and will indemnify and hold Seller harmless from any and all loss or injury to persons or property arising out of handling, use or possession of Product delivered to it including any Negligence and/or Gross Negligence - Intentional Conduct allegations. IN THE EVENT THAT THIS DISCLAIMER OF LIABILITY IS HELD BY A COURT OF COMPETENT JURISDICTION NOT TO APPLY TO BUYER, SELLER'S MAXIMUM LIABILITY TO BUYER ON ANY CLAIM IN ANY WAY CONNECTED WITH THE SALE OR USE OF ANY OF THE PRODUCTS, WHETHER LIABILITY ARISES IN CONTRACT, FROM BREACH OF WARRANTY, IN TORT OR OTHERWISE, SHALL BE LIMITED TO THE PRODUCT'S INVOICE PRICE.

CLAIMS. Any claims by Buyer must be received by Seller in writing within 20 days of the date of delivery or non-delivery. Failure to deliver notice of claim to Seller within such 20 day period will constitute a waiver Buyer of all claims in respect of such delivery or non-delivery.

MAXIMUM BLADE CUTTING DEPTH				
Blade Diameter	Depth-of-Cut		Blade Diameter	Depth-of-Cut
7"	2"		10"	3-1/4"
8"	2-1/2"		12"	4-1/4"
9"	3"			

IMPORTANT SAFETY NOTES:

- FINGERS and HANDS MUST BE KEPT AWAY from BOTH CUTTING "EDGES" of the DIAMOND BLADE
- STAY ALERT, WATCH WHAT YOU ARE DOING, AND USE COMMON SENSE WHEN OPERATING THE DUST DIRECTOR™
- A moment of inattention while operating the may result in serious personal injury
- DO NOT TOUCH THE "HOUSING" OF THE DUST DIRECTOR™
- Do not force the tool when cutting
- Use the right diamond blade for the application. For detailed information on using the right diamond blade with the Dust Director, see below: USE THE CORRECT DIAMOND BLADE.
- Please read and understand the information contained in these Operating Instructions.

CAUTION. Before any use, be sure that everyone using the Dust Director reads and understands all the Operating and Safety instructions and all other information contained in this manual. **SAVE THESE INSTRUCTIONS AND REVIEW THEM PRIOR TO EACH USE AND INSTRUCTION TO OTHERS.** Do not attempt to install, start or operate the Dust Director until all the instructions have been read and understood by the operator.

Failure to do so could result in personal injury and/or property damage. No person should attempt to operate the Dust Director™ without first being trained in the operation of industrial cutting tools. These instructions are not intended as a substitute for training and experience. Any user of the Dust Director™ should be thoroughly familiar with safety rules and regulations of portable grinders and diamond blades before use of this tool.

There Is a Risk Assumed by Individuals Who Use the Dust Director. To Minimize Risk You must Follow These Rules:

1. **INSPECT EQUIPMENT DAILY.** Tighten all loose connections and replace worn parts immediately. Failure to do so may result in serious injury.
2. When using the Dust Director, exercise care to avoid injury. Perform your “cutting” at a smooth, moderate pace: never perform jerky or uncoordinated movements that may cause injury.
3. **KEEP HANDS, FINGERS AND ALL BODY PARTS AWAY FROM BOTH CUTTING “EDGES”.** DO NOT TOUCH THE Dust Director’s “HOUSING” while the **BLADE IS MOVING.** The spinning blade is extremely dangerous. It is your responsibility to observe all safeguards when using the Dust Director. A moment of inattention while operating the Dust Director may result in serious personal injury.
4. **LEATHER WORK GLOVES REQUIRED.** Hands become “sweaty”, leather work gloves help prevent your hands from accidental slippage into the spinning blade.
5. If unsure of the proper use of the Dust Director, call your local *Dust Director* distributor or ICS, Inc.

The Operator must Observe Safeguards That Include but Are Not Limited to the Following:

1. Under no circumstances may the Dust Director be modified from its original design, with out the permission of Dustless, Inc. in writing. Non-authorized modifications can lead to serious injury or death to yourself or others.
2. **CAUTION: KEEP YOUR HAND AND FINGERS AWAY FROM THE Dust Director’s “HOUSING”.** SERIOUS BODILY INJURY WILL RESULT SHOULD THE EXPOSED BLADE CONTACT / CUT YOU.
3. **BEFORE CUTTING,** always inspect areas for wires, cords, glass or other foreign objects which could come in contact with the blade.
4. **KEEP CHILDREN AWAY.** All visitors should be kept at a safe distance from work area.
5. Never use diamond blades that exceed the grinder’s maximum blade diameter rating. Never use diamond blades marked less than 6,000 RPM.
6. Never service the Dust Director or change blades without first disconnecting the electrical power to the angle grinder.
7. Always inspect the installed blade for damage before use - Make sure the Dust Director and its blade are not damaged.
8. Always check to be sure that the Dust Director is fitted securely onto the angle grinder properly before each use.
9. Caution: Diamond Blade segments may break away from the blade itself
10. **ALWAYS WEAR SAFETY GLASSES, FULL-FACE SHIELDS, SAFETY SHOES, LEATHER WORK GLOVES, HEARING PROTECTION.**
11. **DRESS PROPERLY** - Do not wear loose clothing or jewelry. They can be caught in moving parts.
12. Select the proper blade for the material being cut. Be sure that the blade and equipment arrows are facing in the same “direction”.
13. Be sure that the diamond blade is correctly mounted and turns without wobbling. Never cut material for which the blade is not designed.

DIAMOND BLADE INSTALLATION. Before installing or changing a diamond blade, always remove the plug from the electrical supply outlet, check that the angle grinder is turned “off”, and that the spindle has come to a halt. Follow angle grinder’s manufacturing directions for installing and changing blades.

PROPER CUTTING TECHNIQUE | HOLDING | USING | THE DUST DIRECTOR™. Hold the angle grinder towards the “back-end” of the grinder’s body with your hand while your other hand holds the Dust Director™ by its loop handle.

CUTTING WITH THE DUST DIRECTOR™ (4 Steps).

1) Turn angle grinder and vacuum “on”. On a 45 degree angle, ease the Dust Director™ into the material being cut with the base of the Dust Director’s barrel touching the work surface. Always keep the barrel’s “bas” shoe in close contact with the work surface. See Picture, Right.



2) **USE THE CORRECT DIAMOND BLADE.** The “right” blade for the material being cut will enable you to completely “sink” the blade into the material. If you find yourself making multiple passes in order to obtain proper depth or width - you are using the wrong blade! Fine dustless cutting is made with (1) pass of the blade. Contact ICS for help in selecting the right blade. 3/8” & 1/2” wide blades are available at ICS. Additionally, if you are experiencing a “bouncing” blade or insufficient blade life, contact ICS for help in selecting the right blade for the material being cut. Beware of blade “kickback”. Allow the blade to cut freely and do not force the blade to cut - there is no need too. Once again, contact ICS for help in selecting the right blade for your application.

EXTRA-WIDE JOINT CUTTING: When cutting joints over 1/2” wide, multiple passes will have to be made. Effective dust free cutting will be obtained when your second cut is 3/8” - 1/2” deeper than your first cut.

3) **IMPORTANT: ONLY CUT “TOWARDS THE BARREL”** of the DUST DIRECTOR. When the desired depth is achieved slowly move the angle grinder “TOWARDS” the BARREL of the DUST DIRECTOR. Notice the directional “Arrow” on the Yellow Sticker. You are to ALWAYS cut INTO THE MATERIAL you are cutting. This is the only direction acceptable for dustless cutting. Cutting away from the “barrel” will result in unsatisfactory dustless cutting. Refer to the above Step 2 for using the right blade for the application. See Picture, Right.



4) Guide the Dust Director by observing progress through the face plate on the Dust Director. **IMPORTANT: ALWAYS WEAR EYE AND LEATHER HAND PROTECTION WHEN USING THE DUST DIRECTOR.**