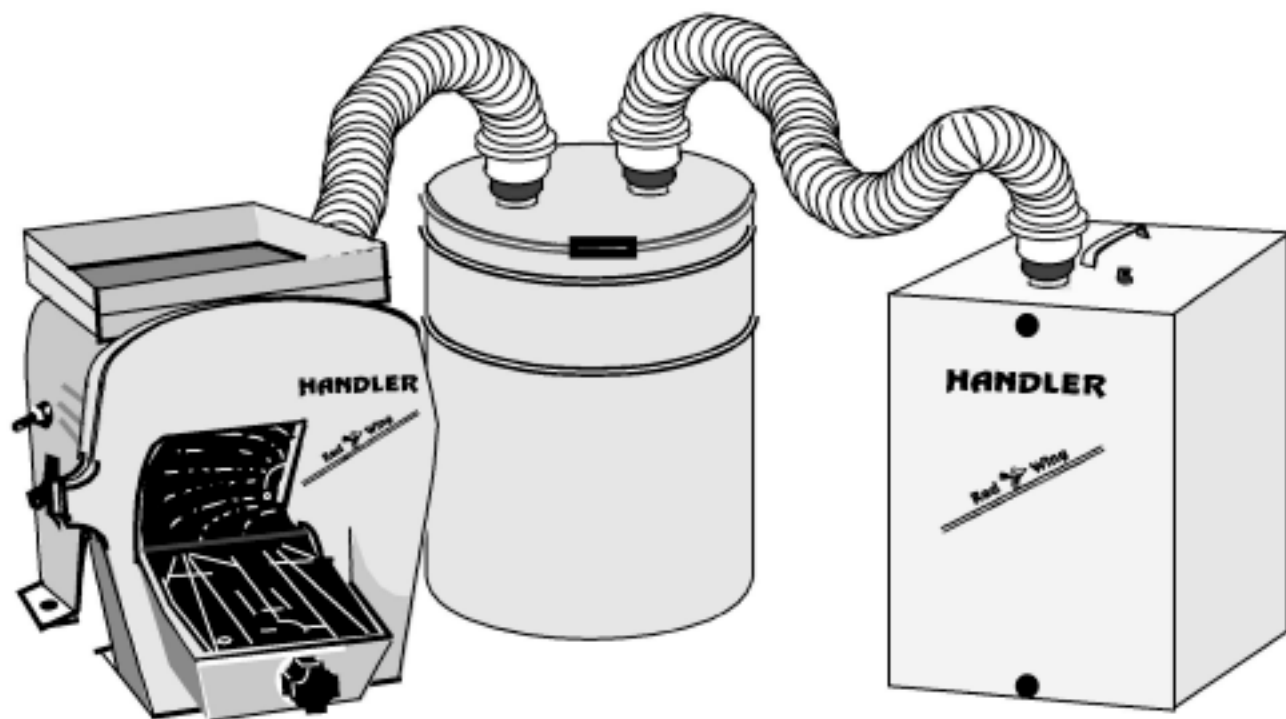


# HANDLER



## 31 DTS DRY TRIMMING SYSTEM

**IMPORTANT INSTRUCTIONS  
DO NOT DISCARD**



**HANDLER**   
MANUFACTURING CO., INC.

*Over Eighty Years of Quality Manufacturing and Service...*

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## **INSPECTION**

Thank you for purchasing the Handler Dry Model Trimmer system. The dry model trimmer system will come in three packages. Unpack your dry model trimmer boxes.

**IMPORTANT: INSPECT ALL ITEMS FOR DAMAGE BEFORE PROCEEDING. SHOULD DAMAGE HAVE OCCURRED IN TRANSIT, CONTACT THE FREIGHT FORWARDER IMMEDIATELY. NOTE ON THE SHIPPING RECEIPT ANY VISIBLE DAMAGE TO THE CONTAINERS. DO NOT CONTACT HANDLER MFG, AS DAMAGE MUST BE CLAIMED BY THE RECEIVER OF THE MERCHANDISE - NOT THE SHIPPER.**

After inspection make certain the following components and accessories are packaged with the system.

### **MODEL TRIMMER BOX**

1. ....One Model Trimmer with a coated abrasive disc. For proper performance, the machine must be fitted with a coated abrasive disc. A stone wheel or diamond wheel may inhibit suction performance.
2. ....One blue resin model tray.
3. ....One clear bag containing model trimmer tray, a set of two wrenches and instructions.

### **CYCLONE TYPE CANISTER BOX**

1. ....One 5 gallon cyclone type canister complete with cartridge filter.
2. ....One adaptor for fitting the hose onto the trimmer cyclone.
3. ....One clamp.

### **62-II DUST COLLECTOR BOX**

1. ....One 62-II dust collector with disposable filter installed.
2. ....One adaptor to fit onto the inlet of the dust collector.
3. ....One four foot 2" diameter section of hose to run from the dust collector to the cyclone.

**DO NOT PLUG EITHER UNIT INTO AN OUTLET UNTIL ALL COMPONENTS ARE INSPECTED AND PROPERLY HOOKED UP ACCORDING TO INSTRUCTIONS. EACH PLUG SHOULD HAVE ITS OWN DEDICATED OUTLET WITH NO EXTENSION CORDS OR POWER STRIPS. CONNECT ALL UNITS TO A GROUNDED ELECTRICAL OUTLET ONLY**

## SET UP

1. Place the model trimmer in a suitable bench location. Attach the exhaust hose to the exhaust outlet on the lower rear of the housing of the model trimmer (under the motor base) using the adapter.
2. Make certain the front door of the model trimmer housing is securely closed by checking the black door knob tightener.
3. Attaching the model trimmer tray to the front of the unit: Unscrew the black knob inside the front of the unit. Place the tray in the existing slots on the front of the housing, so that the tray rests evenly in the opening approximately 1/8" to 1/4" away from the wheel. Screw in the black knob and tighten until the tray is secure in the desired position.
4. Place your cyclone type canister and 62-II dust collector under the bench below the model trimmer.
5. Attach the other end of the model trimmer hose to the opening of the cyclone type canister marked "INLET."
6. Attach the dust collector hose to the dust collector inlet on one end using the proper adapter. Then attach the other end of the hose to the cyclone type canister opening marked "OUTLET."
7. Make certain that all hose connections are secure and free from any constrictions or "kinks." If the hoses are not properly attached the air cannot flow freely, and performance may be diminished.
8. Secure the model trimmer to the bench. Bolt the model trimmer to the bench top using the appropriate bolts and nuts. **DO NOT ATTEMPT TO USE A MODEL TRIMMER WHICH HAS NOT BEEN BOLTED TO THE TABLE TOP AS INJURY MAY OCCUR.**
9. Connect the electric plug from the model trimmer and the dust collector into separate 115Volt/60Hz GROUNDING THREE PRONG AC OUTLETS ONLY.
10. Turn on the dust collector, and make certain the variable speed knob is set to full power.
11. Turn on the model trimmer to begin trimming operations. **NOTE: Models must be completely dry or gypsum will cling to the wheel.**
12. **PLEASE NOTE** that both units must be on and fully operational for the dry model trimmer system to function and perform properly. Exact maintenance must be followed for optimal performance.

## MAINTAINING YOUR DRY MODEL TRIMMER SYSTEM

UNPLUG ALL COMPONENTS PRIOR TO PERFORMING ANY MAINTENANCE OR OTHER ACTIVITY OUTSIDE NORMAL OPERATIONS.

1. Plaster or stone debris may settle in the exhaust opening in the base of the model trimmer. Therefore, it is recommended that the unit be cleaned of any debris on a regular basis. Unscrew the knob that secures the door. Open the door, and be careful not to damage the exhaust hose when opening the door. Remove the exhaust hose and clean the area of all debris that may have settled in the opening, and in the base of the model trimmer. Replace the hose and tightly secure the door prior to operating the system again. You may use the suction of the dust collector to clean this area.
2. The abrasive disc on the model trimmer should be replaced when the surface "grit" has worn down. PLEASE NOTE that all electrical connections must be disconnected prior to any maintenance. To replace the coated abrasive disc open the front door of the model trimmer to expose the abrasive disc and wheel. Unscrew the brass hub nut and washer, using the wrenches provided with your unit to remove the entire wheel. Remove the worn abrasive disc by peeling the abrasive disc off the resin back up plate. Discard it in the normal trash. Clean the back up plate of dust and debris. Remove the backing on a new abrasive disc. Center the disc over the wheel and press firmly into the wheel. Replace the wheel and tighten the brass hub nut and washer with the wrenches provided. Make certain the brass hub is securely tightened and checked prior to operation. EXTRA ABRASIVE DISCS CAN BE PURCHASED BY CONTACTING HANDLER AT 1-800-274-2635. THE PART NUMBER FOR A 10" MODEL TRIMMER IS 31D, AND THE PART NUMBER FOR A 12" MODEL TRIMMER IS 32D. COATED ABRASIVE DISCS ARE SOLD IN A SET OF SIX IN THE 10" DIAMETER AND FOUR IN THE 12" DIAMETER.
3. Check the cyclone type canister daily under heavy use of the dry trimmer, and less often under light use. Remove the INLET and OULTET hoses from the top of the canister. Remove the top of the canister by releasing the latch on the rim seal, and unsnapping the catch. USE CAUTION when lifting the canister top from the body, so as not to spread dusts into the surrounding air. Gently unscrew the wing nut from the bottom of the cartridge filter. Place aside the nut and washer. Gently tap the cartridge filter on the inside of the canister, or take the filter outside and tap the filter into an appropriate refuse container. You may also wish to blow the dust form the cartridge filter with an air gun, from the inside being careful to use no more than 20 - 30 PSI. Note: built up dusts and debris on the filter surface will reduce the efficiency of the filter and the entire system.

Empty the contents of the canister into an appropriate refuse container. Replace the dust canister into its location and replace the top of the canister. Press the canister top "down" onto the canister securely. Replace the latch into the close position, making certain the circular top seal is properly seated on the top of the canister body.

Replace the INLET and OUTLET hoses into their respective locations, making certain they are replaced tightly into the canister top. Your cyclone type dust collection system is now ready for use.

After several cleanings, the pores of the cartridge filter will become filled with dusts. EXTRA CARTRIDGE FILTERS (part #CYC-DF) CAN BE PURCHASED BY CONTACTING HANDLER AT 1-800-274-2635 OR AT THE ADDRESS BELOW OR YOUR REGULAR DISTRIBUTOR.

4. Check the 62-II dust collector filter bag daily (or more frequently depending upon use). Make certain the unit is unplugged prior to any maintenance. Open the front door of the dust collector by unscrewing the two black thumb screws on the front door. Check the filter bag in the cavity. Replace the bag if necessary by gently pulling down so as not to cause dust to spread into the air. Dispose of the bag in the normal trash. Replace the disposable filter bag by inserting the opening in the top filter seal over the metal flange at the top of the unit where the old bag was removed. Make certain the rubber gasket and cardboard fit snugly and securely cover the inside flange to ensure a proper seal, pushing it upward into the unit top. Replace the front door and screw in the two black thumb screws. EXTRA DISPOSABLE FILTER BAGS (PART #62-IIDF, SET OF SIX) CAN BE PURCHASED BY CONTACTING HANDLER AT 1-800-274-2635 OR AT THE ADDRESS BELOW OR YOUR REGULAR DISTRIBUTOR.

**FAX OR E-MAIL TODAY FOR A**

**FREE  
CATALOGUE**

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PLEASE SEND ME MORE INFORMATION ON HANDLER PRODUCTS TO:

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ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

COMMENTS \_\_\_\_\_

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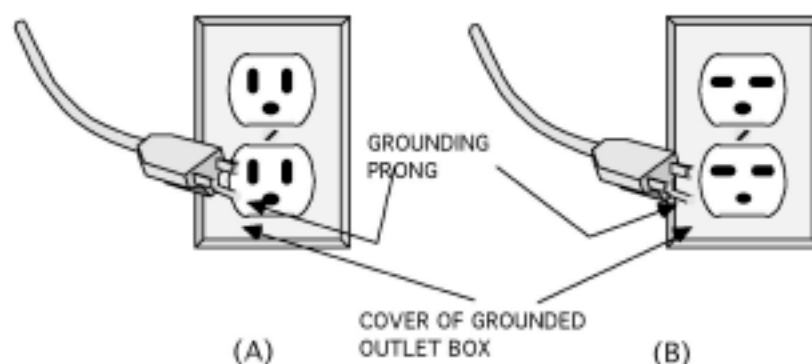


# SAFETY INSTRUCTIONS

## I. GROUNDING INSTRUCTIONS

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug that looks like that shown in sketch (A) in Figure 1. If it is for use on 150 to 250 volts, it has a plug that looks like that shown in sketch (B). Use of an extension cords or a 2 prong adapter is not recommended.

FIGURE 1  
GROUNDING METHODS



## TOOL SAFETY INSTRUCTIONS

### 1. Keep Work Area Clean

Cluttered areas and benches invite accidents.

### 2. Avoid Dangerous Equipment

Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.

### 3. Keep Children Away

All visitors should be kept safe distance from work area and appliance.

### 4. Store Idle Tools

When not in use, tools should be stored in dry, high, and locked location out of the reach of children.

### 5. Don't Force Tool

It will do the job better and be safe at the rate for which it was designed.

### 6. Use Right Tool

Don't force small tool or attachment to do the job of a heavy-duty tool.

### 7. Wear Proper Apparel

Do not wear loose clothing or jewelry which may get caught in moving parts. Tie back long hair or use a proper hair net.

### 8. Use Safety Glasses

Use safety glasses with all rotating tools. Also use a face or dust mask if cutting operation is dusty.

### 9. Don't Abuse Cord

Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.

### 10. Secure Work

Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

### 11. Don't Overreach

Keep proper footing and balance at all times.

### 12. Maintain Tools with Care

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

### 13. Disconnect Tools

When not in use; before servicing; when changing accessories such as blades, bits, cutters, etc.

### 14. Avoid Accidental Starting

Be sure switch is OFF when plugging in.