

# HANDLER

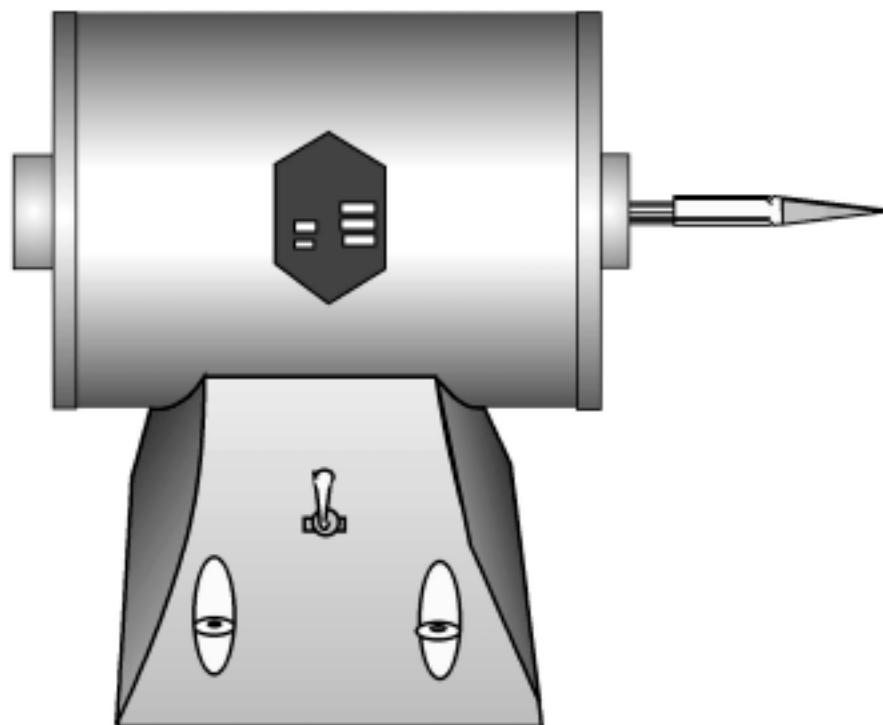


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## #30 - 30A RED WING MOTOR

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**IMPORTANT INSTRUCTIONS  
DO NOT DISCARD**



017-0099

**HANDLER**   
MANUFACTURING CO., INC.

**OVER EIGHTY YEARS OF QUALITY MANUFACTURING AND SERVICE...**

612 NORTH AVENUE EAST, WESTFIELD, N.J. 07090

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# **HANDLER**

**MANUFACTURING COMPANY, INC.**

## **INSTRUCTIONS FOR USE & CARE OF A HANDLER No. 30 & 30A POLISHING MOTORS**

Thank you for purchasing a Red Wing Polishing Motor. Your Red Wing Motor has been inspected during our manufacturing process prior to being shipped. Open the package and inspect its contents. Should damage have occurred in shipment, contact the freight forwarder, immediately. DO NOT contact Handler, as the receiver of a product MUST file a claim within 14 days of receiving a product. Failure to file a claim in a timely manner will result in the loss of your rights to claim possible damage. Should you require assistance, please contact your distributor or Handler Manufacturing at 908-233-7796 or 1-800-274-2635.

**INSTRUCTIONS:** Remove the polishing motor from the carton and place it in a suitable location on a suitable sturdy horizontal surface. Make certain to check the contents of the carton and packing for possible accessories which have been packaged with your polishing motor. Place these aside for future use.

The polishing motor MUST be bolted to a sturdy table top. Using bolts, nuts and washers which are at least 1/4" inch in diameter and of proper length, bolt the motor securely to a solid table top. This will prevent possible movement of the motor the during operation and possible injury.

Plug the polishing motor into a suitable, grounded 115 Volt/ 60Hz electrical socket. Do not use a 3 - 2 prong adapter. Failure to connect the motor to a suitable grounded electrical receptacle may result in injury and electrical shock. Consult your licensed electrician to make certain your electrical system is properly grounded. Your polishing motor is now ready for operation with the aid of proper chucks placed on the shaft of your motor ( see page 2 for chuck accessories).

The No. 30 and 30A Polishing Motors are manufactured to function on one speed - 3450 RPM. The motor shaft is provided with a special tapered and threaded shaft. The motor shaft will accept chuck accessories which mount onto this style shaft, only. Do not attempt to place other style chucks onto this shaft, as they will not fit properly.

A model 30J-Right chuck has been shipped with your polishing motor. Place the No. 30J-R chuck onto the shaft of the polishing motor. The shaft is machined with a taper and thread, which secures the No. 30J-R chuck onto the motor shaft. After placing the 30J-R chuck onto the motor shaft, screw it into place. Secure it in place on the motor shaft using two wrenches of proper size, fitting these onto the wrench slots machined in the chuck and shaft. Tighten securely. Your Red Wing Polishing Motor is ready for operation.

### **PROTECTION-IMPORTANT**

1. Never attempt to use a polishing motor without proper instruction.
2. Never use a polishing motor unless the motor has been fitted with polishing hoods or similar protective device containing a protective shield.
3. Always use a dust collector when performing polishing and grinding operations.

Contact Handler for dust collection equipment options.

4. Read and follow all instructions contained in the attached manual regarding Tool Safety.

Handler manufacturers a full line of chucks, protective hoods, dust collectors, and protective shields.

Contact us at the address, below, to request a Handler catalogue.

# HANDLER

MANUFACTURING COMPANY, INC.

## CHUCK REMOVAL

After completing a polishing operation, you may wish to remove the 30J-R chuck accessory and change to another operation.

To remove the 30J-R chuck, stop the polishing motor, remove the electrical plug from its electrical source, and remove the chuck with the appropriate size wrenches. This is accomplished by attaching the proper wrenches onto the wrench slots on the motor shaft and chuck accessory. Turn the chuck counter clockwise to remove the chuck. Place the new chuck onto the motor shaft, turning clockwise as described in the above INSTRUCTION section.

## MAINTAINENCE

Your Red Wing polishing motor has been manufactured with ball bearings. No further lubrication is necessary during the life of your motor. Occasionally remove the motors cordset from its electrical source and wipe it clean with a clean, soft cloth. DO NOT use abrasive or liquid cleaners. Read fully, the SAFETY INSTRUCTIONS contained in the following pages.

## ACCESSORIES

Handler manufacturers a full line of Chucks, Protective Hoods, Shields and Dust Collectors for use with your Red Wing motor. Handler chucks are precision manufactured to fit onto your Red Wing motor. A few of these chucks and accessories are described, below.



The No. 30J-R or L Chucks are manufactured to accommodate buffing wheels and brushes. The Threads contained on the tapered portion of the Chucks surface secure the buff or brush in position.



The No. 30AF-R or L Chucks are manufactured to accommodate a buff, brush or abrasive wheel with a 1/2" inch center hole. The washers and nut hold the wheel in place during the polishing or grinding operation.

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1-908-233-7796 • 1-800-27Handl • E-Mail: info@handlrmfg.com • Website: www.handlrmfg.com



Handler's No. 30 CAF R or L Chucks are made to accommodate a buff, brush, abrasive wheel and an additional buff for successive polishing or grinding operations.



The No. 30-AC Right is designed to accommodate small burs, drills and chuck accessories up to 1/4" inch in diameter. For Right shaft ONLY

### PROTECTIVE HOODS AND SHIELDS



86J-1 Polishing Hood - Built of heavy gauge sheet steel and powder coated for durability. Large 11" wide x 16" high x 15-1/4" deep with rear, bottom 3" suction inlet. Available with two light sockets-standard or with florescent Light at addition charge.



Model 302 Gold Saving Hood - built of heavy gauge sheet Steel and powder coated for durability. Encloses the entire polishing operation, plus saves polishing dusts and grindings in lower drawer. Lower drawer is locked to retain gold grindings.



The 86B Shield is a protective shield, ready for mounting onto your present hood. The clear, acrylic shield protects from possible polishing dusts and grinding debris from encountering the technician during polishing operations.

Handler builds a full line of protective hoods, shields, and dust collectors to keep your work area clean and healthful. To obtain a Handler catalogue illustrating these products including our bench top dust collectors, stand up polishing units, and central dust collectors with accessories, contact us at the address, below, or call 1-800-27HANDL ( 1-800-274-2635).

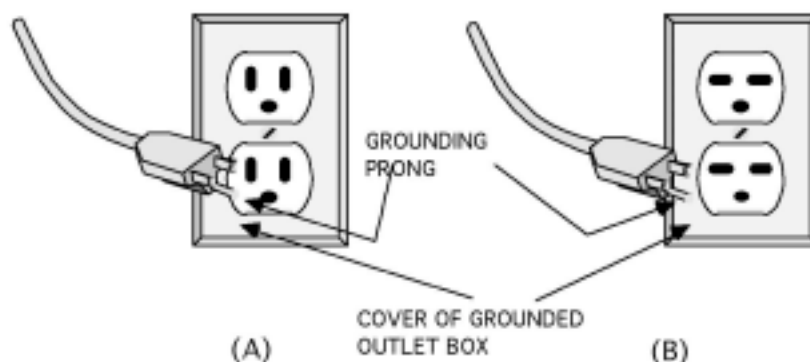
Warranty and Safety Instructions follow. This is a two year warranty product.

# 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.