



# DUAL ACTION POLISHER



## USER'S GUIDE

SAFETY NOTES • FEATURES • INSTRUCTIONS • MAINTENANCE & CARE • MORE

# DUAL ACTION POLISHER

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## FEATURES

**Adjustable "Soft-Touch" D-Handle**  
*Creates Ideal Hand Position*

**"Soft Touch" Head**  
*Provides Comfort*

**Quick Change Backing Plate**  
*Change Pads Quickly*

**Random Orbital Action**  
*Prevents Swirl Marks*



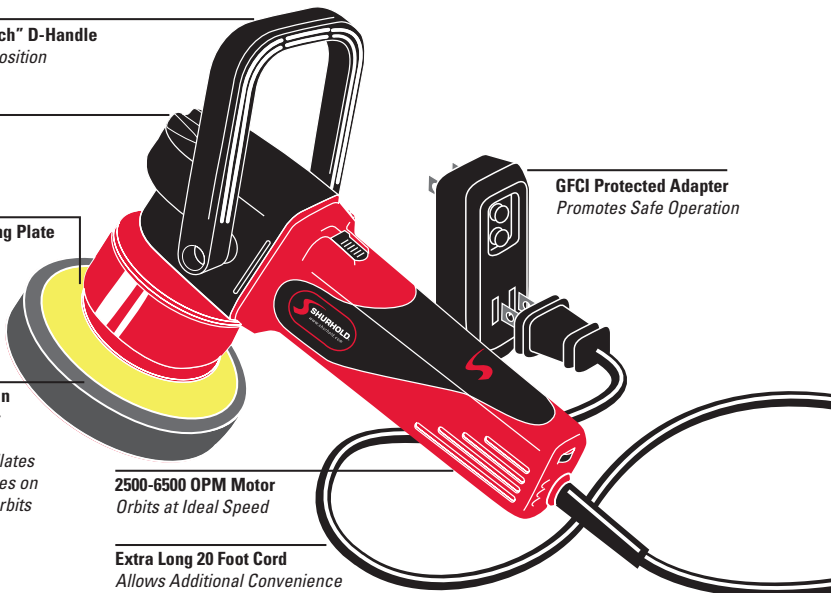
*Pad oscillates and rotates on varying orbits*

*Pads sold separately.*

**2500-6500 OPM Motor**  
*Orbits at Ideal Speed*

**Extra Long 20 Foot Cord**  
*Allows Additional Convenience*

**GFCI Protected Adapter**  
*Promotes Safe Operation*



## CAUTION

### OBSERVE THE FOLLOWING BEFORE USING



The user is liable for any damage or accidents resulting from use not in accordance with the intended use.



The noise level can exceed 85 dB(A) during operation.  
Wear ear protectors.




Always wear safety goggles when using this machine.  
It is recommended to wear gloves, sturdy non-slipping shoes and apron.

- Always disconnect the plug from the socket before carrying out any work on the machine.
- Only plug-in when machine is switched off.
- Keep power cord clear from working range of the machine.
- Always lead the cord away behind you.
- Never reach into the spinning area of the machine when it is running.
- Only use tools whose permitted speed is at least as high as the highest no-load speed of the machine.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.
- Always remove jewelry and other clothing or objects which may scratch the surface as you polish.

## INTENDED USE

The machine is intended for polishing and sanding of painted or fiberglass surfaces. For reasons of electrical safety the machine must not be damp or operated in a humid environment. The machine may only be used for dry sanding, buffing or polishing.


## 1 CHANGING THE BACKING PLATE

 **To reduce the risk of injury, turn unit off and disconnect it from the power source before installing and removing accessories, before adjusting or making repairs. An accidental start-up can cause injury.**

- a. Engage the flats of the spindle with the supplied spindle wrench.
  - b. While holding the spindle with the wrench, use your other hand to rotate the plate counterclockwise to remove.
- To install the plate, reverse the above procedure.



## 2 INSTALLING/REMOVING BUFFING PAD OR ABRASIVE DISC

 **To reduce the risk of injury, turn unit off and disconnect it from the power source before installing and removing accessories, before adjusting or making repairs. An accidental start-up can cause injury.**

To install pad or disc on hook and loop fastener backing plate, center the pad or disc over plate and press firmly.

To remove pad or disc from hook and loop fastener backing plate, grip pad or disc firmly and pull from plate.

## 3 TO START AND STOP TOOL

 **Make certain that the switch is in the "OFF" position, and the power source is the same as that specified on the tool's nameplate.**

First connect the tool to the power source.

**To start tool**, slide the power switch forward until it locks in the on position.

**To stop tool**, press rear of power switch to unlock and slide to rear off position.



#### 4 SETTING THE SPEED

The machine speed can be set with the speed dial located at the rear of the unit. The numbers on the speed dial correspond approximately with the spindle speeds:

- |             |             |
|-------------|-------------|
| 1: 2500 OPM | 4: 4600 OPM |
| 2: 3200 OPM | 5: 5500 OPM |
| 3: 3900 OPM | 6: 6500 OPM |



#### 5 USING THE POLISHER

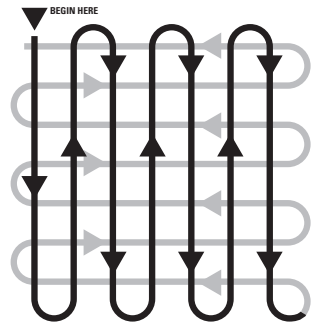
 **If your workspace is so light that it can be moved by the rotating pad, anchor it securely to prevent possible bodily injury.**

- Read and follow the directions supplied with the product (polishes, waxes, cleaners, etc.)
- Apply a small amount of the product directly to the polishing pad, or work surface as directed by product manufacturer.
- Grasp the polisher firmly with both hands. One hand on auxiliary handle and one on the motor housing.
- Position the polisher with the polishing pad against the work surface and then start the polisher.



 **NEVER run or stop the tool when it is not in contact with the work surface.**

- Move the polisher back and forth in a sweeping motion, over-lapping each previous pass. See diagram on the right.
- DO NOT apply additional pressure. Allow the polisher to work under its own weight.
- DO NOT mix products (wax, polish, cleaner, etc.) on the same pad. Label each pad to prevent confusion.



Always remove the power supply plug from the socket before carrying out any work on the machine. The cool air openings in the motor casing must always be kept clean and unobstructed to ensure air circulation. With the exception of carbon brush replacement (see below), all maintenance and repair work which requires the motor casing to be opened may only be carried out by an authorized service center. (Please refer to warranty on page 3.) Keep unit clean and dry. Wipe down and clean after each use. Do not submerge in water, or get wet. For best results always start with clean dry pads. See page 7 for pad cleaning directions.

## **CARBON BRUSH REPLACEMENT**

After extended use, the motor is designed to shut down indicating the motors carbon brushes require replacement (2 are included with product). To replace, be sure polisher is disconnected from the power source, then follow the steps below.

### **STEP 1**

Remove screw from back housing.

### **STEP 2**

Slide housing off polisher. Locate both carbon brushes, left and right.

### **STEP 3**

Detach power clip from polisher. Remove old carbon brush. Remove any additional broken pieces.

### **STEP 4**

While holding spring back, insert new carbon brush into polisher. Secure brush with spring.

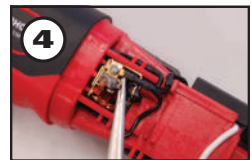
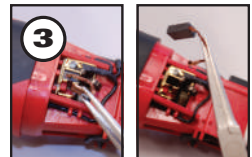
### **STEP 5**

Attach power clip of new brush to the polisher.

*Repeat Steps 3 - 5 for other brush.*

### **STEP 6**

Once replacement of both brushes is complete, slide back housing on to polisher and secure with screw.



## HOW DO I CLEAN MY BUFFING PADS?



### **Serious Pad Cleaner**

#### **Great for Cleaning and Rejuvenating Buffing Pads**

30803 - 12 oz. Serious Pad Cleaner  
Serious Pad Cleaner is scientifically formulated powdered cleaner for rejuvenating buffing pads. Mixed with water this cleaner dissolves compounds and waxes from wool, foam and blended buffing pads cleaning them to be used over and over. Also great for microfiber and cotton bonnets.

Nothing is worse than getting ready to start a job with your Polisher and realizing your pads are all dirty and gunked up from the previous application. It is very important to always start a waxing or buffing job with a fresh set of pads. This does not mean a new set, but rather pads that are in clean and good condition.

Dirty pads will work against you in 2 ways. First, if they are already loaded with wax or compound they will not work efficiently, greatly increasing the time you will need for buffing. Second, a dirty pad, one that may have been stored poorly or has grime embedded in it can really damage your finish by grinding that dirt into the surface.

### **STEP 1**

In a plastic container, mix 1 scoop (included) of Serious Pad Cleaner or 1 tbsp. per 1 gallon (3.78 Liters) of warm water and stir thoroughly. (Mix only what is needed for application and use within 7 days of mixing or more often with heavy use.)

### **STEP 2**

Soak items to be cleaned for up to 15 minutes. Agitate and brush lightly. Thoroughly rinse area with clean water. For extremely soiled area, let solution soak in longer.

### **STEP 3**

Wash your pads immediately for easiest cleaning. Serious Pad Cleaner will remove caked on and saturated compounds and waxes from your pads. Let pads air dry completely prior to using again. For storing pads in between use, you should use a clear plastic baggie.

**SAFETY & HANDLING:** While this product is environmentally friendly and bio-degradable, please follow these warnings. This is a concentrated citrus cleaner and may irritate your skin with prolonged exposure. Due to its powerful cleaning properties, wear old clothes while using. Always wear protective gloves and safety glasses. Do not mix with bleach or any other concentrated chemical cleaners. Keep unused powder in a cool, dry place, out of reach of children and pets.

# WAXING & POLISHING



## Pro Polish®

### Liquid Wax Sealant & Polish

30202 - 16 oz. (473 mL)

30203 - 1 gal. (3.78 L)

Pro Polish is a surface cleaner, sealant and polish with UV inhibitors that produces an ultra high gloss finish in one easy step. Better than a wax, Pro Polish is formulated with cosmetic grade ingredients and contains no fillers or talc, protecting your finish against sun, salt, acid rain and other harsh environmental elements.



Prior to the use of your Shurhold Dual Action Polisher, be sure your boat, car or other desired surface is clean and dry. Avoid using your polisher on a dirty surface, it may cause damage, such as scratches or swirls, to the paint or gel coat.

Shurhold recommends that a polymer based wax alternative, such as Shurhold's Pro Polish, be used for the most significant improvement in the surface's appearance. Pro Polish is a paint and fiberglass/gel coat cleaner, sealant and polish with UV inhibitors that produces an ultra high gloss finish in one easy step. Formulated with cosmetic grade ingredients, it contains no fillers or talc, protecting your finish against sun, salt, acid rain and other harsh environmental elements.

For best results, use Shurhold's Pro Polish, Pro Polish Pad and Microfiber Bonnet and follow these steps:

## STEP 1

Start with a clean, dry Shurhold Pro Polish pad.

## STEP 2

Apply Pro Polish to the pad in a ring pattern, as shown in Figure A.

## STEP 3

With the switch in the off position, dab the pad against a 2 foot square area to distribute the polish.



Figure A



#### **STEP 4**

Be sure Polisher is off. Turn speed dial to a speed of 2. Hold pad against surface to be polished, and switch Polisher on. Once the polish has spread well, the Polisher can be used at a higher speed such as 3 or 4.

#### **STEP 5**

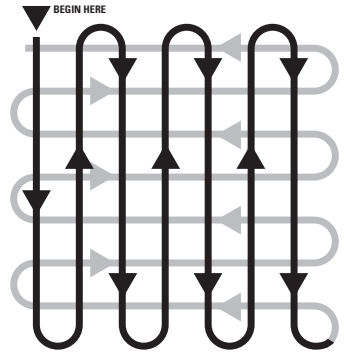
Hold pad flat against surface, and slowly move the pad in the pattern shown to the right. Overlap each pass halfway, while polishing up and down, then left to right. **DO NOT** apply too much pressure. On a horizontal surface, the weight of the machine is enough. On a vertical surface, apply light pressure.

#### **STEP 6**

Once you've polished enough that only a thin haze layer of polish remains, you may stop. Check to see you've covered all the areas necessary. The remainder of the polish can then be removed with a Microfiber Bonnet.

#### **STEP 7**

To remove any leftover residue, place the Microfiber Bonnet directly on the Pro Polish Pad and work the Bonnet into the same pattern as Step 5, but on speed 2. You will notice the vapor barrier on the inside of the Microfiber Bonnet. This unique design is to prevent any Pro Polish or wax from transferring onto the Bonnet.



# REMOVING OXIDATION



## Buff Magic®

### Surface Reconditioner & Metal Polish

30101 - 22 oz. (624 g)

30121 - 4 lb. (1.8 kg)

Buff Magic is a surface reconditioner and deoxidizer. Buff Magic is also an incredible metal polish. It has been formulated to be user friendly whether buffing by machine or hand.



Your Shurhold Dual Action Polisher is the perfect tool for removing minor defects in paint and gel coat. Defects such as scratches, oxidation, scuffs, chemical etching, swirl and sand marks can be repaired with the use of the Buff Magic Pad, Buff Magic, and Dual Action Polisher. Professional polishers use a large wheel spinning at a high rpm, causing hard-to-avoid burns and swirls. The Shurhold polisher's dual-action, oscillating head eliminates this issue. Waxing and buffing is done in half the time, with half the effort and half the amount of product. Buff Magic is scientifically formulated with jeweler's rouge to be a multi-purpose buffing and polishing cream. With each pass, the gentle abrasives break down, creating a compound that transforms a very dull finish to ultra glossy. Also ideal for metal, Buff Magic removes oxidation, gelcoat staining, surface rust, tarnish and minor Plexiglass scratches.

## Premium Buffing Pads

### The Right Pad For Any Job

3151 - 6<sup>1</sup>/<sub>2</sub>" Buff Magic Pad (2 pack)

A general purpose, wool, medium cutting pad.

3154 - 6<sup>1</sup>/<sub>2</sub>" Buff Magic Foam Pad (2 pack)

A general purpose, foam, light cutting pad.



3151

3154

For best results, use Buff Magic, Buff Magic Pad, and our pad fluffing brush and follow the steps below:

### **STEP 1**

Choose the pad for the job. We recommend using Shurhold's Wool (medium cutting) or Foam Buff Magic (light cutting) Pad. Be sure to start the job with a clean, dry pad.

### **STEP 2**

Use a clean, small paint brush and apply a series of X's to a small 2 foot square area. Do not apply the Buff Magic to the pad as this will cause premature overloading and clumping of the pad.

### **STEP 3**

Once the Buff Magic is on the surface, place the pad face directly on the surface of your boat or vehicle and turn the machine on. Start at a speed of 2. Make sure you do not start the machine until the pad is on the surface, as this will help to reduce slinging and mess of the product.

### **STEP 4**

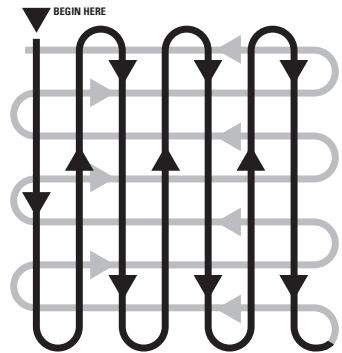
As soon as the machine is on, use the following overlapping pattern. Do not apply a lot of pressure, let the machine do the work for you.

### **STEP 5**

You should slowly move through the overlapping pattern a couple of times. If necessary, you can speed up the tool to a 3 or 4. Remember to turn the tool off before removing it from the surface.

### **STEP 6**

Use a microfiber towel to remove any excess material. If the surface has the showroom shine you are looking for, then you can move on to the next 2 foot square area. If not, you have a deeper level of oxidation and you may have to repeat these steps a couple more times.



#### **REMINDER:**

Fluff the wool pad in between uses as this will help to keep the pad from getting too matted down and stop working. Do not use too much product, less is more. Never apply product to the pad. Always work a small section at a time. Don't forget once you are done with the steps above, you will want to put a protective coating on the surface to prevent premature oxidation in the future.

**RECOMMENDED  
PRODUCT USE**



	<p><b>Buff Magic Pad &amp; Buff Magic</b> Speed Setting: 3 - 5</p>	<p><b>Pro Polish Pad &amp; Pro Polish</b> Speed Setting: 2 - 3</p>	<p><b>Microfiber Bonnet</b> Speed Setting: 1 - 2</p>
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**Surface Condition**

<p><b>BAD</b> Sun Faded Surface Surface Scratches Rough &amp; Oxidized</p>	<p><b>STEP 1</b> 2 - 3 Passes to Remove Surface Defects with Buff Magic Pad and Buff Magic</p>	<p><b>STEP 2</b> Protect and Seal by Working in Pro Polish with Pro Polish Pad</p>	<p><b>STEP 3</b> Buff out Pro Polish to a Showroom Shine with Microfiber Bonnet</p>
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<p><b>AVERAGE</b> Light Chalking Swirl Marks Light Scratches</p>	<p><b>STEP 1</b> 1 Pass to Remove Surface Defects with Buff Magic Pad and Buff Magic</p>	<p><b>STEP 2</b> Protect and Seal by Working in Pro Polish with Pro Polish Pad</p>	<p><b>STEP 3</b> Buff out Pro Polish to a Showroom Shine with Microfiber Bonnet</p>
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<p><b>NEW</b> No Swirl Marks No Scratches No Haziness</p>	<p><b>STEP 1</b> Go to Step 2</p>	<p><b>STEP 2</b> Protect and Seal by Working in Pro Polish with Pro Polish Pad</p>	<p><b>STEP 3</b> Buff out Pro Polish to a Showroom Shine with Microfiber Bonnet</p>
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# ACCESSORIES



## Premium Buffing Pads

### The Right Pad For Any Job

3151 - 6 1/2" Buff Magic Pad (2 pack)  
A general purpose, wool, medium cutting pad.

3154 - 6 1/2" Buff Magic Foam Pad (2 pack)  
A general purpose, foam, light cutting pad.

3152 - 6 1/2" Pro Polish Pad (2 pack)  
A black foam finessing pad. Use with Pro Polish for waxing.

3153 - 6 1/2" Microfiber Bonnet

3201 - 5" Fine Scrubber Pad

3202 - 5" Medium Scrubber Pad

3203 - 5" Coarse Scrubber Pad

3210 - 5" Magic Wool Buffing Pad (2 pack)  
For cleaning glass.

## Serious Pad Cleaner

### Great for Cleaning and Rejuvenating Buffing Pads

30803 - 12 oz. Serious Pad Cleaner  
Serious Pad Cleaner is scientifically formulated powdered cleaner for rejuvenating buffing pads. Mixed with water this cleaner dissolves compounds and waxes from wool, foam and blended buffing pads cleaning them to be used over and over. Also great for micro-fiber and cotton bonnets.



## Premium Buffing Brushes

### Turn Your Buffer Into A Power Brush

3205 - 6 1/2" Stiff Brush - White Polypropylene  
Most abrasive brush available.

3206 - 6 1/2" Medium Brush - Yellow Polystyrene  
Moderately abrasive brush.

3207 - 6 1/2" Soft Brush - Yellow Polystyrene  
Split end fibers for safe use on most surfaces.

## Utility Brush

### Lightweight & Heavy Duty

270 - Utility Brush  
Great for cleaning buffing pads. Perfect for upholstery, floor mats, vinyl, canvas and more. Includes unique spot scrubber on handle.





## SHURHOLD HANDLES

Shurhold's exclusive SHUR-LOK quick release system positively locks any Shurhold handle quickly and easily with all Shurhold accessories. All handles are made of high strength, corrosion resistant, lightweight aluminum.

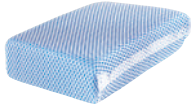


## PREMIUM BRUSHES

Our premium deck brushes feature an angled head and flared bristles from extra soft to stiff. They are made from premium hard woods, the bristles are set with rust proof "Nickel Silver" stapling wire and feature wrap around safety bumpers. The most popular is the soft deck brush! The specially designed split end fibers hold more soap and water. This brush is safe on gel coat, fiberglass, and paint.

## MESH SPONGE

Bug & Tar Remover.  
Non-abrasive mesh covered sponge removes bugs, stains, tar, grit, and grime faster and easier.



## WASH MITTS

Shaped thumb and elastic band for a comfortable fit. Made from genuine lambs wool. Great for washing and polishing. Can be used wet or dry.



## MICROFIBER TOWELS

Wet It, Wring It, Wipe It!  
● Polish and Shine - Super Soft  
● Wash & Clean - Xtra Strong  
● Glass & Mirror - Lint Free



## HOSE NOZZLE

Ergonomic Grip. Die-cast zinc nozzle body with soft black vinyl grip. Includes a hold open clip and stainless steel spring.





## **SURFACE SQUEEGEE**

Flexible Water Blade easily molds to curved boats and vehicles, drying any surface in 1/3 the time. Eliminates water spotting without chamois and towel. The Flexible Water Blade Adapter Adjusts 180° and extends the reach of your flexible Water Blade with a Shurhold handle.

## **SHUR-DRY PVA**

Our PVA Towel absorbs 50% more than natural chamois. And the PVA Sponge absorbs more than any other sponge.



## **BUCKET BASE**

The Bucket Base is a sturdy non skid / non marking ring that is designed to minimize sliding, toppling, and damage that can occur from the movement of Boats and RV's. We all use 5 gallon pails whether we are fishing, diving, carrying tools, or cleaning. The Bucket Base will stop problems before they happen.

- Stops buckets from sliding on deck
- Prevents scratches in fiberglass and teak
- Buckets will not fall over with brushes in them
- U.V. resistant and durable
- Fits all Shurhold buckets
- Fits most manufacturer's 5 gallon buckets
- It floats

## **WORLD'S BEST BUCKET**

Each bucket comes with a comfort grip braided nylon rope handle so you don't have to worry about rusty metal handles. It is perfect for holding soap and water for washing, holding bait, using as a stool, transferring ice, for painting, and storing or carrying small items. It's wide enough to fit most Shurhold brushes. Plus, the tapered design allows stacking of multiple buckets for compact storage.



## PART LIST

- A** 1 - Dual Action Polisher with 20' Cord and GFCI Protected Adapter
- B** 1 - Heavy Duty Carrying Bag
- C** 1 - Interchangeable Side Handle
- D** 1 - D-Handle
- E** 2 - Hex Bolts and Washers
- F** 1 - Hex Wrench
- G** 1 - Quick Change Backing Plate
- H** 1 - Backing Plate Wrench
- I** 2 - Replacement Carbon Brushes
- J** 1 - Instruction Manual and User's Guide

## SPECIFICATIONS

Rated Voltage	120V AC / 230V CA
Orbit Diameter Size	5/16" (8mm)
Frequency	60Hz/50Hz
Thread Size	5/16" - 24
Rated Current	4.2 Amp
Velcro Backing Plate Size	5" - 6" 127 - 152mm
Rated Power	500 W
Polishing Pad Size	5.5" - 6.5" 140 - 165mm
Variable Speed	2500 - 6500 OPM
Net Weight	4.8lb (2.2kg)
Power Cord	20' (6m)

## 6-SPEED SETTINGS

Waxing & Buffing	1: 2500 OPM
Waxing & Buffing	2: 3200 OPM
Polishing & Cleaning	3: 3900 OPM
Polishing & Cleaning	4: 4600 OPM
Removing Paint Defects & Swirls	5: 5500 OPM
Removing Paint Defects & Swirls	6: 6500 OPM