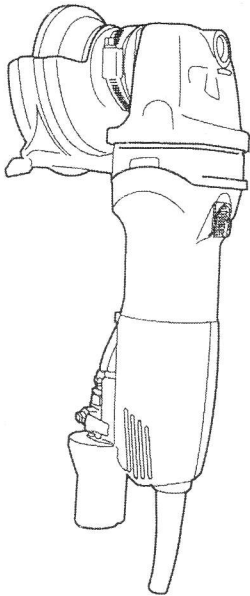


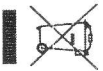
WET POLISHER



Operating Instructions



Interfek
4009325



To reduce the risk of injury, the user must read and understand the operator's manual.

INTRODUCTION

The Wet Polisher has many features for making the use of this tool more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this polisher making it easy to maintain and operate.

GENERAL SAFETY RULES

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/ or serious injury. The term "power tool" in all of the warnings listed below refers to your Wet Polisher variable speed wet polisher.

WORK AREA

- Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools may create sparks that may ignite the dust or fumes.
- Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from head, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

ELECTRICAL SAFETY

- When operating a power tool outside use an outdoor extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Refer to chart below.

PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce the risk of personal injury.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- Remove any adjusting keys or wrenches before turning the tool on. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

SPECIFIC SAFETY PRECAUTIONS

1. Accessories used with this tool must be rated for at least 4000 RPM.
2. Check backer pad and polishing discs for damage before operating. Replace damaged pad/discs immediately prior to use.
3. When using tool, always wear safety glasses.

4. Do not use this tool with wood or metal cutting blades.
5. Hold tool firmly at all times.
6. Keep hands away from moving parts.
7. Make sure the work piece is adequately supported.
8. Do not touch work piece immediately after polishing. It may be very hot.
9. Wear rubber gloves and boots to protect against electric shock.
10. Be careful not to allow water into the motor.
11. Always use a Ground Fault Circuit Interrupter (GFCI) with this tool.

GENERAL SAFETY GUIDELINES

- Know your power tool. Learn its application and limitations, as well as the specific potential hazards related to this tool. Read operator's manual carefully.
- Always wear safety glasses. Everyday eyeglasses have only impactresistant lenses; they are NOT safety glasses.
- Protect your lungs. Wear a face or dust mask if the operation is dusty.
- Protect your hearing. Wear hearing protection during extended periods of operation.
- Inspect tool cords periodically and, if damaged, have repaired at your nearest Factory Service Center or other Authorized Service Organization. Constantly stay aware of cord location.
- Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it would operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center. Following this rule will reduce the risk of shock, fire, or serious injury.
- Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also.

TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it is designed.
- Do not use tool if switch does not turn it on or off. Any tool that cannot be

controlled with the switch is dangerous and must be repaired.

- **Disconnect the plug from power source before making any adjustments,** changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- **Store idle tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Tools are dangerous in the hands of untrained users.
- **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Poorly maintained power tools can increase the risk of accidents.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

SPECIFICATIONS

Voltage/Frequency	120V~60Hz
Polishing Disc Diameter	5" Max
No Load Speed	700-3000RPM
Power	7A/800W
Weight (Net/Gross)	3.0/3.6KG

Speed Adjustment

On the rear of the polisher, there is a speed adjustment dial. Refer to the speed chart below for settings.

Speed Adjustment vs. RPM	
Number	Approximate RPM
1	700
2	1100
3	1600
4	2100
5	2600
6	3000

Do not operate the tool at low speeds under heavy load for extended periods of time. This may cause the motor to overheat.

DISC CAPACITY

The Wet Polisher will accommodate disc sizes up to 5 inches (127mm). Discs larger than 5 inches should not be used.

OPERATING YOUR WET POLISHER

- **Do not force the polisher.** The weight of the unit supplies adequate pressure; therefore, let the polishing pad and polisher do the work. Applying additional pressure only slows the motor, rapidly wears the polishing pad, and greatly reduces the polishing speed. Excessive pressure will overload the motor causing possible damage from overheating.
- **Do not polish one spot too long.** When used in one spot for extended periods, 50 and 100 grit polishing pads will remove excessive material, making the surface uneven. Excessive pressure may overheat the motor. If this occurs, turn off the polisher and wait until the polishing disc or blade comes to a complete stop. Then remove the polisher from the work piece. Remove your hand from the vent area, remove the polishing disc, then (with your hand removed from the vent area) turn on the polisher and run it free, without a load, to cool the motor.

PACKAGE CONTENTS

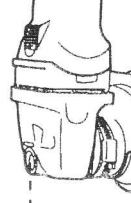
Your wet polisher is shipped with the following contents

- Wet polisher with water supply line and hose adapter
- Water shroud
- Ground Fault Circuit Interrupter (GFCI)
- Shaft wrench (2)
- Side Handle
- Gearbox cover
- Owner's manual

WET POLISHER DIAGRAM

SHAFT LOCK

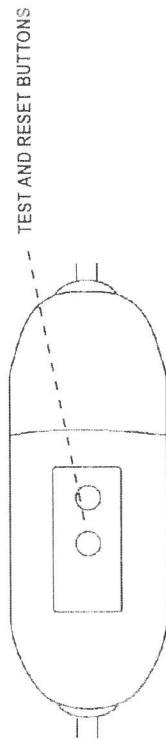
Located on the top of the gearbox is a shaft lock pin. Press this pin to stop the shaft from spinning when installing a backer plate or securing arbor nuts. Do not press shaft lock pin when polisher is running. Doing so will damage the tool and can cause injury.



SHAFT LOCK

GFCI

The polisher should only be used with a GFCI. Before each use, test and reset the GFCI. If the GFCI does not test and reset properly, replace it before using the polisher. The GFCI may reset automatically each time the tool is removed from the power outlet, in this case you will need to depress the reset button prior to use.



WATER FLOW ADJUSTMENT

The water adjustment lever is located on the under side of the polisher.

SIDE HANDLE

The side handle can be installed on either the right or left side.

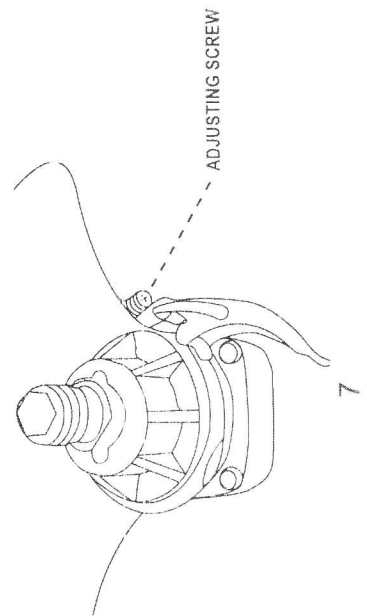
GEAR BOX COVER

The plastic gearbox cover is designed to allow the user to apply pressure directly to the polisher's gear box with out feeling the heat created by the tool.

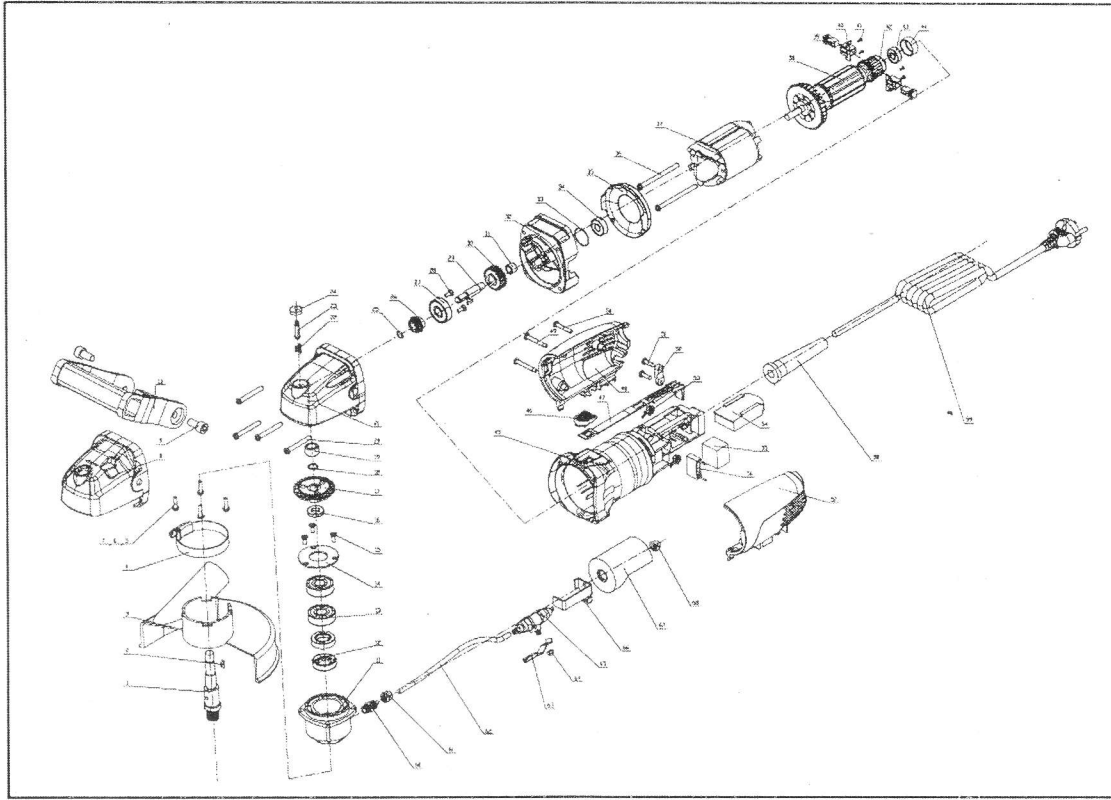
Before using tool, make sure all handles are securely fastened.

WATER SHROUD

The water shroud is easily attached and removed using the actuating lever. Slide the shroud over the polisher head with the lever in the open position. Use the adjusting screw to open the collar to the correct size. Close the lever to tighten the shroud onto the polisher head.



WET POLISHER BURST DRAWING



PARTS LIST

Part NO.	Description	QTY	Part NO.	Description	QTY
1	Output Shaft	1	35	Wind Cover	1
2	woodruff key	1	36	Screw	2
3	Splash Guard	1	37	Stator	1
4	collar	1	38	Rotor	1
5	screw	4	39	carbon brush	2
6	washer	4	40	carbon brush holder	2
7	plain washer	4	41	Screw	4
8	Gear Cap	1	42	magnet ring	1
9	Screw	2	43	Bearing	1
10	Additional Handle	1	44	Bearing Cover	1
11	Gear Cover	1	45	housing	1
12	Oil Seal	2	46	Thumb Button	1
13	bearing	2	47	Switch Lever	1
14	Bearing Washer	1	48	Rear Cover(right)	1
15	Screw	3	49	Screw	2
16	gear tube	1	50	Screw	1
17	Big Gear	1	51	Screw	2
18	Clamp	1	52	cable disc	1
19	Needle Bearing	1	53	Inductance	2
20	Screw	4	54	Speed Controller	1
21	Gear Case	1	55	Switch	1
22	Self-lock spring	1	56	capacitance	1
23	self-lock pin	1	57	Rear Cover(left)	1
24	Self-lock cap	1	58	cable sheath	1
25	clamp	1	59	cable	1
26	Small gear	1	60	waterpipe joint	1
27	bearing	1	61	nut	1
28	screw	2	62	waterpipe	1
29	axle	1	63	adjustment lever	1
30	helical gear	1	64	nut	1
31	bearing	1	65	faucet	1
32	Bearing Retainer	1	66	holder	1
33	O Ring	1	67	Water shield	1
34	bearing	1	68	nut	1