



# 8"

## Bench Top Buffer

### INSTRUCTION MANUAL



#### **⚠ WARNING!**

Some dust created by power sanding, sawing, grinding, and other construction activities contains chemicals known to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals are:

- Lead, from lead-based paints
- Crystalline silica, from bricks, cement, and other masonry products
- Arsenic and chromium, from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and use approved personal protective equipment, such as dust masks that are specially designed to filter out microscopic particles.



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Made in China

#### **⚠ WARNING:**

**Read carefully and understand RULES FOR SAFE OPERATION and instructions before operating.**

**Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.**

**Item # 1506078**

# RULES FOR SAFE OPERATION

Read Instructions before using

1. Examine buffer wheels for cracks or other damage before operating.
2. Do not over-tighten wheel nuts.
3. Use only wheel flanges furnished with bench top buffer. Use of other flanges may cause damage or breakage to the wheel and result in injury to the operator.
4. Do not force work against the buffer wheel. Excessive pressure may cause damage or breakage of the buffer wheel, resulting in injury to the operator or bystanders.
5. Stop bench top buffer making adjustments.
6. Always use guards and eye shields.
7. Adjust distance between wheel and work rest to maintain 1/16 inch or less separation as the diameter of the wheel decreases with use.
8. Use buffer wheel suitable for speed of bench top buffer.
9. Do not operate bench top buffer when flammable fumes are present. Sparks from the buffer wheel or motor brush could ignite fumes.

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## FOR ALL TOOLS

1. KEEP GUARDS IN PLACE and in working order.
2. DON'T USE IN DANGEROUS ENVIRONMENT. Don't use power tools in damp or wet location, or expose them to rain. Keep work area well lighted.
3. MAKE WORKSHOP KID PROOF with padlocks or master switches, or by removing starter keys.
4. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
5. KEEP CHILDREN AWAY. All visitors should be kept safe distance from work area.
6. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
7. SECURE WORK. Use clamps or a vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.
8. USE RIGHT TOOL. Don't force tool or attachment to do a job for which it was not designed.
9. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
10. ALWAYS USE SAFETY GLASSES. Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact-resistant lenses, they are NOT safety glasses.
11. WEAR PROPER APPAREL. No loose clothing, gloves, neckties, rings, bracelets, or other jewelry to get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
12. USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.
13. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
14. DON'T OVERREACH. Keep proper footing and balance at all times.
15. REDUCE THE RISK OF UNINTENTIONAL STARTING. Make sure switch is in OFF position before plugging in.
16. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. Don't leave tool until it comes to a complete stop.
17. NEVER STAND ON TOOL. Serious injury could occur if the tool skipped or if the cutting tool is unintentionally contacted.
18. DISCONNECT TOOLS before servicing or when changing accessories such as blades.
19. 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 will 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.
20. DIRECTION OF FEED. Feed work into a blade or cutter only.

# CUSTOMER'S RESPONSIBILITIES

This bench top buffer will start and operate on a 120 volt electrical circuit. Use a 120 volt electrical circuit. Use a 15 Amp "Delayed Action" fuse.

**⚠ WARNING:** MAKE SURE RECEPTACLE BOX IS PROPERLY GROUNDED. OPERATION WITHOUT GROUNING CAN CAUSE SERIOUS ELECTRICAL SHOCK WHICH MIGHT BE FATAL.

## GROUNING INSTRUCTIONS

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This comes equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinance.

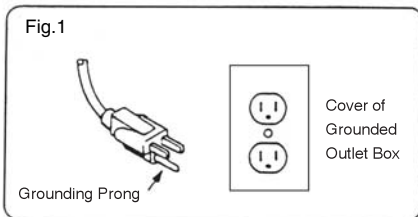
Do not modify the plug provided. If it will not fit the outlet, have the proper outlet installed by a qualified electrician.

If necessary to use an extension, use only 3-wire cords which have 3-rong grounding type plugs and 3-pole receptacles which accept the tool's plug. The following chart of lengths and wire sizes must be followed for safe operation.

Length of Extension	Wire size required (American Wire Gauge No.)
15ft. or less	No. 16
50ft or less	No. 24
100ft. or less	No. 12

Repair or replace damaged or worn cord immediately.

This bench top buffer is equipped with an approved three conductor cord and a three prong grounding type plug and it is intended for use on a grounded outlet circuit. The proper plug and outlet box are illustrated in Fig. 1



Improper connection of the equipment grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripe is the equipment grounding conductor. If repair or replacement of the electric cord or plug is necessary. Do not connect the equipment grounding conductor to a live terminal.

Check with a qualified electrician or serviceman if the grounding instruction ar not completely understood, or if in doubt as to whether the tool is properly grounded.



The operation of any bench top buffer can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields before commencing power tool operation. We recommend wide vision safety mask for over spectacles or standard safety glasses.

# OPERATION

## SWITCH

**⚠ WARNING:** Be safe! Protect your eyes and wear safety goggles at all times while operating bench top buffer.

The switch is located on the front of the base of this buffer. Move On/Off switch to the On position to activate.

NOTE: ALWAYS turn bench top buffer OFF via the switch in the event of a disruption in the electrical power supply. This will safeguard operator against possible injury when power is restored.

## CLEANING AND LUBRICATION

Use only mild soap and a damp cloth to clean the tool. Never let any liquid get inside the tool, and never immerse any part of the tool into a liquid. Self-lubricating bearings are used in the tool and periodic lubrication is not required.

## PARTS LIST

No.	Description
1	Screw
2	Inner toothed washer
3	Plain washer
4	Rubber foot
5	Base plate
6	Switch
7	Outer toothed washer
8	Switch retaining plate
9	Spring washer
10	Base
11	Clamping ring
12	Capacitor
13	Clamp plate
14	Cord holder
15	Cord
16	Flange
17	Polishing Pad
18	End cover

