

# WOLFF® Buffer

## Instruction Manual

### **SAFETY**

**FOR YOUR OWN SAFETY, READ INSTRUCTION MANUAL BEFORE OPERATING BUFFER.**

**WEAR SAFETY GLASSES WITH SIDE SHIELDS.** Operation of buffer results in dust and debris which can impair eyesight unless eyes are protected.

**WEAR A BREATHING MASK.** Protect your lungs from the dust created while buffing.

**DO NOT WEAR LOOSE CLOTHING.**

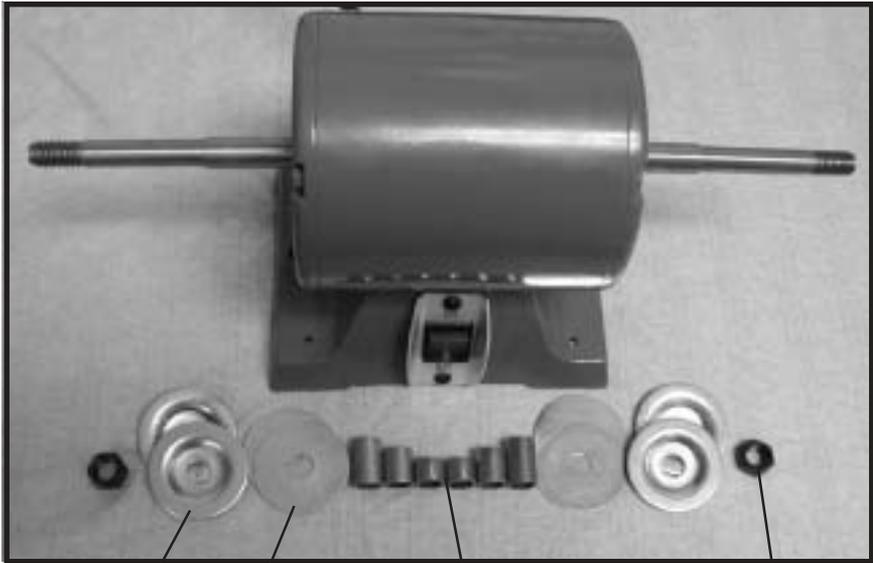
Long sleeves, ties, jewelry and long hair should be tied back or removed so that they do not get caught in a spinning wheel.

**ALWAYS DISCONNECT BUFFER FROM POWER BEFORE SERVICING THE MOTOR.** This is to prevent the accidental operation of the machine during servicing and to prevent contact with electrical live parts. **ONLY PLUG INTO A GROUNDED OUTLET.**

### **CAUTION**

**USE SOFT CLOTH WHEELS ONLY ON BUFFER.** When hard (grinding) wheels are used on a buffer, the operator or nearby personnel will not be protected against wheel failure which can result in serious injury.

**UNSUITABLE ACCESSORIES OR ATTACHMENTS ADDED TO THIS BUFFER MAY INTRODUCE HAZARDS.** Accessories or attachments improperly designed or installed may increase the risk of injury when operating the buffer.



4 flanges

4 fender washers

2 - 1/2" spacers

2 - 3/4" spacers

2 - 1" spacers

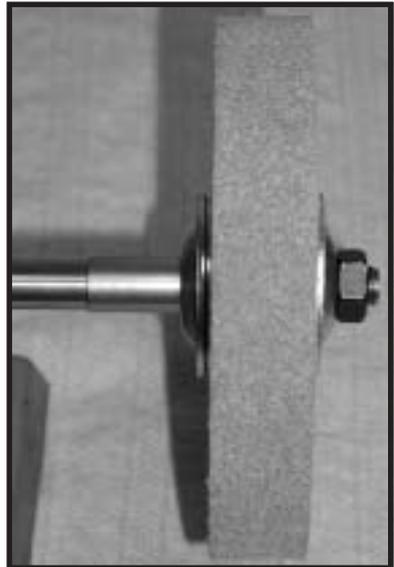
1 left hand nut

1 right hand nut

## INSTALLATION

Mount the buffer on solid bench. The buffer must be bolted to a rigid mounting surface. This buffer is supplied without guards. Operator safety may require guards and other suitable safety devices or as may be specified in safety codes. Wolff Industries does not provide these guards nor are they the responsibility of Wolff Industries.

Use the spacers provided to accommodate different width wheels. Use caution to make sure you install the wheel for the correct rotation.



## **OPERATION**

Check that the switch is in the off position and that the wheels turn freely.

Plug buffer into a 3 wire grounded power receptacle only. Turn the switch on and make sure the buffer comes up to speed smoothly and without vibration.

Use safety glasses with side shields to protect your eyes and a face mask to catch dust and grit.

Always keep hands at least 2 inches away from wheels. If the work piece is small use a holder, such as pliers, to keep hands more than 2 inches from wheel.

Use extreme care when buffing irregularly shaped or small objects as they can be caught in the wheel and hurled outward with damaging force. Always buff from the front of the machine. If the work piece is caught by the wheel, the wheel will normally spin the piece downward. Buff on the face of the wheel only.

## **MACHINE MAINTENANCE**

NEVER OIL any part of your Wolff® Buffer. Motor bearings are sealed ball bearings. Brush off grit as necessary. Replace worn wheels as necessary.

## **PARTS**

Motor only .....	JL-0001
Rocker switch .....	RS-0001
Wheel nut, right .....	10600
Wheel nut, left .....	10700
Wheel flange .....	10200
Fender Washer .....	91090A118
1/2" spacer .....	EP081002
3/4" spacer .....	EP081012
1" spacer .....	EP081016

# WOLFF® Buffer Specifications

## ***NO LOAD***

Voltage .....	115
Amps .....	1.95
Watts .....	90
RPM .....	1795

## ***LOAD***

Voltage .....	115
Amps .....	3.85
Watts .....	410
Output .....	259 watts
RPM .....	1720

P.F.% .....	92
Max Torque .....	0.239
Horse Power .....	1/3

## ***TEMPERATURE RAISING***

Motor Housing .....	78° C
Copper Wiring .....	93° C

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