



**Affordable. Reliable. Home Improvement.**

**BENCH BUFFER**

**Model:TLG-150BGB**

# VEVOR

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MODEL:TLG-150BGB



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

### SAFETY RULES

**WARNING:** For your own safety, read all of the instructions and precautions before operating tool.

**CAUTION:** Always follow proper operating procedures as defined in this manual even if you are familiar with use of this or similar tools. Remember that being careless for even a fraction of a second can result in severe personal injury.

## **BE PREPARED FOR JOB**

- (1) Wear proper apparel. Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts of machine.
- (2) Wear protective hair covering to contain long hair.
- (3) Wear safety shoes with non-slip soles.
- (4) Wear safety glasses.
- (5) Wear Face mask or dust mask if operation is dusty.
- (6) Be alert and think clearly. Never operate power tools when tired, intoxicated or when taking medications that cause drowsiness.

## **PREPARE WORK AREA FOR JOB**

- (1) Keep work area clean. Cluttered work areas invite accidents.
- (2) Do not use power tools in dangerous environments. Do not use power tools in damp or wet locations. Do not expose power tools to rain.
- (3) Work area should be properly lighted.
- (4) Proper electrical receptacle should be available for tool. Three prong plug should be plugged directly into properly grounded, three-prong receptacle.
- (5) Extension cords should have a grounding prong and the three wires of the extension cord should be of the correct gauge.
- (6) Keep visitors at a safe distance from work area.
- (7) Keep children out of workplace. Make workshop childproof. Use padlocks, master switches or remove switch keys to prevent any unintentional use of power tools.

## **TOOL SHOULD BE MAINTAINED**

- (1) Always unplug tool prior to inspection.
- (2) Consult manual for specific maintaining and adjusting procedures.
- (3) Keep tool lubricated and clean for safest operation.
- (4) Remove adjusting tools. Form habit of checking to see that adjusting tools are removed before switching machine on.

- (5) Keep all parts in working order. Check to determine that the guard or other parts will operate properly and perform their intended function.
  - (6) Check for damaged parts. Check for alignment of moving parts, binding, breakage, mounting and any other condition that may affect a tool's operation.
  - (7) A guard or other part that is damaged should be properly repaired or replaced. Do not perform makeshift repairs.
- (Use parts list provided to order replacement parts.)

## **KNOW HOW TO USE TOOL**

- (1) Use right tool for job. Do not force tool or attachment to do a job for which it was not designed.
- (2) Disconnect tool when changing buffing wheels.
- (3) Avoid accidental start-up. Make sure that the tool is in the "off" position before plugging in.
- (4) Do not force tool. It will work most efficiently at the rate for which it was designed.
- (5) Keep hands away from moving parts and buffing surfaces.
- (6) Never leave tool running unattended. Turn the power off and do not leave tool until it comes to a complete stop.
- (7) Do not overreach. Keep proper footing and balance.
- (8) Never stand on tool. Serious injury could occur if tool is tipped or if belt or disc are unintentionally contacted.
- (9) Know your tool. Learn the tool's operation, application and specific limitations.
- (10) Use recommended accessories. Use of improper accessories may cause risk of injury to persons. Do not over tighten wheel nut. Replace defective wheel immediately. Use only flanges supplied with the buffer.
- (11) Handle the work piece correctly.

**CAUTION:** Think safety! Safety is a combination of operator common sense and alertness at all times when tool is being used.

**WARNING:** Do not attempt to operate tool until it is completely assembled according to the instructions.

## ASSEMBLY INSTRUCTIONS

**CAUTION:** Do not attempt assembly if parts are missing. Use this manual to order replacement parts.

Buffer comes completely assembled with hex nuts and wheel flanges packed separately. One spiral sewn wheel and one soft wheel are included.

**IMPORTANT:** Do not attempt assembly if parts are missing. Use this manual to order replacement parts.

### INSTALL BUFFING WHEELS

To install buffing wheels on the buffer:

- (1) Slide inner wheel flange (Part No. 2) onto armature shaft.
- (2) Slide buffing wheel on to the armature shaft and butt it against the inner wheel flange.
- (3) Slide the outer wheel flange and butt the flat side of the flange against the buffing wheel.
- (4) Tighten hex nut on to the armature shaft. Make sure the buffing wheel is firmly held in place and the hex nut is snug against the outer wheel flange. Use additional spacers (not supplied) if required.
- (5) Install buffing wheel on other side of buffer as mentioned above.

## INSTALLATION

### MOUNT BUFFER

Buffer must be mounted to a solid horizontal surface (hardware not provided).

To mount buffer to metal pedestal:

- (1) Align mounting holes with corresponding holes in pedestal.
- (2) Insert a hex head bolt with flat washer through base of buffer.
- (3) Place a flat washer and hex nut from the bottom of pedestal onto the bolt.
- (4) Tighten until base is flush with the pedestal.

(5) Using second nut on each bolt, jam tighten against the first to prevent loosening by vibration.

**To mount buffer to wooden bench:**

(1) Use wood screws with flat washers beneath heads.

(2) Tighten screws until base is flush with bench top.

## **POWER SOURCE**

**WARNING:** Do not connect buffer to the power source until all assembly steps have been completed.

The motor is designed for operation on the voltage and frequency specified.

Normal loads will be handled safely on voltages not more than 10% above or below specified voltage.

Running the unit on voltages which are not within range may cause overheating and motor burn-out. Heavy loads require that voltage at motor terminals be no less than the voltage specified on nameplate.

Power supply to the motor is controlled by a single pole locking rocker switch.

Remove the key to prevent unauthorized use.

## **OPERATION**

### **DESCRIPTION**

Buffer is equipped with a totally enclosed motor.

Armature assembly is dynamically balanced for smooth operation. Motor housing is compact so long pieces of work can press against both wheels without touching the motor frame.

**WARNING:** Always wear safety glasses before commencing power tool operation.

(1) Load buffing compound, appropriate for your work piece, onto the wheel.

(2) Carefully guide work piece into wheel.

(3) Keep a steady, moderate pressure on the work piece and keep it moving at an even pace for smooth buffing.

(4) Pressing too hard overheats the motor and prematurely wears down the buffing wheels.

(5) The buffing wheel should rotate into object being polished.

## MAINTENANCE

- (1) Disconnect unit from power source before replacing buffing wheels or before performing any maintenance work.
- (2) The threads on the right side of the buffer (facing unit) are right hand; threads on the left side are left hand. Hold the wheels firmly to loosen the hex nut.
- (3) Make sure hex nuts are tight and snug against the outer wheel flange prior to restarting buffer.

## TROUBLESHOOTING

**TO PREVENT INJURY TO YOURSELF** or damage to the buffer, turn the switch to the “OFF” position and unplug the power cord from the electrical receptacle before making any adjustments.

SYMPTOM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Buffer won't start	<ol style="list-style-type: none"> <li>1. Blown line fuse or tripped circuit breaker</li> <li>2. Low line voltage</li> <li>3. Defective switch</li> <li>4. Defective, blown capacitor</li> </ol>	<ol style="list-style-type: none"> <li>1. If fuse is blown, replace with fuse of proper size. If breaker tripped, reset it</li> <li>2. Check power supply for voltage and correct as needed</li> <li>3. Replace switch</li> <li>4. Replace capacitor</li> </ol>
Excessive vibration	<ol style="list-style-type: none"> <li>1. Improper mounting of buffing wheel on buffer</li> <li>2. Buffing wheels not balanced</li> </ol>	<ol style="list-style-type: none"> <li>1. Remount</li> <li>2. Remount or replace wheels</li> </ol>
Motor overheating	<ol style="list-style-type: none"> <li>1. Excess pressure required to buffing</li> <li>2. Buffing on side of wheel</li> <li>3. Motor not turning freely (without power)</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace wheel</li> <li>2. Perform buffing only on face of wheel</li> <li>3. Clean around wheels and shaft and/or replace bearings</li> </ol>
Fuses are being blown or circuit breakers tripped	<ol style="list-style-type: none"> <li>1. Replace wheel</li> <li>2. Perform buffing only on face of wheel</li> <li>3. Clean around wheels and shaft and/or replace bearings</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean around wheels and shaft and/or replace bearings</li> <li>2. Replace plug</li> <li>3. Replace cord</li> <li>4. Replace switch</li> <li>5. Rewire motor as per wiring diagram</li> </ol>



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