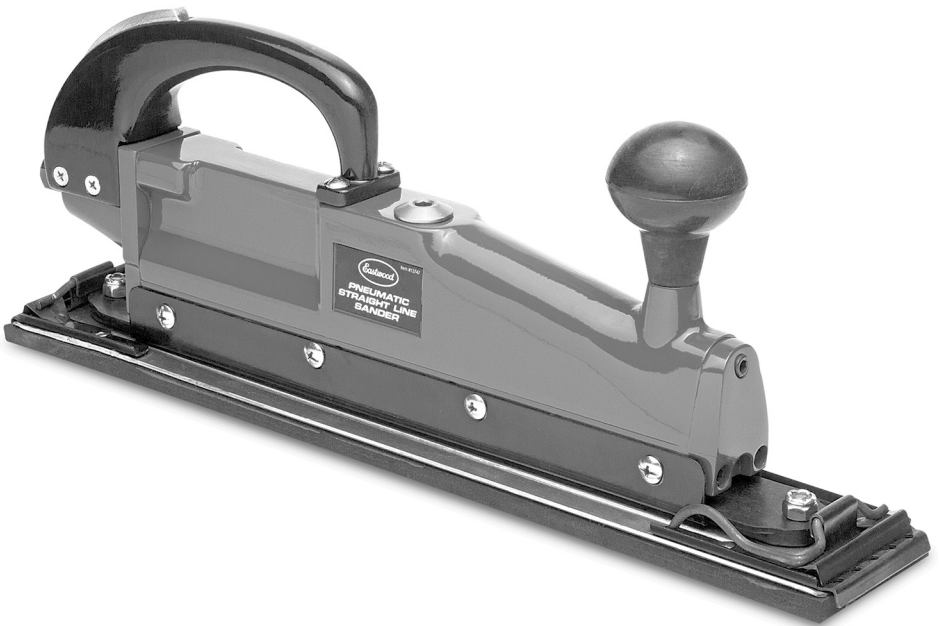


*Eastwood*

**DO THE JOB RIGHT.**

Part #13747

# **PNEUMATIC STRAIGHT-LINE SANDER INSTRUCTIONS**



Your **Eastwood Straight-Line Sander** is a heavy-duty professional quality tool ruggedly designed for many years of reliable service. It features a high-efficiency; double-ended, 2 cylinder motor with a positive, double rack and pinion drive assembly for smooth operation and long life. Speed is easily controlled with an infinitely progressive throttled speed control.

## SAFETY INFORMATION

In this manual, on the labeling, and all other information provided with this product:

### **⚠ WARNING**

WARNING indicates a hazardous situation which, if not avoided, will result in death or serious injury.



### **⚠ READ INSTRUCTIONS**

Thoroughly read and understand this manual before using this tool.  
Save for future reference.



### **⚠ WARNING HEALTH & INJURY HAZARDS**

- Exposure to the loud noise of this tool can cause hearing loss. Wear hearing protection when using this tool.
- Dust created by grinding, sanding and wire wheeling can contain hazardous materials. Wear a NIOSH approved respirator.
- This tool vibrates during use. Long-term exposure to vibrating machinery can cause temporary or permanent injury to the hands, arms and shoulders. Do not use this tool for extended periods of time. Wear suitable gloves to reduce the effects of the vibration.
- This tool can emit sparks and flying debris when operating. Always wear ANSI-approved goggles when using this tool. Bystanders must wear personal protective equipment if in the work area.
- This tool can cause serious cuts and brush burns. Keep hands and body away from sanding area when using this tool. Wear thick, well fitting gloves to prevent cuts and brush burns.
- Disconnect the tool from the air supply before changing sandpaper, making adjustments, or storing the tool. This will prevent injuries from the accidental starting of the tool.
- Do not force the tool to make it operate more quickly. If tool does not remove material acceptably, install a new sheet of sandpaper or try a different grade of paper.
- Secure work piece with clamps or other means before sanding. Do not hold the work against your body or in your hands as this is unstable and could lead to injury.
- Do not put the tool down until it has come to a complete stop.
- This tool can kick back toward the operator. Use care when working on corners or edges.





## **⚠ WARNING BURSTING HAZARDS**

- Never connect to an air source capable of exceeding 200 psi. Excessive air pressure can cause the unit to burst causing personal injury and damage.
- Never use any bottled gas as an air source for this tool. Some of these gasses are capable of explosion or are bottled at pressures high enough to burst this tool.

## **SPECIFICATIONS**

- Sanding Board actual dimensions: 2-3/4" x 15-3/4"
- Accepts 2-3/4" x 17-1/2" Dry-Backed Longboard Sanding Strips or 2-3/4" x 16-1/2" PSA (pressure sensitive adhesive) Backed strips.
- Strokes per minute: 2,100.
- Air Consumption: 5 cfm [180 l.m.].
- Inlet thread size: 1/4" FNPT.
- Variable speed, 2 cylinder, double ended air motor & double rack and pinion drive.
- High-density foam facing on sanding board surface with positive abrasive paper retaining clips

## **SET UP & CONNECTION**

- Be sure that the air supply to the tool is clean and dry. Moisture in the supply line will quickly damage the motor and valves.
- A minimum 3/8" I.D. air line should be used for optimal performance.

## **OPERATION**

- Disconnect air supply from the tool to prevent accidental starting and potential injury while installing or removing Abrasive paper strips.
- To attach dry backed strips, release over-centered, heavy wire spring-clips located at both ends of the longboard.
- Place 1/4" to 3/8" of the end of the strip under the front retaining clip then lower and secure spring-clip in place. While removing looseness in the abrasive strip, fold rear end over end of longboard then under rear retaining clip. Lower the rear spring-clip.
- PSA (pressure sensitive adhesive) strips may be applied directly onto the thoroughly clean and dust free, high-density foam longboard facing pad.
- Reconnect air supply; depress the throttle to begin sanding action. Speed is regulated by pressure applied to the trigger. Note: Always use two hands to operate the sander. One on the rear trigger handle and the other on the auxiliary front mounted knob.

# MAINTENANCE

- Add several drops of air tool oil before each use by dropping directly into the air inlet.
- If tool is to be unused for an extended period, add 10 drops of air tool oil directly into the air inlet then store the tool, handle up.
- With the air supply disconnected, periodically check that the abrasive strip is tight and not torn.

# TROUBLESHOOTING

- Tool doesn't respond to trigger depression:
  - Verify sufficient air supply to tool.
  - Check for moisture in air line and tool air inlet.
- Tool performance is slow or sluggish:
  - Verify sufficient air supply to tool.
  - Check for moisture in air line and tool air inlet.

# ADDITIONAL ITEMS

## **Paper-Backed, Aluminum Oxide Sanding Long Boards, 2-3/4" x 17-1/2"**

- #31363** P40 Grit, 50-pack
- #31362** P80 Grit, 50-pack
- #31364** P120 Grit, 50-pack
- #19609** P180 Grit, 100-pack
- #31365** P220 Grit, 100-pack
- #19610** P320 Grit, 100-pack
- #19611** P400 Grit, 100-pack

## **Film-Backed, Aluminum Oxide Sanding Long Boards, 2-3/4" x 17-1/2"**

- #50877** P40 Grit, 50-pack
- #50878** P80 Grit, 100-pack
- #50879** P120 Grit, 100-pack

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### **If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: [techhelp@eastwood.com](mailto:techhelp@eastwood.com)

PDF version of this manual is available online >> [eastwood.com/13747manual](http://eastwood.com/13747manual)

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