

Part #31294

5" WET JITTERBUG SANDER

INSTRUCTIONS



The **5" WET JITTERBUG SANDER** is a heavy-duty professional quality tool designed for many years of reliable service. It features a high-efficiency sealed ball bearing drive assembly for smooth, low vibration operation and long life. The precision diecast housing provides a solid foundation and offers ergonomic, one handed operation with speed controlled by an infinitely variable hand paddle and rotary knob speed limiting control.

CONTENTS

- (1) Jitterbug Wet Sanding Tool
- (1) 4mm Hex Key Wrench
- (1) 1/4" Male Quick Disconnect Fitting
- (1) Water Hose
- (1) Water Pickup Assembly



SPECIFICATIONS

Replacement Sanding Disk:	5" [127mm] Hook and Loop type
RPM:	8,000 free speed
Orbit Size:	3/32" [2.4mm]
Minimum Air Consumption:	7.1 CFM [201 l/m]
Air Inlet Thread Size	1/4" MNPT
Water Hose Length:	13 feet [4 meters]

REQUIRED FOR USE

- The inlet air supply must have a moisture separator capable of removing all moisture and impurities from the air supply. Moisture and/or oil in the air supply will cause poor tool performance and damage.
- A suitable regulator must be used to limit incoming air pressure to 90 PSI maximum. Excessive air pressure can cause permanent damage to the unit and possible serious personal injury from bursting.
- For best results, a compressor capable of providing a minimum of 9 CFM @ 90 PSI is required. Less available CFM will negatively affect the performance of the Sander and may overwork the compressor.

SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

DANGER

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

WARNING

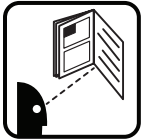
WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.



READ INSTRUCTIONS

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



WARNING HEALTH AND INJURY HAZARD

- **EYE INJURY HAZARD** This Sander will eject particles and contaminated water at high velocity during operation. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses.
- **INJURY HAZARD** This Sander can quickly start up when handling while connected to an air supply causing serious personal injury. Always disconnect the Sander from the air supply before making adjustments, changing Sanding Discs or other maintenance.
- **INJURY HAZARD** Vibrating abrasive discs can quickly remove flesh. Keep hands and fingers away from sanding disc and always wear protective work gloves while sanding.
- **INJURY HAZARD** Do not force tool or exert side forces on tool while sanding as the Sander body can suddenly kick back or twist causing severe hand or wrist injury.
- **INJURY HAZARD** Keep loose clothing, jewelry and long hair away from rotating components as serious personal injury can occur.
- **INJURY HAZARD** Always make sure the workpiece being sanded is securely clamped or anchored to allow safe operation of the Sander.



SAFETY INFORMATION



⚠ WARNING EXPLOSION HAZARD

- Excessive air pressure can cause tool to explode resulting in tool damage and personal injury. Do not exceed 90 psi [6.3 bar] of tool inlet air pressure.



⚠ CAUTION INJURY HAZARD

- **EXCESSIVE NOISE HAZARD** This Sander can generate excessive noise. Wear appropriate hearing protection while using.
- **SPLASH HAZARD** This Sander will eject contaminated water at high velocity during operation. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses.
- **TRIP HAZARD** Air and water lines connected to the Sander can become tripping hazards. Keep all air and water lines out of walking path while working.



SET UP & CONNECTION

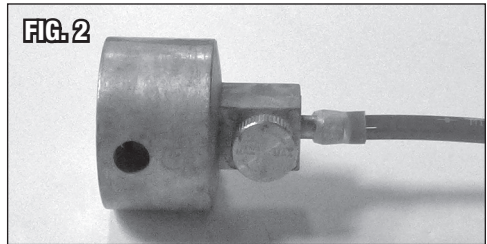
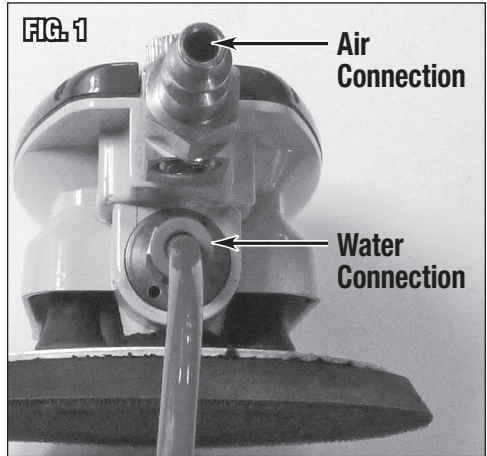
WATER CONNECTION

1. Connect Water Hose to Water Inlet of Sander by pushing it into the Compression Fitting until it seats fully (**FIG 1**). To remove Water Hose, release it by pushing in the red plastic ferrule while pulling out hose.
2. Attach opposite end of Water Hose to the Water Pickup Assembly by pushing the Hose end with the Rubber Sleeve fully over the Barbed Nipple (**FIG 2**).

AIR CONNECTION

⚠ NOTICE

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



1. Wrap white thread sealing tape (not included) around the threads of the 1/4" Male NPT Air Inlet of the Sander Body. Then thread the 1/4" Female NPT Quick Disconnect Fitting (included), onto the inlet threads of the Sander Body (**FIG 1**).
2. Attach Air Supply to Inlet Fitting.

OPERATION

⚠ WARNING INJURY HAZARD!

Disconnect air supply from the tool to prevent accidental starting and potential injury while installing or removing Sanding Disks.

WATER CONTROL

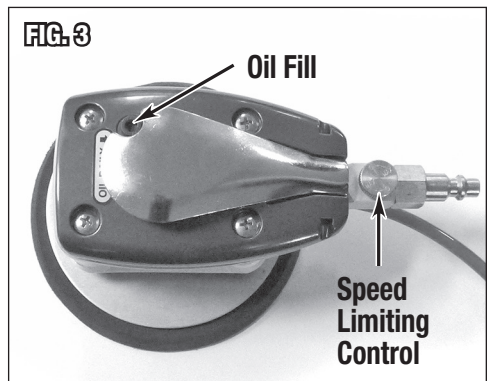
- Fill a suitable bucket with fresh, clean, cool water, then place the Water Pickup Assembly with the Hose attached in it.
- Water flow to the Sander is regulated by the Rotary Valve on the Water Pickup Assembly. To increase flow; rotate knob "Clockwise" as viewed from the side. To reduce flow; rotate knob "Counter-clockwise" as viewed from side of Water Pickup Assembly.

SANDING DISKS

- The Hook and Loop Sanding Disks are attached by pressing in place over the Hook and Loop faced Backing Pad. They are removed by gripping the edge and pulling away from the Backing Pad. **NOTE:** When replacing a Disk, be sure that the water outlet hole is aligned with the water outlet hole in the Backing Pad.

AIR & SPEED CONTROL

- Reconnect air supply; depress the Paddle to begin sanding action. Speed is regulated by pressure applied to the trigger while the Rotary Valve located at the air inlet is used to limit maximum speed. To increase speed limitation; rotate knob "Clockwise" as viewed from above (**FIG 3**). To reduce speed limitation; rotate knob "Counter-clockwise" as viewed from top of tool body.



MAINTENANCE

- Before each use, check oil level by removing the Socket Head Screw located on top of the tool body using the included 4mm hex key (**FIG 3**). If no oil level is visible, add several drops of air tool oil until some oil can be seen. DO NOT OVERFILL. Replace screw and tighten securely.
- If tool is to be unused for an extended period, add 6 drops of air tool oil directly to the air inlet then store the tool, handle up.
- With the air supply disconnected, periodically check that the backing pad is tight.

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Tool Doesn't Respond to Trigger Depression	Insufficient CFM at tool inlet (7.1 CFM minimum)	Verify sufficient air supply to tool.
	Tool contaminated by moisture	Check for moisture in air line and tool air inlet.
Tool Performance is Slow or Sluggish	Insufficient CFM at tool inlet (7.1 CFM minimum)	Verify sufficient air supply to tool.
	Tool contaminated by moisture	Check for moisture in air line and tool air inlet.
Tool Vibrates Excessively During Use	Cracked, broken or loose backing pad	Stop use immediately and check for cracked or broken backing pad.
		Check for loose backing pad.
Tool Emits Excessive or Unusual Noise During Use	Lack of lubrication in air motor	Stop use immediately, remove Oil Fill Screw and add a quality Air Tool Oil until an oil level is seen.

ADDITIONAL ITEMS

- #31331 400 Grit 5" Wet Jitterbug Sandpaper
- #31333 800 Grit 5" Wet Jitterbug Sandpaper
- #31335 1000 Grit 5" Wet Jitterbug Sandpaper

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

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techelp@eastwood.com

PDF version of this manual is available online >> eastwood.com/31294manual

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