



# Nib Removal Sander



## SAFETY INFORMATION

Please read, understand, and follow all safety information contained in these instructions prior to the use of this tool. Retain these instructions for future reference.

### Intended Use:

This tool is designed for repairing painted automobile bodies and parts as well as FRP (Fiber Reinforced Plastic) and wood. It should not be operated in water or in an excessive wet application. All users should review this document and be trained in the safe use of this tool.

### Explanation of Signal Word Consequences

-  **WARNING:** Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury and/or property damage.
-  **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury and/or property damage.

### WARNING

- **To reduce the risks associated with pressure, noise, vibration, and tool breakage during the use of this product:**
  - Read and follow the safety information contained in these instructions prior to the use of this tool. Retain these instructions for future reference.
  - Never exceed maximum input pressure of 95psi (0.65 MPa).
  - Always wear protection for eyes and ears while operating this product.
  - Never point this tool in the direction of your body or that of another person.
  - Never free-spin the tool.
  - If you notice any abnormal noise or vibration when operating the product, immediately discontinue its use and return to the manufacturer for service or repair. Refer to warranty instructions.
  - Limit time of continuous use of tool to 30 minute increments.
  - Discontinue use of the tool if abnormal hand/wrist discomfort is experienced.

### CAUTION

- **To reduce risk of skin abrasion, do not touch the rotating parts during operation for any reason**

Read the Material Safety Data Sheets (MSDS) before using any materials.



Contact the suppliers of the workpiece materials and abrasive materials for copies of the MSDS if one is not readily available.

### WARNING

Exposure to **DUST** generated from workpiece and/or abrasive materials can result in lung damage and/or other physical injury.

Use dust capture or local exhaust as stated in the MSDS. Wear government-approved respiratory protection and eye and skin protection.

Failure to follow this warning can result in serious lung damage and/or physical injury.

Improper use can cause this tool to break apart and may cause injury to operators and bystanders.\*\*

\* For eye and face protection, see ANSI standard Z87.1

\*\* For further information on coated abrasive products, consult ANSI standard B7.7, "Safety Requirement for Abrading Material with Coated Abrasive Systems" Both are available from American Standard Institute, Inc., (212)642-4900

## SPECIFICATION

Motor RPM	Orbit Dia.	Air flow	Air Pressure	Weight	Pad Size
7,500	0.118 inch (3 mm)	5.3 SFM (150 LPM)	58.5 – 95.0 PSI (0.40 – 0.65 Mpa)	1.06 pounds (0.48 kg)	1.18 inch (30 mm)

## HOW TO HANDLE

- This tool is designed for repairing painted automobile bodies and parts as well as FRP (Fiber Reinforced Plastic) and wood. It should not be operated in water or in an excessive wet application.
- Check for loose screws and missing parts before operation.
- Connect air hoses after cleaning connecting part to reduce contamination from foreign objects, dust, sand, etc.
- During inspection of each part make sure to detach air hoses.
- When connecting air hoses with an air tool, do not squeeze the trigger.

- Do not throw the tool.
- Do not drag the tool while holding the air hose.
- Do not use the tool in a non-recommended application.
- Operation without lubricants will cause rapid wear on the motor and can lead to rotation failure.
- Prior to storing lubricate the tools at a low speed to spread oil inside the motor.
- Select a dry and safe place for storage.
- Frequent cleaning of air connections will reduce contamination of the motor.
- Abnormal noise or vibration during operation indicates an immediate need for tool repair.
- If repair is necessary notify sales office or repair center from where you purchased this tool regarding inspection and repair.
- Use only 3M-recommended replacement parts.

#### **PRIOR TO THE OPERATION**

- Keep the work area clean, orderly and free of obstacles.
- Inspect for loose parts (tool and attachment) prior to operation.
- Confirm that air pressure supply is at recommended pressure (95psi/0.65 MPa).
- When connecting to an air hose ensure a secure connection that will not loosen during operation.
- Center the abrasive on the backup pad.
- Press the abrasive securely into place.

#### **START AND STOP**

- Place the tool in contact with the work piece.
- Start the tool by pressing the lever/trigger lightly.
- Start the tool on the polishing plain during work.
- Slow the tool down before removing from the work piece.
- Remove tool at a 90 degree angle from the work piece.
- Detach air hose when the tool is not in use.
- Detach the tool from the air source when transporting.

#### **DURING OPERATION**

- Speed can be adjusted from low to high with the speed controller knob. Adjust the speed in accordance to the work being done.
- Do not apply excessive force to the tool. Excessive force can lead to inefficient tool performance and decrease tool life.

**Product Use:** All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the 3M product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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#### **Submitting a Warranty Claim**

Contact your dealer when submitting a warranty claim in accordance with the restrictions listed above. Please note that all warranty claims are subject to manufacturer's approval. Be sure to keep your sales receipt and Product Inspection Certificate in a safe place. These must be submitted when filing a warranty claim.

#### **Product Repair after Warranty Has Expired**

3M does not offer repair service for product out of warranty. Please contact your dealer for the repair parts listing. For Owner's manual and further technical information, visit: [www.3M.com/abrasives](http://www.3M.com/abrasives) and follow the instructions.

#### **3M Industrial Business Customer Response Center**

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