

Eastwood

DO THE JOB RIGHT.

Part #13742

PNEUMATIC NEEDLE SCALER

INSTRUCTIONS



Your **Eastwood Pneumatic Needle Scaler** is a heavy-duty professional quality tool ruggedly designed for many years of reliable service. It features a high-performance 4500 bpm (blows per minute) design for quick and efficient operation. Excellent for removing rust and corrosion from heavier castings and frame components.

WARNINGS

- Do not exceed 90 PSI of tool inlet air pressure. Permanent tool damage and or personal injury could occur.
- Do not force tool or exert side forces on tool as the body can suddenly kick back or twist causing severe hand or wrist injury. Air tool bits can also break with excessive side force causing them to shatter and eject sharp pieces at high velocity.
- Wear approved eye gear at all times when operating the tool for protection from possible ejected metal chips and shards which can be ejected at high velocity.
- Keep loose clothing, jewelry and long hair away from moving components as serious personal injury can occur.
- Always disconnect Scaler from air supply when changing needle assembly to prevent accidental tool starting and potential injury.
- Always make sure the workpiece being scaled is securely clamped or anchored to allow two handed operation of the tool.
- Avoid running the Needle Scaler freely without a work load or internal tool damage will occur.
- This tool emits a **high level of sound and vibration**. Wear adequate ear protection and sturdy work gloves while using.
- This tool generates dust and particles from the scaling process which can be damaging to the respiratory system. Wear appropriate respiratory protection.

SPECIFICATIONS

- BPM: 4500
- Air Consumption: 5 cfm [800 lm].
- Max. operating air pressure: 90 psi. [6.3 bar].
- Inlet thread size: 1/4" FNPT.
- Piston bore dia.: 0.75"

SET UP AND 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

- Place the needle cluster against work piece and depress trigger to actuate scaling. Always use two hands to control tool. **NOTE:** This tool emits a high level of sound and vibration. Wear adequate hearing and hand protection.
- Speed is regulated by pressure applied to the trigger.
- Avoid running the tool freely without a workload, permanent internal tool damage can occur.
- To remove the needle assembly, disconnect the air supply, loosen 3 recessed socket head screws, and then thread the scaler head off the body of the tool.
- To replace needle assembly, thread onto body of tool then tighten the 3 socket head set screws.

NEEDLE ASSEMBLY REPLACEMENT

- To remove the needle assembly, disconnect air supply, loosen 3 recessed socket head set screws, then thread the scaler head off the body of the tool.
- To replace needle assembly, thread onto body of tool then tighten the 3 socket heat set screws.

MAINTENANCE

- Add several drops of air tool oil before each use 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.

TROUBLESHOOTING

- Scaler doesn't respond to trigger depression:
 - Verify sufficient air supply to tool.
 - Check for moisture in air line and tool inlet.
- Scaler performance is slow or sluggish:
 - Verify sufficient air supply to tool.
 - Check for moisture in air line and tool inlet.
 - Stop use immediately and check for loose needle cluster.

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

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