Milton EX5005KIT

Milton EX5005KIT 50 Piece Professional Air Tool Kit User Manual

Model: EX5005KIT

Product Overview

The Milton EX5005KIT is a comprehensive 50-piece professional air tool and accessory kit designed for a wide range of applications, from DIY projects to industrial tasks. This kit provides essential pneumatic tools and accessories to help you efficiently complete various jobs requiring air power.



Figure 1: The Milton EX5005KIT in its retail packaging, showcasing the primary tools included.

Kit Contents

The EX5005KIT includes the following components:

- (1) ½” Air Impact Wrench
- (1) ⅜” Air Ratchet Wrench
- (1) ¼” Air Die Grinder
- (1) 0.4” Shank Air Hammer
- (1) Pistol Grip Blow Gun
- (1) Dual Air Chuck
- (1) Tire Gauge (50 PSI)
- (5) M-Style™ Male Plugs
- (1) M-Style™ Female Plug
- (2) Hand Wrenches
- (1) Chisel
- (1) Point
- (1) Spring Retainer
- (5) Grinding Stones

- (2) Sport Inflation Needles
- (6) ½” Drive SAE Impact Sockets (7/16”, ½”, 9/16”, 11/16”, ¾”, 1”)
- (1) 3” x 1/2” Socket Extension
- (1) ⅜” to ½” Socket Adaptor
- (1) Tapered Blow Gun Nozzle
- (1) Safety Blow Gun Nozzle
- (1) Rubber Blow Gun Nozzle
- (1) Bottle of Pneumatic Lubricating Oil
- (1) Roll of Pipe Threading Tape
- (10) Screwdriver Bits
- (1) Screwdriver Bit Holder
- (1) Screwdriver Bit Adapter



Figure 2: All 50 pieces of the EXELAIR air tool kit neatly organized within its durable storage case.

Setup

Before using any air tool, ensure you have a compatible air compressor capable of delivering the required CFM (Cubic Feet per Minute) and PSI (Pounds per Square Inch) for optimal tool performance. Refer to the specifications section for individual tool requirements.

1. **Air Supply Connection:** Connect your air hose to the tool's air inlet. Most tools in this kit use standard 1/4" NPT threads. Ensure a secure, leak-free connection.

2. **Lubrication:** Before first use and regularly thereafter, add a few drops of the included pneumatic lubricating oil into the tool's air inlet. This is crucial for tool longevity and performance.
3. **Accessory Attachment:** Attach the appropriate accessory (e.g., impact socket, grinding stone, chisel bit) securely to the tool. Ensure it is properly seated and locked in place if applicable.
4. **Safety Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves, when operating air tools.

Operating Instructions

½” Air Impact Wrench

The ½” Air Impact Wrench is designed for heavy-duty fastening and loosening tasks, offering significant torque for stubborn bolts and nuts.

- **Attachment:** Securely attach the desired ½” drive SAE impact socket to the square drive anvil.
- **Direction Control:** Use the forward/reverse selector switch (often located near the trigger or on the back of the tool) to choose the desired rotation direction.
- **Power Adjustment:** Some models feature a power adjustment dial (e.g., F1, F2, F3 for forward power levels) to control the output torque. Select an appropriate setting for your application.
- **Operation:** Press the trigger to operate the wrench. Apply steady pressure to the fastener.



Figure 3: The ½” Air Impact Wrench, a powerful tool for high-torque applications.



Figure 4: Close-up of the impact wrench's control dial, indicating forward (F) and reverse (R) settings, along with power levels (1, 2, 3).

⅜” Air Ratchet Wrench

The ⅜” Air Ratchet Wrench is ideal for working in confined spaces where a traditional impact wrench might not fit, providing quick fastening and loosening.

- **Attachment:** Attach the appropriate ⅜” drive socket to the ratchet head.
- **Direction Control:** Use the lever on the ratchet head to switch between forward and reverse rotation.
- **Operation:** Press the trigger to operate. The ratchet provides continuous rotation for efficient work.



Figure 5: The ⅜” Air Ratchet Wrench, designed for accessibility in tight areas.



Figure 6: Demonstrating the use of the air ratchet wrench in an automotive engine bay.

¼” Air Die Grinder

The ¼” Air Die Grinder is suitable for grinding, polishing, deburring, and shaping various materials using different grinding stones.

- **Attachment:** Insert the shank of the desired grinding stone into the ¼” collet and tighten securely with the included wrenches.
- **Operation:** Press the throttle lever to activate the grinder. Maintain a firm grip and apply light, even pressure to the workpiece.




EXELAIR™

Figure 7: The ¼" Air Die Grinder, ready for precision grinding and finishing tasks.

0.4" Shank Air Hammer

The Air Hammer is used for cutting, chipping, and scraping applications, particularly useful for automotive body work or breaking apart materials.

- **Attachment:** Insert the chisel or point bit into the hammer's chuck and secure it with the spring retainer.
- **Operation:** Position the bit against the material to be worked on. Press the trigger to activate the hammering action.



Figure 8: The 0.4" Shank Air Hammer, equipped with a chisel bit for material removal.

Pistol Grip Blow Gun

The Pistol Grip Blow Gun is used for clearing debris, drying surfaces, or inflating items with the appropriate nozzle.

- **Nozzle Attachment:** Attach one of the three included nozzles (tapered, safety, or rubber) as needed.
- **Operation:** Squeeze the trigger to release compressed air. Direct the airflow carefully.





Figure 9: The Pistol Grip Blow Gun, a versatile tool for various cleaning and inflation tasks.

Official Product Video

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Video 1: An official product video demonstrating the features and various tools included in the Milton EX5005KIT 50 Piece Professional Air Tool Kit, showcasing their application and ease of use.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your air tools. Follow these guidelines:

- **Daily Lubrication:** Add 5-10 drops of pneumatic tool oil into the air inlet of each tool before and after each use, or at least once daily if used frequently.
- **Air Filter:** Ensure your air compressor has a clean air filter to prevent contaminants from entering the tools.
- **Moisture Removal:** Regularly drain moisture from your air compressor tank to prevent rust and water damage to your tools.
- **Cleaning:** Keep tools clean and free of debris. Wipe down tools after use.
- **Storage:** Store tools in a dry, clean environment, preferably in their original case, to protect them from dust and damage.

Troubleshooting

Problem	Possible Cause	Solution
Tool not operating or low power	Insufficient air pressure/CFM; Lack of lubrication; Clogged air inlet; Worn internal parts.	Check compressor settings and hose connections; Add pneumatic oil; Clean air inlet; Consult professional for repair.
Air leaks	Loose fittings; Damaged O-rings/seals; Cracked housing.	Tighten all connections; Replace damaged O-rings/seals; Inspect tool for damage.
Excessive vibration	Loose accessories; Worn bearings; Imbalance.	Ensure accessories are securely attached; Professional inspection may be required.

Specifications

Component	Specification
½” Air Impact Wrench	350 ft. lbs. Max Torque; 6 CFM; 5.4 lbs. Weight
⅜” Air Ratchet Wrench	60 ft. lbs. Max Torque; 4 CFM; 160 RPM Max Load Speed
¼” Air Die Grinder	25,000 RPM Max Load Speed; 4 CFM; ¼” Collet
0.4” Shank Air Hammer	4,500 BPM; 6 CFM
Pistol Grip Blow Gun	8 CFM Air Consumption; 90 PSI
M-Style Plugs	1/4" NPT threads
Tire Gauge	50 PSI
Overall Kit Weight	Approximately 20 pounds
Country of Origin	China

Warranty and Support

This Milton EX5005KIT comes with a **3-Year Limited Warranty** on the tools. For detailed warranty information, claims, or

technical support, please refer to the official Milton website or contact their customer service.
You can also visit the official Milton store for more product information and support:Milton Store on Amazon.

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