

See Warranty on page 4 for important information about commercial use of this product.

Operating Instructions

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.



Air Pistol Metal Shears

Description

This professional air powered Pistol Shear is designed for cutting a variety of cold rolled, low-carbon steels up to 18-gauge thick. Never attempt to cut heat-treated, high carbon, spring steel or two thin sheets at once.

Unpacking

When unpacking this product, carefully inspect for any damage that may have occurred during transit.

Safety Guidelines

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols.

⚠ DANGER Danger indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠ WARNING Warning indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠ CAUTION Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

NOTICE Notice indicates important information, that if not followed, may cause damage to equipment.

General Safety

This product is part of a high pressure system and the following safety precautions must be followed at all times along with any other existing safety rules.

1. Read all manuals included with this product carefully. Be familiar with the controls and the proper use of the equipment.
2. Only persons well acquainted with these rules of safe operation should be allowed to use the air tool.



⚠ CAUTION Do not exceed the maximum operating pressure of the air tool (90 psi). This can reduce the life of the tool.

3. Do not exceed any pressure rating of any component in the system.
4. Disconnect the air tool from the air supply before changing tools or attachments, servicing, and during non-operation.

⚠ WARNING Safety glasses and ear protection must be worn during operation.



5. Do not wear loose fitting clothing, scarves, or ties. Loose clothing may become caught in moving parts and result in serious personal injury.
6. Do not wear jewelry when operating any tool. Jewelry may become caught in moving parts and result in serious personal injury.
7. Do not depress trigger when connecting the air supply hose.
8. Always use cutters designed for use with air powered tools. Do not use damaged or worn attachments.
9. Attachments must be securely attached. Loose attachments can cause serious injury.
10. Protect air lines from damage or puncture.
11. Never point an air tool at oneself or any other person. Serious injury could occur.
12. Check air hoses for weak or worn condition before each use. Make sure all connections are secure.

⚠ WARNING Release all pressure from the system before attempting to



install, service, relocate or perform any maintenance.

13. Keep all nuts, bolts and screws tight and ensure equipment is in safe working condition.
14. Do not put hands near or under moving parts.

⚠ WARNING Never use these shears to cut heat-treated, high-carbon, or spring steel. Personal injury can occur if air tool is used on these steels. Always wear gloves when using this tool to prevent injuries from sharp edges or metal shavings.

CALIFORNIA PROPOSITION 65

⚠ DANGER You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.



⚠ WARNING Excessive exposure to vibration, working in awkward positions and repetitive work motions can cause injury to hands and arms. Stop using any tool if discomfort, numbness, tingling or pain occur and consult a physician.

Assembly

SYSTEM SETUP

PLEASE REFER TO AIR TOOL AND SPRAY GUN SET-UP (IN170102AV) FOR AIR SYSTEM HOOK-UP INSTRUCTIONS.

Using fittings or air hoses which are too small can create a pressure drop which will result in a loss of power in the tool.

NOTE: Do not install a quick coupler set between the tool and whip hose. Ensure tool is not connected to air supply then place tool upside down on workbench.

REMINDER: Keep your dated proof of purchase for warranty purposes! Attach it to this manual or file it for safekeeping.

Assembly (Cont.)

AIR TOOL SETUP

Use of 3/8" fittings with 1/4" NPT threads is recommended. Most compressors are shipped with a short, 1/4" I.D. hose. For proper performance and more convenience, use a 3/8" I.D. hose. Hoses longer than 50 feet should be 1/2" I.D.

AWARNING *Never carry a tool by the hose or pull the hose to move the tool or a compressor. Keep hoses away from heat, oil and sharp edges. Replace any hose that is damaged, weak or worn.*

Pre-Operation

LUBRICATION

Air tools require lubrication throughout the life of the tool. Proper lubrication is the owner's responsibility. Use Campbell Hausfeld airtool oil (Part No. ST127000AV) to lubricate, clean and inhibit rust in one step. Failure to lubricate and maintain the air tool properly will dramatically shorten the life of the tool and will void the warranty.

AIR MOTOR LUBRICATION

CAUTION *This air tool requires lubrication before initial use and before and after each additional use.*

1. Disconnect tool from air supply.
2. Turn shears upside down.
3. While pulling the trigger, pour a teaspoon of Campbell Hausfeld oil in the air inlet.

AWARNING *Cover exhaust port with a towel before applying air pressure. Oil will discharge through the exhaust port during the first few seconds of operation after an airtool has been lubricated. Failure to cover exhaust port can result in serious injury.*

4. Release trigger and connect air tool to air supply. Cover exhaust port with a towel then run air tool for 20 to 30 seconds. Oil will discharge

from the exhaust port when air pressure is applied. Continue to run the shears until no oil is discharged. Wipe all residual oil off of tool before use.

CAUTION *Always wear gloves when using this tool to prevent injuries from sharp edges or metal shavings.*

Operation

1. Loosen head locking screw (see Figure 1) and rotate cutting head to desired position. Retighten screw before use.
2. Use a 3/8" I.D. hose (or larger) to connect the tool to an air supply. Regulate air pressure to tool at 90 psi while the tool is running free.
3. Press the trigger to start the cutter action (See Figure 1).
4. Position the cutter on the edge of the material to be cut.
5. Apply constant forward motion, but do not apply excessive force or turn in either direction abruptly. The cutter will break.
6. Always keep the tool running when backing out from a cut. The cutter will jam and break if the tool is not kept running.
7. Release the trigger and disconnect the air supply when you change cutters or are finished with the tool.

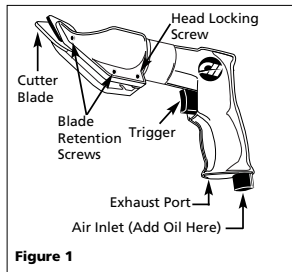


Figure 1

Maintenance

BLADE REPLACEMENT

1. Obtain a genuine Campbell Hausfeld blade kit by calling toll-free 1-800-543-6400 or visiting www.chpower.com.
2. Remove blade retention screws (see Figure 1).
3. Remove blades, noting their orientation and spacer placement.
4. Reassemble in reverse order.

STORAGE

Lubricate air tool before storing. Follow lubrication instructions in Pre-Operation section with an exception to Step 4. Run tool for only 2 to 3 seconds so more oil will remain in air tool for storage.

Technical Service

For information regarding the operation or repair of this product, please call 1-800-543-6400.

Replacement Parts Information

For information regarding where to order replacement parts, call toll free 1-800-543-6400.

Please provide the following information:

- Model number
- Stamped code
- Part number and description

Address parts correspondence to:

Campbell Hausfeld
100 Production Drive
Harrison, Ohio 45030 U.S.A.

Troubleshooting Chart

Symptom	Possible Cause(s)	Corrective Action
Tool runs slowly or will not operate	1. Grit or gum in tool	1. Flush the tool with Campbell Hausfeld air tool oil, gum solvent, or an equal mixture of SAE 10 motor oil and kerosene. If Campbell Hausfeld oil is not used, lubricate the tool after cleaning
	2. No oil in tool	2. Lubricate the tool according to the lubrication instructions in this manual
	3. Low air pressure	3. Adjust the compressor regulator to 90 psi maximum while the tool is being triggered
	4. Air hose leaks	4. Tighten and seal hose fittings if leaks are found
	5. Pressure drops	5a. Be sure the hose is the proper size. Long hoses or tools using large volumes of air may require a hose with an I.D. of 1/2" or larger depending on the total length of the hose 5b. Do not use a multiple number of hoses connected together with quick connect fittings. This causes additional pressure drops and reduces the tool power. Directly connect the hoses together
Moisture blowing out of tool	1. Water in tank	1. Drain tank. (See air compressor manual). Oil tool and run until no water is evident. Oil tool again and trigger gun
	2. Water in the air lines/ hoses	2a. Install a water separator/filter. NOTE: Separators only work properly when the air passing through the separator is cool. Locate the separator/filter as far as possible from the compressor 2b. Install an air dryer
Will not cut	1. Worn blade	1. Replace cutting blades
	2. Misaligned blades	2. Align side blades with one side blade offset from the other

Limited Warranty

1. **DURATION:** From the date of purchase by the original purchaser as follows: Standard Duty Products - One Year, Serious Duty Products - Two Years, Extreme Duty Products - Three Years.
2. **WHO GIVES THIS WARRANTY (WARRANTOR):** Campbell Hausfeld / Scott Fetzer Company, 100 Production Drive, Harrison, Ohio, 45030, Telephone: (800) 543-6400
3. **WHO RECEIVES THIS WARRANTY (PURCHASER):** The original purchaser (other than for purposes of resale) of the Campbell Hausfeld product.
4. **WHAT PRODUCTS ARE COVERED BY THIS WARRANTY:** Any Campbell Hausfeld nailer, stapler, air tool, spray gun, inflator or air accessory supplied or manufactured by Warrantor.
5. **WHAT IS COVERED UNDER THIS WARRANTY:** Substantial defects in material and workmanship which occur within the duration of the warranty period.
6. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**
 - A. Implied warranties, including those of merchantability and FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION. If this product is used for commercial, industrial or rental purposes, the warranty will apply for ninety (90) days from the date of purchase. Some States do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you.
 - B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD PRODUCT. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
 - C. Any failure that results from an accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with product. Accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions shall also include the removal or alteration of any safety devices. If such safety devices are removed or altered, this warranty is void.
 - D. Normal adjustments which are explained in the owner's manual(s) provided with the product.
 - E. Items or service that are normally required to maintain the product, i.e. o-rings, springs, bumpers, debris shields, driver blades, fuses, batteries, gaskets, packings or seals, fluid nozzles, needles, sandblast nozzles, lubricants, material hoses, filter elements, motor vanes, abrasives, blades, cut-off wheels, chisels, chisel retainers, cutters, collets, chucks, rivet jaws, screw driver bits, sanding pads, back-up pads, impact mechanism, or any other expendable part not specifically listed. These items will only be covered for ninety (90) days from date of original purchase. Underlined items are warranted for defects in material and workmanship only.
7. **RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY:** Repair or replace, at Warrantor's option, products or components which are defective, have malfunctioned and/or failed to conform within duration of the warranty period.
8. **RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:**
 - A. Provide dated proof of purchase and maintenance records.
 - B. Deliver or ship the Campbell Hausfeld product or component to the nearest Campbell Hausfeld Authorized Service Center. Freight costs, if any, must be borne by the purchaser.
 - C. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).
9. **WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY:** Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.

This Limited Warranty applies in the United States, Canada and Mexico only and gives you specific legal rights. You may also have other rights which vary from state to state or country to country.