



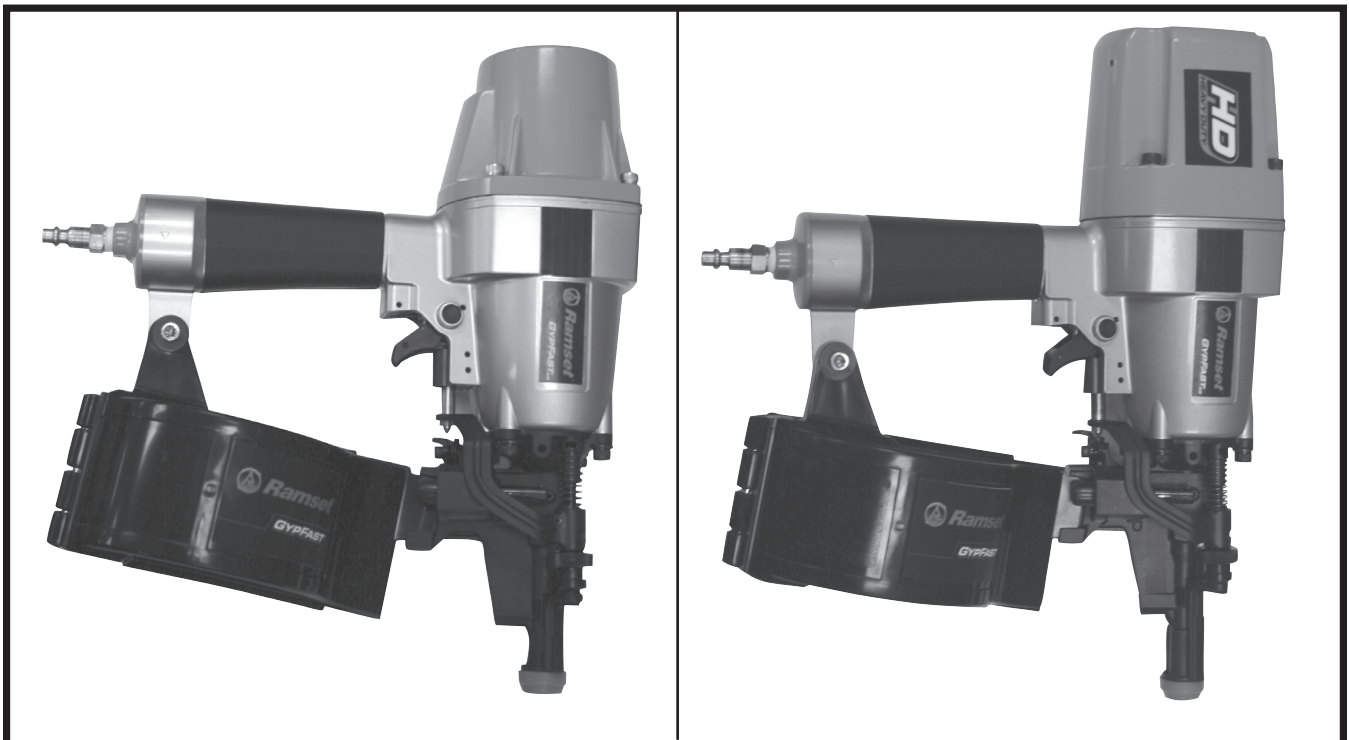
DANGER



**READ AND OBEY ALL SAFETY AND OPERATING
INSTRUCTIONS BEFORE OPERATING TOOL.**



**RAMSET GYPFAST AIR
and GYPFAST AIR HD
OPERATOR'S SAFETY & OPERATING
INSTRUCTION MANUAL**



**PNEUMATIC FASTENER DRIVING TOOL FOR ATTACHING
SHEATHING TO LIGHT GAUGE STEEL FRAMING**

TABLE OF CONTENTS / INTRODUCTION ---

Introduction	2
Safety Precautions	3
Specifications	4
Air Systems	4
Tool Loading	5
Tool Operation	5
Maintenance	6
Warranty	7

Introduction

Congratulations on purchasing a Ramset pneumatic tool.

A Ramset tool is a professional quality tool that combines power and speed in a lightweight design for versatile operation in a variety of industrial and construction applications.

Please take the time to review this entire manual and all other documentation that came with the tool. They will help you to become familiar with operating a power fastening tool. Be sure to read the safety instructions carefully before using your new tool. Also read Ramset's warranty statement in the back of this manual.

Even though Ramset is a leader in the power fastening business, we continually strive to find new and better ways of improving our products. That is a commitment we're made to our most important asset: you the customer.

The information in this manual is considered accurate at time of publication.

TABLE OF CONTENTS / INTRODUCTION ---

WARNING: When using pneumatic tools, basic precautions should always be followed to reduce the risk of personal injury.

WEAR EYE AND HEARING PROTECTION.

Always wear hearing and eye protection devices when you are operating the GypFast Air, Air HD tool or working in the vicinity of this tool. Also, your eye protection must meet the requirement of ANSI Standard Z87, and should have side shields for increased protection.

CONNECTION TO THE SUPPLY OF ENERGY

Never, under any circumstances, connect the tool to an Oxygen, Air or Gas cylinder or bottle of any description. **FAILURE TO OBSERVE THIS IS EXTREMELY DANGEROUS AND COULD RESULT IN A SERIOUS EXPLOSION.**

Use only clean dry regulated compressed AIR from a COMPRESSOR.

CHECK that the air pressure of the compressor does not exceed the maximum working pressure indicated on the tool.

FASTENERS

Only fasteners made or approved by Ramset are to be used in this tool. Use of fasteners not approved by Ramset may cause jamming, serious damage to the tool, and could be hazardous. Fasteners are steel, bugle head collated nails in a plastic coil. The range of nails driven are lengths of 1" (25mm), 1-1/2" (38mm), 2" (50mm) and 2-1/2" (63mm).

SAFETY WHEN USING THE TOOL

Check before commencing to use the tool that the safety and triggering mechanism is functioning properly, and that all nuts and bolts are tight.

NEVER CARRY THE TOOL WITH THE TRIGGER PULLED BECAUSE YOU MAY UNINTENTIONALLY ACTUATE THE SAFETY SYSTEM WITH THE RESULT THAT A FASTENER MAY BE DRIVEN INTO YOU OR A CO-WORKER.

- **DO NOT use or handle the tool other than in the manner specified.**
- **DO NOT disassemble or make inoperative any part of the tool, such as the safety yoke.**
- **DO NOT operate a tool if the safety system sticks, binds or is disconnected, or defective in any way.**
- **DO NOT modify this tool, or use any modified tool other than a factory approved model.**
- **DO NOT use a malfunctioning tool. If a tool is not operating properly have it repaired by qualified service personnel.**
- **DO NOT point the tool at yourself or anyone else, whether it contains fasteners or not.**

TO PREVENT UNINTENTIONAL TOOL OPERATION

ALWAYS DISCONNECT THE TOOL FROM THE AIR LINE WHENEVER:

- **The tool is left unattended.**
- **Maintenance or repairs are to be preformed on the tool.**
- **Clearing a jam.**
- **Moving the tool to another location.**

To avoid personal injury to yourself, or others, obtain training in safe tool operation, and read this instruction manual before using the tool.

Repairs to the tool must be performed by qualified service personnel only. Use only Ramset authorized parts for repair or replacement. If you have any questions about safe tool operation, contact your local Ramset sales person.

SPECIFICATIONS / AIR SYSTEMS

SPECIFICATIONS

Tool Type:	Coil Nailer
Dimensions (H x L x W):	12" (303mm) x 13" (329mm) x 5.5" (137mm)
Weight w/out Nails (GYPFASTAIR):	5.8 lbs (2.6 kg)
Weight w/out Nails (GYPFASTAIRHD):	6.2 lbs (2.8 kg)
Activation Mode:	Contact / Sequential
Energy Source:	Compressed Air
Maximum Permissible Pressure:	120 PSI (8.27 bar)
Recommended Operation Range:	71 to 113 PSI (4.9 to 7.8 bar)
Magazine Capacity:	150 nails
Air Consumption (GYPFASTAIR):	2.6 Liter per stroke at 100 PSI (6.9 bar)
Air Consumption (GYPFASTAIRHD):	2.8 Liter per stroke at 100 PSI (6.9 bar)

AIR SYSTEMS

OPERATING AIR PRESSURE

The correct operating air pressure is the lowest compressed air setting that will do the job. Using the tool at a higher pressure than required wastes air, and over stresses the tool. Start at 90 p.s.i. and adjust the air pressure up or down as required. **OPERATING AIR PRESSURE MUST NOT EXCEED 120 P.S.I. WHICH IS THE MAXIMUM PRESSURE RATING FOR THE TOOL.**

AIR LINE LUBRICANTS

The following lubricants are recommended for use in the air line lubricator. Above 0C (32°F) use a non-detergent S.A.E. No. 20 commercially available air tool oil. Below 0°C use a mixture of non-detergent S.A.E. No. 10, 1 part to three parts ethylene glycol automotive anti-freeze, certified as being compatible for use with aluminum. It should **NOT** contain any anti-leak additives.

Placing a few drops of non-detergent oil in the tool air inlet before each use is beneficial. This is intended to supplement an air line lubricator, not to replace its use.

NEVER use a detergent type oil, ie. motor engine oil, sewing machine oil, etc. Use of these types of oils may cause deterioration to the O-rings and cause them to swell. This in turn may cause the tool to malfunction and create a safety hazard.

TOOL HOSE CONNECTIONS & AIR HOSE REQUIREMENTS

Air supply hoses must have a minimum working pressure rating of 150 p.s.i. Use a good quality hose, with a minimum i/d bore of 8mm (5/16"). The air inlet fitting at the rear of the handle is threaded to accept a male 1/4-18 NPT nipple. Ensure a quick release air coupling and nipple are used. The air shut-off coupling (female) must be connected to the AIR SUPPLY. The NIPPLE must be connected to the TOOL, so that air cannot be trapped in the tool when released from the air supply.

AIR FILTER/REGULATOR/LUBRICATOR

An air filter, pressure regulator, and lubricator must be included in the air system for proper tool operation.

The Filter: will prevent excessive tool wear by trapping scale, dirt and water.

The Regulator: is very important as it sets the correct air pressure for the tool. A regulator positioned close to the tool assures proper and economical operation.

The Lubricator: replaces the heavy duty lubrications used in routine maintenance, and injects an oil mist into the tool's air supply. This greatly assists tool life.

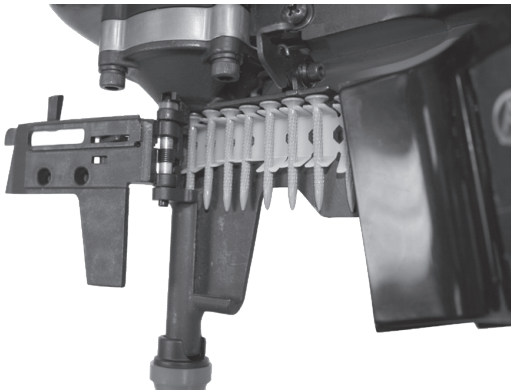
SPECIFICATIONS / AIR SYSTEMS

TOOL LOADING

LOADING AND UNLOADING NAILS

1. Lay the tool on its right side, exposing the gate latch.
2. Unlatch and open the gate. Swing open the magazine cover.
3. Uncoil 3" of nails.
4. Guide the first nail into the drive raceway while placing the coil of nails into the magazine.
5. Close the magazine and gate and you are now ready to start driving nails.

To unload nails from a tool, first tear off excess collation sticking out the front of the tool. Unlatch and open the gate to remove the rest of the coil.



TOOL OPERATION

OPERATION OF TOOL

This tool is equipped with a safety yoke, which must be pushed to the work surface for the tool to operate when the trigger is actuated. Two methods of tool actuation are:

1. **Single Shot Operation.** This method of operating the tool is used when precise fastener location is more important than speed of operation. Press the safety yoke against the work surface, then pull the trigger to drive the fastener.
2. **Bump Fire or Contact Operation.** This method of operating the tool is used when speed of operation is more important than precise fastener location. Pull and hold the trigger, then strike the safety yoke against the work surface where the fastener is to be driven. Repeat this action as rapidly as required.



TO PREVENT UNINTENTIONAL TOOL OPERATION AND POSSIBLE INJURY TO YOURSELF OR ANYONE IN THE WORKING AREA, BE SURE TO RELEASE THE TRIGGER AS SOON AS YOU HAVE FINISHED DRIVING FASTENERS.

NEVER PRESS THE SAFETY YOKE AGAINST ANY OBJECT EXCEPT THE MATERIAL TO BE FASTENED.

As the nails are being driven, the leftover collation is fed through the nose of the tool. As collation accumulates, it can be torn off by twisting and pulling down on the collation. Keep your finger off the trigger when performing this procedure.

MAINTENANCE

COLD WEATHER OPERATING PRECAUTIONS

Keep the tool in a warm area until you are ready to use it. If the tool is already cold, bring it into a warm area, and allow it to warm up before using it.

If you must use the tool in cold conditions, drive several fasteners into a scrap piece of wood at the lowest air pressure at which the tool will operate. Gradually increase the air pressure while continuing to drive fasteners until the desired operating pressure is reached.

DO NOT OPERATE THE TOOL WHEN IT IS COLD UNLESS FASTENERS ARE BEING DRIVEN INTO A WORK SURFACE.

JAMMING

Damage to parts and/or excessive accumulation of dirt are principle causes of jams. If a jam should occur, proceed as follows:

1. Disconnect the tool from the air hose.
2. Open the magazine, and remove all fasteners. Jammed fasteners should be clearly visible; check inside the nose for wedged fasteners and remove.
3. Clean the magazine, nose and all associated parts.
4. If the tool continues to jam, or you cannot clear a particularly difficult jam, have it serviced by an Authorized Ramset distributor.

EXTERNAL CLEANING

The external parts may be cleaned as follows:

1. Disconnect the tool from the air hose.
2. Open the magazine and remove all fasteners.
3. Remove all dirt and grit from the magazine and nose of the tool.
4. Clean the outside of the tool using a soft cloth and a mild degreasant like paraffin.

CAUTION: Never use highly volatile solvents such as gasoline to clean the tool. Do not allow any solvent to enter the interior of the tool.

Solvent may cause O-rings to deteriorate, and possible swell, causing a tool malfunction, and creating a possible safety hazard.

5. **Important:** It is extremely important for safety reasons that all dirt and foreign materials be removed from around the safety yoke, and the safety yoke compression spring. The safety yoke must be free to move in and out without sticking or binding. The spring must positively return the safety yoke to its starting position whenever the safety yoke is released from being held in its position.

EXTERNAL LUBRICATION

Lubricate the area where the safety yoke slides with General Electric Company "VERSILUBE" silicone lubricating grease G-322L or an equivalent.

MALFUNCTIONS

Be alert for tool problems. A malfunctioning tool must be immediately removed from use and not used again until it has been repaired by a qualified service person. Operating a tool with the following malfunctions is unsafe. The following list is not all inclusive.

1. Safety yoke sticks or binds along its vertical path of travel.
2. Trigger sticks or binds.
3. Air leaks from the tool. Some air leaks affect safety, other do not – be safe and assume that any air leaks affects safety. Stop using the tool, and have it repaired.

SERVICE AND REPAIR

Except as specifically described in other sections of this manual, this tool must not be disassembled, serviced, repaired, or reassembled by anyone except qualified service personnel. Incorrect servicing, repairs and assembly of this tool may result in serious injury to the user and/or damage to the tool. Please contact your local Ramset sales person, or authorized Distributor for assistance and repair.

MAINTENANCE

RAMSET AIR TOOL SYSTEMS WARRANTY AND LIMITATIONS

Ramset warrants that new GypFast Air and Air HD systems power fastening tools, parts and accessories will be free from defects in material and workmanship for the period shown below.

TWO-YEAR WARRANTY

A two-year warranty will apply to all parts, except those listed below as normal wearing parts, or parts which are specifically covered by an extended warranty.

SIX-MONTH WARRANTY

A six-month warranty applies to the following parts, which are considered normal wearing parts:

- Bumper
- Piston Assembly
- O-Rings
- Piston Rings

The warranty period is based off of tool build date, determined from the tool serial number. Ramset may extend the warranty time frame from the date of purchase with a qualifying document proving date of purchase.

WARRANTY STATEMENT

Ramset's sole liability hereunder will be to replace any part or accessory which proves to be defective within the specific time period. Any replacement part or accessory provided in accordance with this warranty will carry a warranty for the balance of the period of warranty applicable to the part it replaces. This warranty does not apply to part replacement required due to normal wear.

This warranty is void as to any tool which has been subjected to misuse, abuse, accidental or intentional damage, use with fasteners not meeting Ramset specification, size, or quality, improperly maintained, repaired with other than genuine GypFast Air and Air HD replacement parts, damaged in transit or handling, or which, in Ramset's opinion, has been altered or repaired in a way that affects or detracts from the performance of the tool.

Ramset MAKES NO WARRANTY, EXPRESSED OR IMPLIED, RELATING TO MERCHANTABILITY, FITNESS, OR OTHERWISE, EXCEPT AS STATED ABOVE and the liability AS STATED ABOVE AND AS ASSUMED ABOVE is in lieu of all other warranties arising out of, or in connection with, the use and performance of the tool, except to the extent otherwise provided by applicable law.

Ramset SHALL IN NO EVENT BE LIABLE FOR ANY DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO DAMAGES WHICH MAY ARISE FROM LOSS OF ANTICIPATED PROFITS OR PRODUCTION, SPOILAGE OF MATERIALS, INCREASED COST OF OPERATION OR OTHERWISE.

Ramset reserves the right to change specifications, equipment, or designs at any time without notice and without incurring obligation.

**FOR TOOL REPAIR SERVICE CONTACT YOUR LOCAL
AUTHORIZED RAMSET DISTRIBUTOR OR TO FIND
YOUR NEAREST RAMSET TOOL REPAIR CENTER
VISIT OUR WEB SITE AT WWW.RAMSET.COM
OR CALL 800-241-5640**



**Concrete Fastening Systems
Glendale Heights, IL 60139
800-RAMSET6 (1-800-726-7386)
www.ramset.com**

**Buy with Confidence...
Buy From Your Authorized Distributor**

**AN ILLINOIS TOOL WORKS COMPANY
© ILLINOIS TOOL WORKS 2009**