



GYP-FAST
AIR™

The main product logo, featuring the text 'GYP-FAST' in a large, bold, italicized font with a double outline, and 'AIR™' in a smaller, bold, sans-serif font below it. The logo is underlined with two thick, parallel horizontal lines.

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

PART NO. 2409910

Operators Manual

INTRODUCTION

Congratulations on purchasing a Buildex pneumatic tool. You have made a wise choice!

A Buildex 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 Buildex's warranty statement in the back of this manual.

Even though Buildex 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've made to our most important asset: our customer.

TABLE OF CONTENTS

Introduction	1
Safety Precautions	2
Technical Data	2
Air Systems	3
Tool Operation	3
Tool Loading	3
Maintenance	4
Tool Warranty	5

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

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

SAFETY PRECAUTIONS

EYE PROTECTION

To avoid serious eye injury, approved eye protection should be worn by the tool operator, and everyone in the vicinity of the tool. Use approved safety glasses with side shields, goggles, or wide-vision safety shield over prescription glasses.

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 Buildex are to be used in this tool. Use of fasteners not approved by Buildex 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 1/2" (38mm), 2" (50mm) and 2 1/2" (63mm).

HEARING PROTECTION

Hearing protection should be used to avoid hearing loss from high noise levels.

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 & bolts are tight.

NEVER CARRY THE TOOL WITH THE TRIGGER OPERATED 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 AIRLINE WHENEVER:

- **The tool is left unattended.**
- **Maintenance or repairs are to be performed 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 Buildex authorized parts for repair or replacement. If you have any questions about safe tool operation, contact your local Buildex sales person.

TECHNICAL DATA

Tool Type	Coil nailer
Dimensions (H x L x W)	12" (303mm) x 13" (329mm) x 5.5" (137mm)
Weight without fasteners	6.2 lbs. (2.8kg)
Activation mode	Contact/sequential
Energy source	Compressed air
Maximum permissible pressure	120 P.S.I. (98.3 bar)
Recommended operating pressure range	71-113 P.S.I. (4.9-7.8 bar)
Load capacity	150 nails
Air consumption	2.6 L/ stroke at 100 P.S.I. (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.**

AIRLINE LUBRICANTS

The following lubricants are recommended for use in the airline lubricator. Above 0°C (32°F) use a non-detergent S.A.E. No. 20 oil i.e. Century Cheviot A. 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, i.e. motor engine oil, sewing machine oil, etc. Use of these types of oil 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 lubricants used in routine maintenance, and injects an oil mist into the tool's air supply. This greatly assists tool life.

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 1-2" 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 a plastic collated tool, first tear off excess nail carrying tape from the front of the tool; then follow steps 1 to 3 under the heading "Jamming".

TOOL OPERATION

OPERATION OF TOOL

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

1. Trigger Operation. This method of operating the tool is used when precision fastener location is more important than speed of operation. Press the safety yoke against the workplace, then press the trigger to drive the fastener.
2. Touch Trip or Contact Actuation. This method of operating the tool is used when speed of operation is more important than precision fastener location. Pull and hold the trigger then strike the safety yoke against the workpiece 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 plastic nail carrying tape is fed from the front of the tool. As excess plastic tape accumulates, it may be torn off by twisting and pulling the tape downward. Before conducting this procedure, release the trigger.

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 WORKPIECE.

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 the rear of 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 Buildex 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. Solvents may cause O-rings to deteriorate, and possibly swell, causing a tool to 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 areas 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 withdrawn from use and not used again until it has been repaired by a qualified service engineer. Operating a tool with the following malfunctions is unsafe. The following list is representative only, and not all inclusive.

Safety yoke sticks or binds along its vertical path of travel.

Trigger stick or binds.

Air leaks from the tool. Some air leaks affect safety, others do not - be safe and assume that any air leak 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 Buildex sales person, or authorized Distributor for assistance and repair.

TOOL WARRANTY



1349 West Bryn Mawr Avenue
Itasca, Illinois 60143

TOOL WARRANTY AND LIMITATIONS

Buildex warrants that newly purchased power fastening tools, parts and accessories will be free from defects in material and workmanship (excluding wear parts) for the period shown below, after the date of delivery to the original user.

A one year warranty will apply to all housing and cap assembly castings.

NORMAL WEARING PARTS

The following parts are considered normal wearing parts and are not under warranty:

- Bumper
- Driver Blades
- O-Rings
- Piston Rings

WARRANTY STATEMENT:

ITW Buildex'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 to any tool which has been subjected to misuse, abuse, accidental or intentional damage, use with fasteners, fuel, batteries, or battery chargers not meeting ITW Buildex's specification, size, or quality, improperly maintained, repaired with other than genuine Authorized ITW Buildex replacement parts, damaged in transit or handling, or which, in ITW Buildex's opinion has been altered or repaired in a way that affects or detracts from the performance of the tool.

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

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



1349 West Bryn Mawr Avenue
Itasca, Illinois 60143
630-595-3500 Fax: 630-595-3549
1-800-BUILDEX
www.itwbuildex.com

Printed in U.S.A.
©2003 Illinois Tool Works Inc.