

Instruction Manual

PICTURE FRAMING

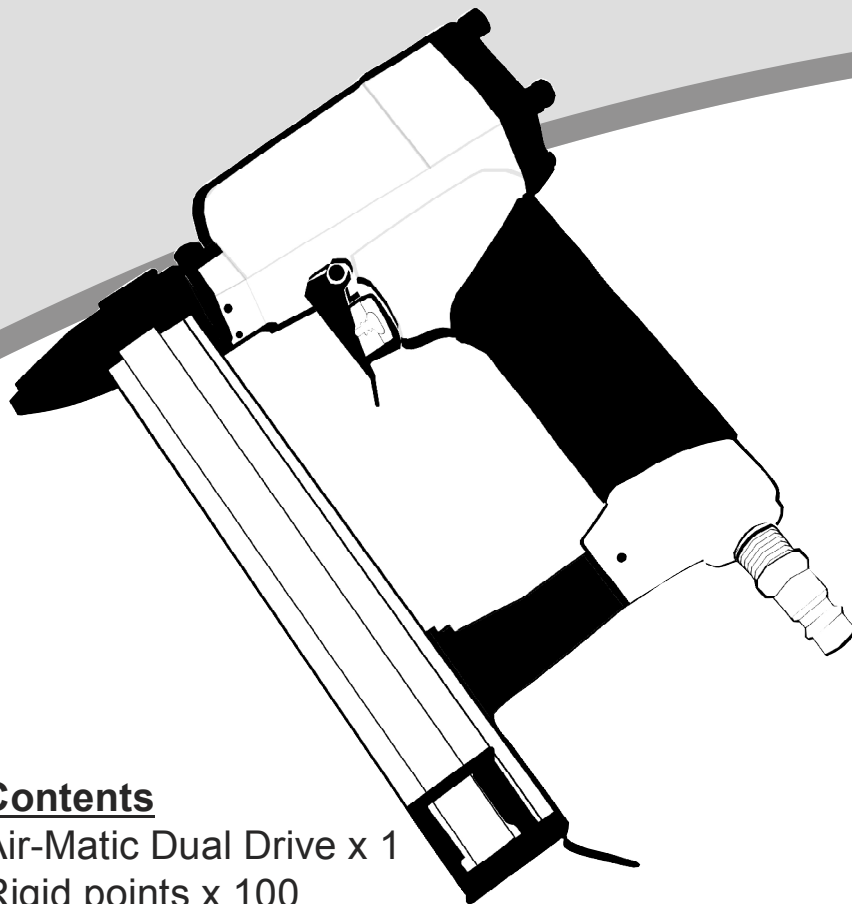
Model F500-4



Tools for Art Tools for Life

www.logangraphic.com

Air-Matic Dual Drive Point Driver



Contents

Air-Matic Dual Drive x 1
Rigid points x 100
Flexible points x 100

Supplies needed-

- ♦ Any air compressor producing between 50 and 100 psi
- ♦ Air hose with 1/4" standard NPT male plug fittings or quick release coupler
- ♦ Regulator/lubricator (optional)

Description

The model F500-4 Air-Matic Dual Drive Point Driver is designed to quickly drive either rigid or flexible points pneumatically using a common air compressor at 52 psi.

Only Use Logan Points

F53 Flex point 600 pc pack
F54 Rigid point 600 pc pack
F55 Flex point 2,500 pc pack
F56 Rigid point 2,500 pc pack



L502 09/18

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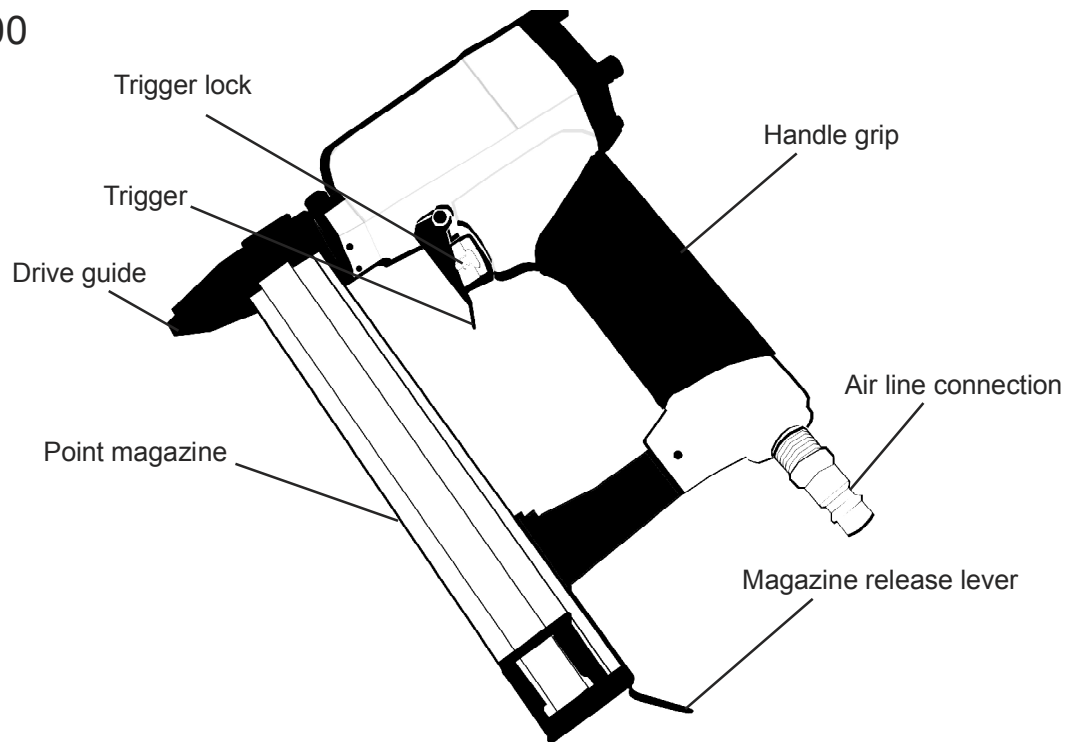


Contents

Air-Matic Dual Drive x 1

Rigid points x 100

Flexible points x 100



Before you use your F500-4 Air-Matic Dual Drive Point Driver.....

- ♦ Always use safety glasses when operating the Air-Matic Dual Drive.
- ♦ Keep children away from air tools.
- ♦ Never point the Air-Matic at yourself or anyone.
- ♦ Do not operate the trigger when there are no points in the magazine.
- ♦ Always use clean, dry air only. Do not use compressed gases of any kind.
- ♦ Always use a regulator usually found on the air compressor at roughly 50 psi.
- ♦ Do not exceed maximum psi or permanent damage to the tool can occur.
- ♦ Engage the trigger lock mechanism anytime the tool is attached to an airline but not being used.
- ♦ Always disconnect the air line before performing any maintenance or when loading more points.
- ♦ Only use Logan replacement points.

Operating Instructions

Loading Points before attaching the air line

1. Use the metal tab lever at the rear of the magazine to release and open the magazine loading slot. (**Fig 1**)
2. Insert full stacks of Logan points with the point side down. (**Fig 2**)
3. Slide the magazine back until it locks and is properly closed.

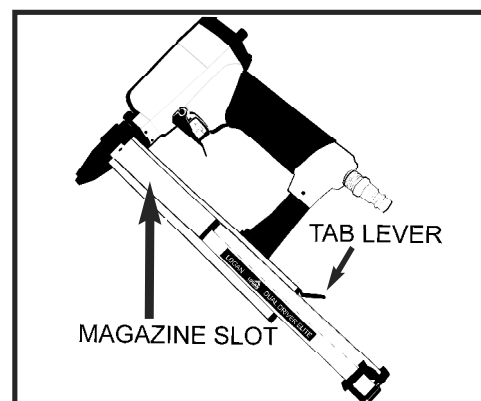


Fig 1

Attach the air line

Connect a suitable air line (not included) to the air supply nipple using a quick release attachment. (**Fig 3**)

See that the compressor you are using has its regulator set to 50 psi (3.5 bar) for use on soft woods. Hardwood may require more air pressure but do not exceed 100 psi (7 bar).

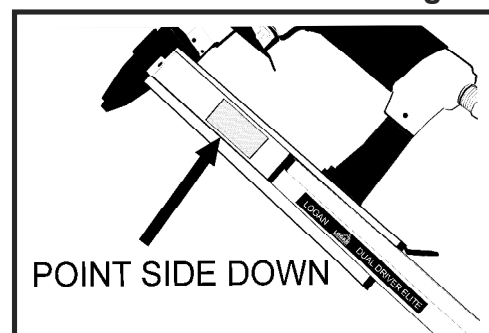


Fig 2

Using the Air-Matic Dual Drive

Always wear safety glasses when using the Air-Matic Dual Drive

1. Place the framed art face down on a flat surface.
See that the frame is braced in position so it cannot slide.
NEVER PLACE YOUR HAND NEAR THE NOSE OF THE TOOL TO HOLD THE FRAME IN PLACE
2. Rest the nose of the tool against the rabbet of frame with the tool inverted as shown. (**Fig 4**)
3. Pull the trigger to fire a single point. Immediately release the trigger after each point.

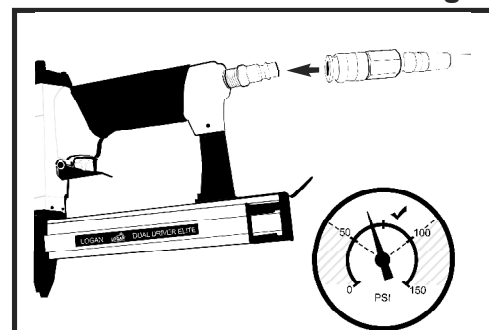


Fig 3

NOTE

The drive of the point is dependent on the psi of the compressor.

Increase psi to drive deeper into harder woods.
DO NOT EXCEED 100 PSI (7 bar)

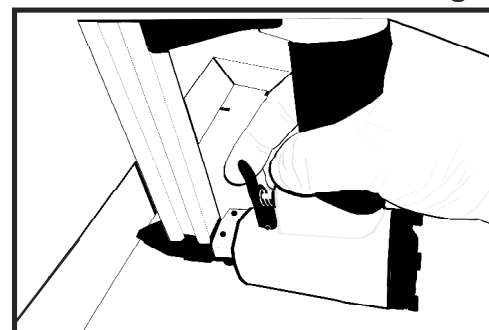


Fig 4

Trigger Lock

Engage the safety trigger lock when not in use but connected to an air line. (**Fig 5**)

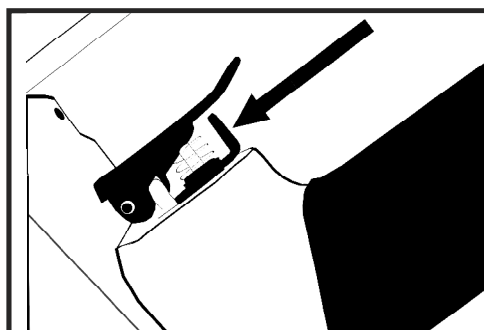


Fig 5

Maintenance

Always disconnect the Air-Matic Dual Drive from its air source when not in use.

If you are not using a lubricator on your compressor, add a single drop of air tool lubricant or 3 in 1 oil into the air line nipple once daily before each use. Do not exceed a single drop of oil. Do not use detergent oil. Safely test fire the tool after lubricating to move the oil through pneumatic system.

If a point gets stuck or jammed then first **disconnect the air supply**, take off the cover plate and remove any jammed points. Re-install the cover plate.

Troubleshooting

Problem	Possible Cause	Correction
Air leak or excessive hissing sound.	Loose body screws or bad airline connection.	Check and tighten any loose screws on the body assembly
Driver does not fire or does not fire points deep enough.	Inadequate air pressure or lubrication	Check all connections, check for proper compressor psi, add single drop of oil into the air line nipple
Points jamming	Not using authentic Logan points, loose body screws on the tool, foreign debris in the magazine	Insure you are using authentic Logan points. Tighten any loose screws on the body assembly. Disconnect air and inspect the inside of the magazine for bent or jammed points or debris
Points not inserting far enough into harder woods	Insufficient psi from compressor	Gradually increase compressor psi for desired insertion. Do not exceed 100 psi
Trigger will not move	Trigger lock engaged	Disengage trigger lock

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