

## Duo-Fast SURESHOT 5020

# Duo-Fast 5020 SureShot 1/2" Crown Air Stapler Instruction Manual

Model: SURESHOT 5020

## 1. INTRODUCTION

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This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your Duo-Fast 5020 SureShot 1/2" Crown Air Stapler. Please read this manual thoroughly before using the tool to ensure proper function and to prevent injury or damage. Keep this manual for future reference.

## 2. SAFETY INSTRUCTIONS

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Always follow basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury.

- **Wear Eye Protection:** Always wear ANSI Z87.1 approved safety glasses with side shields.
- **Wear Hearing Protection:** Prolonged exposure to noise from pneumatic tools can cause hearing damage.
- **Disconnect Air Supply:** Always disconnect the air supply before making adjustments, clearing jams, servicing, or when the tool is not in use.
- **Use Proper Air Pressure:** Do not exceed the maximum recommended air pressure for the tool. Refer to the specifications section.
- **Keep Work Area Clear:** Ensure the work area is well-lit and free from clutter.
- **Secure Workpiece:** Always secure the workpiece to prevent movement during stapling.
- **Avoid Accidental Firing:** Never carry the tool with your finger on the trigger.
- **Inspect Tool Before Use:** Check for damaged parts, air leaks, or loose fasteners. Do not use a damaged tool.
- **Use Correct Fasteners:** Only use staples of the correct size and type specified for this tool.
- **Never Point at People or Animals:** Treat the tool as if it is always loaded.

## 3. PRODUCT OVERVIEW

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The Duo-Fast 5020 SureShot is an air-powered stapler designed for various fastening applications using 1/2" crown staples. Its robust construction ensures durability and consistent performance.



**Figure 1:** Duo-Fast 5020 SureShot 1/2" Crown Air Stapler. This image shows the blue and black pneumatic stapler from a side angle, highlighting its main body, handle, and staple magazine.

## Key Components:

- **Trigger:** Activates the stapling mechanism.
- **Air Inlet:** Connection point for the air hose.
- **Staple Magazine:** Holds the strip of staples.
- **Nosepiece:** Guides the staple into the material.
- **Handle:** Ergonomic grip for user comfort and control.

## 4. SETUP

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### 4.1 Connecting to Air Supply

1. Ensure the air compressor is off and the air tank is drained.
2. Apply 2-3 drops of pneumatic tool oil into the air inlet of the stapler.
3. Connect a suitable air hose (minimum 3/8" I.D.) to the air inlet fitting on the stapler.
4. Set the air compressor regulator to the recommended operating pressure (refer to Specifications). Do not exceed 100 PSI.
5. Turn on the air compressor and allow it to build pressure.
6. Check all connections for air leaks.

### 4.2 Loading Staples

1. **Disconnect the air supply from the tool before loading staples.**
2. Pull back the magazine follower until it locks in the open position.
3. Insert a strip of 1/2" crown staples into the magazine with the staple points facing down. Ensure the staples are fully seated.
4. Release the magazine follower, allowing it to push the staples forward until they are against the nosepiece.
5. Reconnect the air supply.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Basic Operation

1. Ensure all safety precautions are followed, and the tool is properly loaded.

2. Place the nosepiece of the stapler firmly against the workpiece where the staple is to be driven.
3. Squeeze the trigger to drive a staple.
4. Release the trigger after each staple.
5. Adjust air pressure as needed to achieve desired staple depth. Higher pressure drives staples deeper.

## 5.2 Clearing a Jam

If a staple jams in the nosepiece:

1. **Immediately disconnect the air supply from the tool.**
2. Open the magazine and remove any remaining staples.
3. Carefully remove the jammed staple from the nosepiece using pliers or a screwdriver. Be cautious of sharp edges.
4. Inspect the nosepiece for any damage.
5. Reload staples and reconnect the air supply. Test the tool on a scrap piece of material.

## 6. MAINTENANCE

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### 6.1 Lubrication

For optimal performance and longevity, lubricate the tool daily or before each use.

- Disconnect the air supply.
- Apply 2-3 drops of pneumatic tool oil into the air inlet.
- Reconnect the air supply and operate the tool briefly to distribute the oil.

### 6.2 Cleaning and Storage

- Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth.
- Periodically clean the magazine to ensure smooth staple feeding.
- Store the tool in a dry, secure location, away from direct sunlight and extreme temperatures.
- Always disconnect the air supply before storing.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Staple not driving fully	Low air pressure; incorrect staple length; worn driver blade.	Increase air pressure; use shorter staples; contact service for driver blade replacement.
Tool misfires or skips staples	Staple jam; magazine empty; damaged staples; low air pressure.	Clear jam (see Section 5.2); reload magazine; use new staples; check air pressure.
Air leaks from tool	Loose fittings; damaged O-rings or seals.	Tighten fittings; contact service for O-ring/seal replacement.
Staples jam frequently	Incorrect staple size; bent staples; dirty magazine.	Use correct staples; inspect staples before loading; clean magazine.

For issues not listed or if troubleshooting steps do not resolve the problem, contact an authorized service center.

## 8. SPECIFICATIONS

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<b>Model:</b>	SURESHOT 5020
<b>Brand:</b>	Duo-Fast
<b>Part Number:</b>	SURESHOT5020
<b>Power Source:</b>	Air-powered
<b>Staple Type:</b>	1/2" Crown Staples
<b>Magazine Capacity:</b>	Full Strip (approx. 1000 fasteners)
<b>Operation Mode:</b>	Manual (trigger activated)
<b>Included Components:</b>	Bare-tool
<b>Approximate Dimensions:</b>	10 x 10 x 4 inches

## 9. WARRANTY INFORMATION

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Duo-Fast products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official Duo-Fast website. Keep your purchase receipt as proof of purchase for any warranty claims.

## 10. CUSTOMER SUPPORT

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If you have questions regarding the operation, maintenance, or repair of your Duo-Fast 5020 SureShot 1/2" Crown Air Stapler, please contact Duo-Fast customer service or an authorized service center. Contact information can typically be found on the manufacturer's website or on the product packaging.