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› Bielmeier 20V Cordless Brad Nailer and Staple Gun Instruction Manual

## BIELMEIER BCSG-20B

# Bielmeier 20V Cordless Brad Nailer and Staple Gun Instruction Manual

Model: BCSG-20B

## INTRODUCTION

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This manual provides essential information for the safe and effective operation of your Bielmeier 20V Cordless Brad Nailer and Electric Staple Gun. Please read all instructions carefully before use to ensure proper handling, maximize performance, and prevent injury. Keep this manual for future reference.

## SAFETY INSTRUCTIONS

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

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect against flying debris.
- **Keep Work Area Clear:** Ensure your work area is well-lit and free from clutter.
- **Secure Workpiece:** Always secure the material you are working on to prevent movement.
- **Proper Grip:** Maintain a firm grip on the tool during operation.
- **Safety Nose Pin:** The tool is designed to fire fasteners only when the safety nose pin is fully depressed against the workpiece. Do not attempt to bypass this safety feature.
- **Battery Safety:** Use only the specified battery and charger. The battery features charging and discharging protection for durability and safety.
- **Disconnect Power:** Always remove the battery pack before making adjustments, changing fasteners, or servicing the tool.
- **Avoid Accidental Firing:** Keep fingers away from the trigger when not actively fastening.

## PACKAGE CONTENTS

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Verify that all items are present upon unpacking:

- Bielmeier Cordless Brad Nailer / Electric Staple Gun

- 1 x 2.0Ah Lithium-ion Battery
- 1 x Battery Charger
- 800 x Brad Nails
- 800 x Staples
- 1 x Instruction Manual (this document)

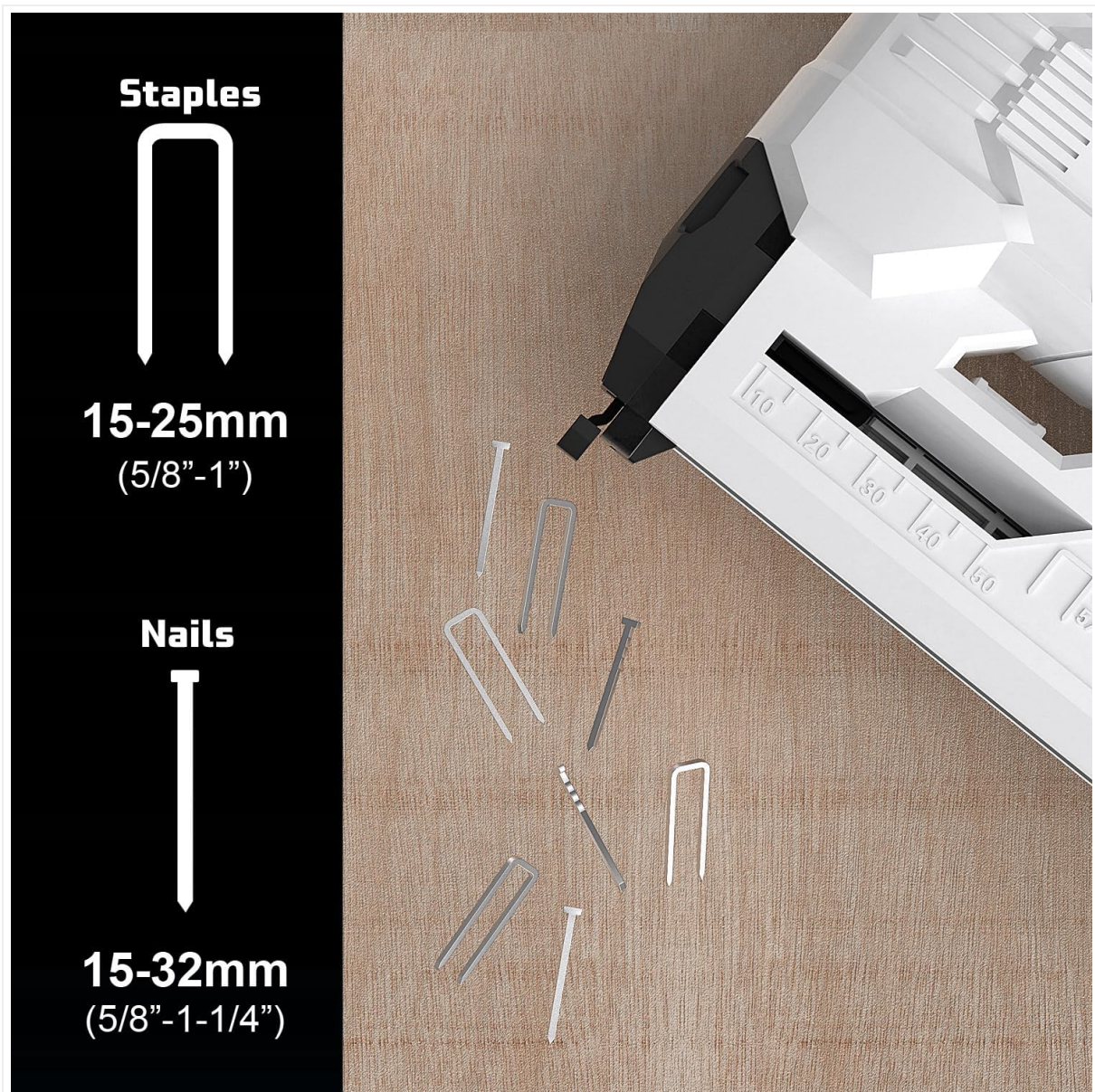
## PRODUCT OVERVIEW

Familiarize yourself with the components of your Bielmeier nailer/stapler.



**Figure 1:** Key components of the Bielmeier 20V Cordless Brad Nailer. This diagram highlights the Force Adjustment Dial, On/Off Trigger, LED Worklight Switch, LED Battery Indicator, Battery Pack, Magazine Latch, Safety Striker Guard, and LED Work Light.

The tool is designed to use 18 gauge brad nails from 5/8" to 1-1/4" (15-32mm) and 1/4" crown staples from 5/8" to 1" (15-25mm).



**Figure 2:** Compatible fastener types and sizes. The image illustrates the dimensions for both staples and brad nails suitable for this tool.

## SETUP

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### 1. Charging the Battery

Before first use, fully charge the 20V 2.0Ah Lithium-ion battery.

1. Connect the charger to a standard power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. Allow the battery to charge until the charger's indicator light shows a full charge.
4. Once charged, remove the battery from the charger.

### 2. Installing the Battery

Align the battery pack with the battery slot on the tool handle and slide it in until it locks securely. Ensure it is fully seated.

### 3. Loading Fasteners (Nails or Staples)

The tool features a quick-release loading magazine for easy fastener installation.

# Install Staples And Nails Correctly

1 Squeeze the magazine and slide out.



2 Place staples with the sharp edge pointing upwards



3 Place nails in the left side of magazine with the sharp edge pointing upwards



4 Close magazine until it locks into position



Figure 3: Step-by-step guide for loading fasteners into the magazine.

1. **Open Magazine:** Squeeze the magazine latch (refer to Figure 1) and slide the magazine out until it fully extends.
2. **Load Staples:** If using staples, place them into the magazine with the sharp points facing upwards.
3. **Load Nails:** If using brad nails, place them into the left side of the magazine with the sharp points facing upwards.
4. **Close Magazine:** Push the magazine back into the tool until it clicks and locks into position. Ensure it is securely closed.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off

The tool is ready for use once the battery is installed. There is no separate power switch; the tool activates when the safety nose pin is depressed and the trigger is pulled.

### 2. Adjusting Fastener Depth

The Force Adjustment Dial (refer to Figure 1) allows you to control the depth at which fasteners are driven into the material.

- Turn the dial clockwise to increase driving depth (for harder materials or deeper countersink).
- Turn the dial counter-clockwise to decrease driving depth (for softer materials or flush finish).
- Always test on a scrap piece of material to find the optimal depth setting before working on your main project.

### 3. Firing Fasteners

1. **Position the Tool:** Place the safety nose pin firmly against the workpiece where you want to drive the fastener. The safety nose pin must be fully depressed.
2. **Activate Worklight:** If working in dark spaces, press the LED Worklight Switch (refer to Figure 1) to illuminate the work area.
3. **Pull Trigger:** While maintaining firm pressure on the tool against the workpiece, pull the On/Off Trigger (refer to Figure 1) to drive a fastener.
4. **Release Trigger:** Release the trigger after each fastener is driven.

The tool is capable of delivering up to 2000 shots on a full charge, depending on material and fastener type. The LED Battery Indicator (refer to Figure 1) will show the remaining battery life.



Figure 4: The nailer in operation, highlighting its battery efficiency.

### 4. Applications

This versatile tool is suitable for various tasks, including:

- Upholstery
- Carpentry projects
- Box assembly
- Ceiling trim molding installation
- Picture framing
- Renovation tasks
- DIY crafts



Figure 5: Examples of common applications for the Bielmeier nailer/stapler.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

- **Cleaning:** Keep the tool clean and free of dust and debris. Use a dry cloth to wipe down the exterior. Do not use harsh chemicals or solvents.
- **Magazine Inspection:** Periodically inspect the fastener magazine for any obstructions or damage. Ensure it slides smoothly.
- **Safety Striker Guard:** Check the safety striker guard for proper function and ensure it moves freely.

- **Battery Care:** Store the battery in a cool, dry place away from direct sunlight. Do not store fully discharged for extended periods.
- **Storage:** When not in use, store the tool and battery in a secure, dry location out of reach of children.

## TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Tool does not fire.	<ul style="list-style-type: none"> <li>• Battery not installed or discharged.</li> <li>• Safety nose pin not fully depressed.</li> <li>• No fasteners in magazine.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure battery is charged and properly installed.</li> <li>• Press the tool firmly against the workpiece.</li> <li>• Load fasteners into the magazine.</li> </ul>
Fasteners not driven fully or twisted.	<ul style="list-style-type: none"> <li>• Force Adjustment Dial set too low.</li> <li>• Tool not held firmly against workpiece.</li> <li>• Incorrect fastener type/size for material.</li> <li>• Fastener jam.</li> </ul>	<ul style="list-style-type: none"> <li>• Increase the setting on the Force Adjustment Dial.</li> <li>• Apply more pressure to the tool.</li> <li>• Ensure fasteners are compatible with the material.</li> <li>• Remove battery, clear any jammed fasteners from the nosepiece and magazine.</li> </ul>
Magazine not closing or coming off.	<ul style="list-style-type: none"> <li>• Obstruction in magazine track.</li> <li>• Magazine latch not engaging.</li> </ul>	<ul style="list-style-type: none"> <li>• Remove battery, inspect and clear any debris from the magazine and its track.</li> <li>• Ensure the magazine is pushed in completely until the latch clicks.</li> </ul>
Tool fires multiple fasteners.	<ul style="list-style-type: none"> <li>• Fastener jam or incorrect fastener loading.</li> </ul>	<ul style="list-style-type: none"> <li>• Remove battery, clear any jammed fasteners. Reload fasteners correctly, ensuring they are aligned.</li> </ul>

## SPECIFICATIONS

<b>Model Number</b>	BCSG-20B
<b>Voltage</b>	20V MAX
<b>Battery Capacity</b>	2.0Ah Lithium-ion
<b>Fastener Type</b>	18 Gauge Brad Nails, 1/4" Crown Staples
<b>Nail Length Range</b>	5/8" ~ 1-1/4" (15-32mm)
<b>Staple Length Range</b>	5/8" ~ 1" (15-25mm)
<b>Item Weight</b>	Approximately 4.8 lbs (tool only) / 6.74 lbs (package weight)
<b>Material</b>	Metal, Plastic

## WARRANTY AND SUPPORT

Bielmeier provides a one-year warranty for this product. If you have any questions, require assistance, or need to claim warranty service, please contact Bielmeier customer support. Refer to the contact information provided with

your purchase or visit the official Bielmeier website for support details.