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MyBuild 5022

MyBuild Mecha Frame Armed Forces Stryker 5022 Robot Building Set Instruction Manual

Model: 5022 | Brand: MyBuild

1. Introduction

The MyBuild Mecha Frame Armed Forces Stryker 5022 is a highly detailed and articulated robot building set designed for enthusiasts of all ages. This model features a robust mecha frame with 14 movable joints, allowing for dynamic posing and imaginative play scenarios. The Stryker 5022 is equipped with a rotary cannon and an automatic cannon, making it a formidable addition to any collection. It is part of the MyBuild Mecha Frame series, known for its customizable and compatible building block systems.



Figure 1: MyBuild Mecha Frame Armed Forces Stryker 5022, showing the assembled model, packaging, and included weapons.

2. Safety Information

- **WARNING: CHOKING HAZARD** – Small parts. Not for children under 3 years.
- Recommended age: 12 years and up.
- Adult supervision is recommended for younger builders.
- Keep all packaging materials away from children.

3. Package Contents

The MyBuild Mecha Frame Armed Forces Stryker 5022 package includes the following components:

- Approximately 269 Building Blocks (Acrylonitrile Butadiene Styrene)
- Mecha Frame components with 14 movable joints
- Weapon Systems: 1 Rotary Cannon, 1 Automatic Cannon

- 1 Military Helmet (for pilot figure, figure not included)
- Instruction Manual (this document)

4. Assembly Instructions (Setup)

Assembly of the MyBuild Mecha Frame Armed Forces Stryker 5022 requires careful attention to the included step-by-step physical instruction manual. It is recommended to sort all building blocks by type and color before beginning construction. Follow the diagrams precisely to ensure correct construction of the mecha frame, body armor, and weapon systems.

1. **Unpack Components:** Carefully remove all building blocks and components from the packaging.
2. **Sort Blocks:** Organize blocks by shape, size, and color to facilitate easier assembly.
3. **Build the Mecha Frame:** Begin by constructing the core mecha frame, paying close attention to the joint connections. Refer to the physical manual for detailed steps.
4. **Attach Armor and Weapons:** Once the frame is complete, attach the armor plating and weapon systems as indicated in the manual.
5. **Final Checks:** Ensure all connections are secure and movable joints operate smoothly.



Figure 2: Detailed view of the MyBuild Mecha Frame structure, highlighting the 14 movable joints and connection points for assembly.

5. Operating Instructions

The MyBuild Mecha Frame Armed Forces Stryker 5022 is designed for interactive play and display. Its articulated structure allows

for a wide range of dynamic poses.

- **Posing:** Gently manipulate the 14 movable joints located throughout the mecha frame (shoulders, elbows, hips, knees, ankles) to achieve desired stances and action poses.
- **Cockpit Access:** The cockpit hatch can be opened to place a compatible pilot figure (not included) inside. Ensure the figure fits securely before closing the hatch.
- **Weapon Systems:** The rotary and automatic cannons can be positioned and aimed by adjusting their attachment points.
- **Storage:** The Stryker's legs are designed to be foldable, allowing for more compact storage when not on display.



Figure 3: Examples of dynamic poses achievable with the MyBuild Stryker 5022's articulated frame.

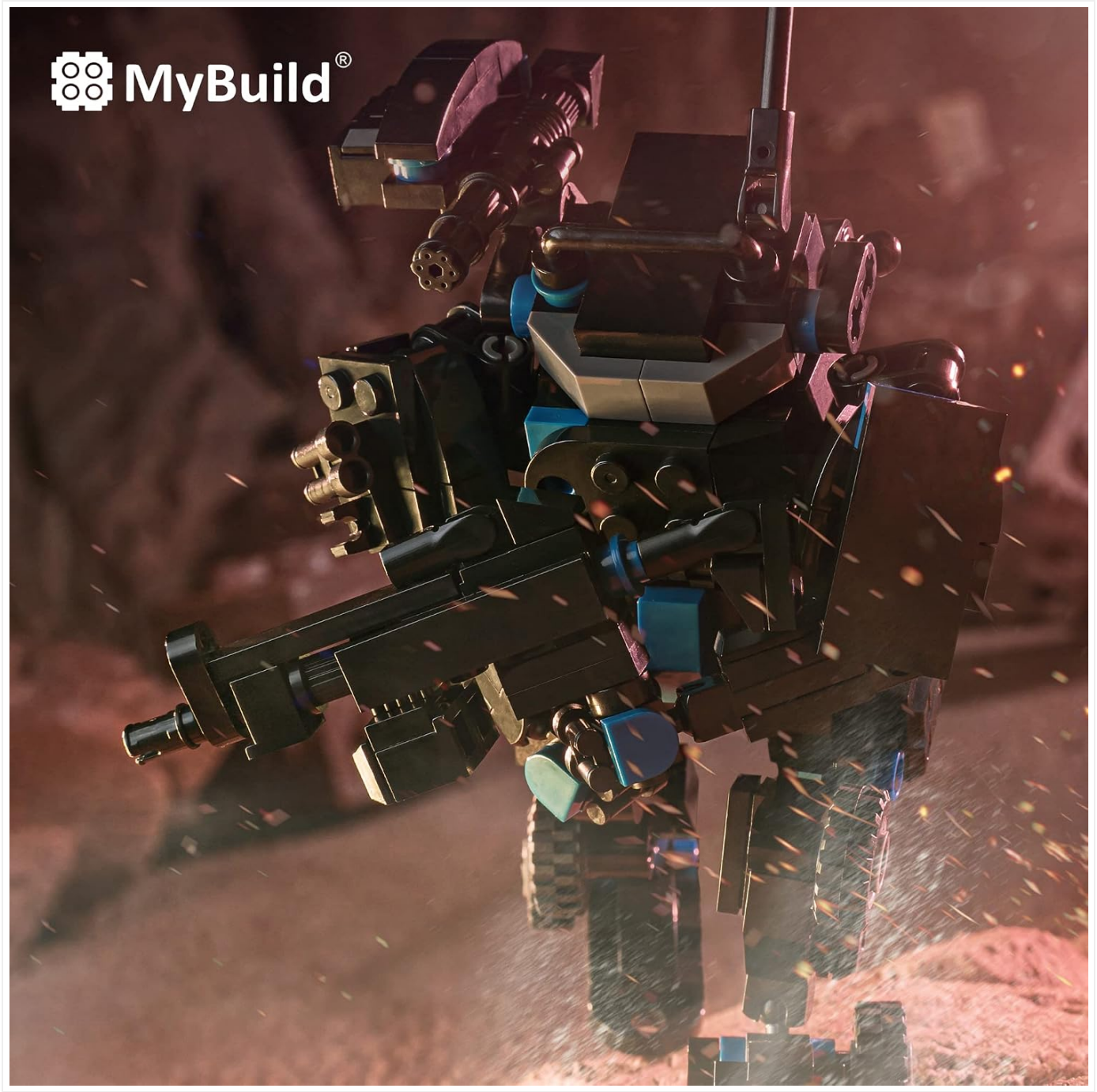


Figure 4: The Stryker 5022 cockpit, shown open to accommodate a pilot figure (figure not included).

6. Customization & Compatibility

The MyBuild Mecha Frame Armed Forces Stryker 5022 is designed with universal compatibility in mind. It can be integrated with other major building block brands, offering extensive opportunities for customization. Users can design their own unique mech action figures by combining components from various sets, creating entirely new Stryker variations or integrating it into larger dioramas. Your creativity is the only limit.

7. Maintenance

To ensure the longevity and appearance of your MyBuild Mecha Frame Armed Forces Stryker 5022, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to gently wipe away dust and dirt from the blocks. For stubborn grime, a slightly damp cloth with mild soap can be used, followed by thorough drying.

- **Avoid Chemicals:** Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the plastic material and color.
- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperatures to prevent discoloration, warping, or material degradation.
- **Handling:** Handle the model with care, especially when manipulating joints, to avoid accidental breakage of small parts.

8. Troubleshooting

If you encounter any issues during the assembly or operation of your MyBuild Mecha Frame Armed Forces Stryker 5022, consider the following:

- **Missing Pieces:** Double-check all packaging and sorting areas. If a piece is genuinely missing, contact MyBuild customer support.
- **Loose Connections:** Ensure that all building blocks are firmly pressed together. Sometimes, a slight twist or extra pressure is needed to secure connections.
- **Joint Stiffness/Looseness:** New joints may be stiff. Gently work them back and forth to loosen. If a joint is too loose, ensure it is correctly assembled according to the manual.
- **Assembly Errors:** Review the physical instruction manual carefully, comparing your build to the diagrams. Disassemble and reassemble problematic sections if necessary.

9. Specifications

Model Number	5022
Brand	MyBuild
Number of Pieces	Approximately 269
Assembly Required	Yes
Batteries Required	No
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black (with blue accents)
Approximate Dimensions (Assembled)	6.3 inches (16 cm) tall, 3.7 inches (9.4 cm) wide, 2.3 inches (6 cm) deep
Item Weight	180 g
Recommended Age	12 years and up
Educational Objective	Construction Skills

10. Warranty and Support

MyBuild products are manufactured to high-quality standards. While specific warranty details may vary by region, MyBuild is committed to customer satisfaction.

- For product support, inquiries, or to report missing parts, please visit the official MyBuild website:www.mybuildtoy.com.
- When contacting support, please have your model number (5022) and proof of purchase readily available for faster assistance.

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