

## 23FT x 22FT Double Garage Metal Shed

# Generic 23FT x 22FT Double Garage Metal Shed with Side Entry Door

Model: 23FT x 22FT Double Garage Metal Shed | Brand: Generic

## 1. INTRODUCTION

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This manual provides detailed instructions for the assembly, operation, and maintenance of your new Generic 23FT x 22FT Double Garage Metal Shed. Designed for durability and versatility, this metal shed offers approximately 500 sq ft of space, ideal for storing tools, machinery, farm equipment, or vehicles. It features two 8 ft wide roll-up garage doors and an additional side entry door for convenient access. Please read this manual thoroughly before beginning assembly or using the shed to ensure safe and correct installation and operation.

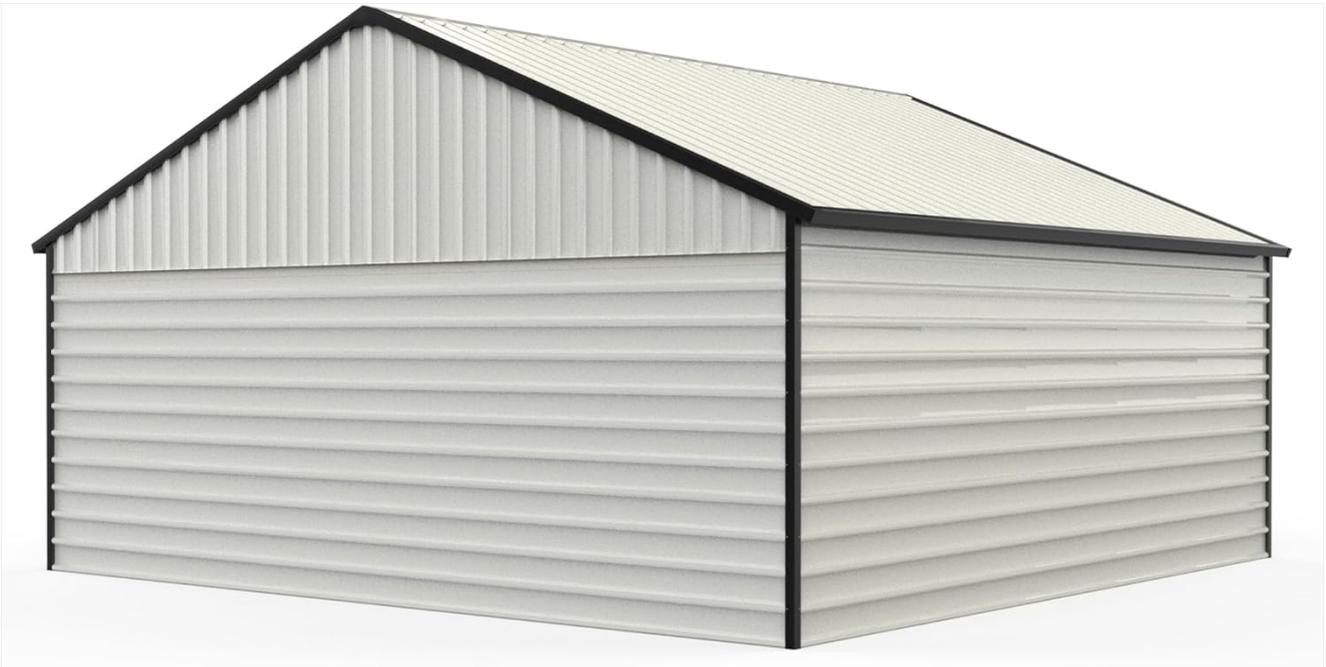


Figure 1.1: Exterior view of the 23FT x 22FT Double Garage Metal Shed.

## 2. SAFETY INFORMATION

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Your safety and the safety of others are paramount. Always follow these safety precautions during assembly and use of the shed:

- **Site Preparation:** Ensure the chosen site is level, firm, and free of obstructions. A concrete slab foundation is highly recommended for stability and longevity.

- **Weather Conditions:** Do not attempt assembly during strong winds, heavy rain, or lightning. High winds can cause panels to become airborne, leading to injury or damage.
- **Personal Protective Equipment (PPE):** Wear appropriate safety gear, including gloves, safety glasses, and sturdy footwear, during assembly.
- **Lifting:** This is a large structure. Always use proper lifting techniques and seek assistance when handling heavy or bulky components.
- **Tools:** Use only the recommended tools and ensure they are in good working condition.
- **Children and Pets:** Keep children and pets away from the assembly area to prevent accidents.
- **Anchoring:** Securely anchor the shed to the ground or foundation immediately after assembly to prevent wind damage.
- **Ventilation:** Ensure adequate ventilation if using the shed for activities that produce fumes (e.g., vehicle maintenance, painting).

### 3. PACKAGE CONTENTS

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Before beginning assembly, verify that all parts are present and undamaged. Refer to the included parts list for specific component identification. Key components include:

- 16 GA Steel Frame Components
- Metal Wall Panels
- Metal Roof Panels
- Two Roll-up Garage Doors (8 ft wide each)
- One Side Entry Door
- Fasteners (bolts, nuts, screws)
- Assembly Manual

If any parts are missing or damaged, contact customer support immediately before proceeding with assembly.

### 4. SETUP AND ASSEMBLY

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This shed is designed for easy DIY setup. No specialized contractors or tools are required beyond basic hand tools. Follow these steps carefully:

#### 4.1 Site Preparation and Foundation

Prepare a level and stable foundation. A concrete slab is recommended for optimal stability and to meet the shed's dimensions of 276 x 264 x 150 inches (Length x Width x Height).



Figure 4.1: Example of a shed installed on a concrete slab foundation.

## 4.2 Frame Assembly

Begin by assembling the 16 GA steel frame. Identify all frame components using the parts list. Connect the base rails, vertical supports, and roof trusses according to the diagrams in your detailed manual. Ensure all bolts are securely tightened but do not overtighten until the entire frame is squared.



Figure 4.2: Interior view showing the assembled steel frame structure.



Figure 4.3: Detail of a frame beam, often labeled for easy identification during assembly.

### 4.3 Wall Panel Installation

Attach the metal wall panels to the assembled frame. Start from one corner and work your way around, ensuring panels overlap correctly for weather resistance. Secure each panel with the provided fasteners.

#### 4.4 Door Installation

Install the two 8 ft wide roll-up garage doors and the side entry door. Follow the specific instructions for each door type to ensure smooth operation and proper sealing. The side entry door provides convenient pedestrian access.



Figure 4.4: The shed with both main garage doors and the side entry door open.



Figure 4.5: Exterior view highlighting the open side entry door.

#### 4.5 Roof Panel Installation

Install the roof panels, ensuring they overlap correctly to prevent water ingress. Secure them firmly to the roof trusses. Pay close attention to sealing any seams or gaps as instructed in the detailed manual.

## 4.6 Final Inspection and Anchoring

After all panels and doors are installed, perform a final inspection to ensure all fasteners are tight and the structure is square and plumb. Securely anchor the shed to your foundation using appropriate anchoring hardware (not always included, check your package contents).

## 5. OPERATING INSTRUCTIONS

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The shed is designed for straightforward operation.

### 5.1 Roll-up Garage Doors

To open the roll-up garage doors, disengage any locking mechanisms and gently lift the door from the bottom. The door will roll up into the overhead track. To close, pull the door down evenly until it reaches the ground and engage the locking mechanism.



Figure 5.1: The shed with both 8 ft wide roll-up garage doors in the open position.

### 5.2 Side Entry Door

The side entry door operates like a standard hinged door. Use the handle to open and close. Ensure it is securely latched or locked when not in use.

## 6. MAINTENANCE

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Regular maintenance will extend the life of your metal shed:

- **Cleaning:** Periodically wash the exterior with mild soap and water to remove dirt, grime, and environmental buildup. Avoid abrasive cleaners or harsh chemicals.
- **Fastener Check:** Annually inspect all bolts, screws, and connections for tightness. Tighten any loose fasteners to maintain structural integrity.
- **Door Tracks:** Keep roll-up door tracks clean and free of debris. Lubricate moving parts of the doors with a silicone-based lubricant as needed.

- **Rust Prevention:** While made of metal, inspect for any signs of rust, especially in areas where the coating might be scratched. Touch up any affected areas with rust-inhibiting paint.
- **Snow Load:** In areas with heavy snowfall, regularly clear snow from the roof to prevent exceeding the 21 lb sq ft snow load capacity.

## 7. TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Shed feels unstable or wobbly	Loose fasteners; inadequate anchoring; uneven foundation	Check and tighten all fasteners. Ensure shed is properly anchored to a level foundation.
Roll-up door sticks or is difficult to open/close	Debris in tracks; lack of lubrication; misaligned tracks	Clean tracks thoroughly. Apply silicone lubricant to moving parts. Inspect tracks for alignment and adjust if necessary.
Water leakage inside the shed	Improperly sealed seams; damaged panels; roof not correctly installed	Inspect roof and wall panel overlaps. Apply sealant to any gaps. Check for damaged panels and replace if necessary. Ensure roof panels are securely fastened.
Side entry door does not close properly	Misaligned hinges; warped door frame; obstruction	Check hinges for tightness and alignment. Ensure the door frame is square. Remove any obstructions.

## 8. SPECIFICATIONS

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- **Product Dimensions:** 276 x 264 x 150 inches (Length x Width x Height)
- **Approximate Area:** 500 sq ft
- **Frame Material:** 16 GA Steel
- **Panel Material:** Metal (Alloy Steel Top Material Type)
- **Color:** White
- **Door Style:** Roll-up Doors (two 8 ft wide openings) and Side Entry Door
- **Water Resistance Level:** Water Resistant
- **Wind Rating:** 46 mph
- **Snow Load Capacity:** 21 lb sq ft
- **Assembly Required:** Yes

## 9. WARRANTY INFORMATION

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Please refer to the warranty card included with your product for specific details regarding coverage, duration, and terms. Generally, the manufacturer warrants this product against defects in materials and workmanship under normal use and service. Keep your proof of purchase for any warranty claims.

## 10. SUPPORT

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For technical assistance, missing parts, or warranty inquiries, please contact the retailer or manufacturer directly. Refer to your purchase documentation for contact information. When contacting support, please have your product model number and purchase date available.