

BNSPLY Large Metal Shed

BNSPLY 23x22 FT Outdoor Storage Shed User Manual

Model: Large Metal Shed

Brand: BNSPLY

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions and safety warnings before assembling, operating, or maintaining this storage shed. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- **Site Preparation:** Choose a level, solid surface for installation. Ensure adequate drainage to prevent water accumulation around the base.
- **Assembly Safety:** Wear appropriate personal protective equipment (PPE) such as gloves and safety glasses during assembly. Use caution when handling metal panels to avoid cuts.
- **Two-Person Assembly:** Assembly requires at least two adults for safety and ease of construction due to the size and weight of components.
- **Weather Conditions:** Do not attempt assembly during strong winds, heavy rain, or other adverse weather conditions.
- **Anchoring:** Securely anchor the shed to the ground immediately after assembly to prevent it from being moved by wind.
- **Ventilation:** Ensure proper ventilation if storing items that may emit fumes.
- **Weight Limits:** Do not overload the shed. Be aware of snow load capacity (up to 21 lbs per sq. ft.) and wind resistance (up to 46 mph).

2. PACKAGE CONTENTS

Verify that all parts are present and undamaged before beginning assembly. If any parts are missing or damaged, contact

customer support.

- Metal Garage Shed Panels (Electro-galvanized steel)
- 16 GA Steel Frame Components
- Hardware (Screws, bolts, washers, nuts)
- Floor Anchors
- Instruction Manual (This document)
- *Note: Tools for assembly (e.g., screwdriver, wrench, drill) are typically not included and must be provided by the user.*

3. SETUP AND ASSEMBLY INSTRUCTIONS

This section provides detailed steps for assembling your BNSPLY 23x22 FT Outdoor Storage Shed. Follow these instructions carefully for a safe and successful build. All parts are numbered, pre-cut, and pre-drilled for ease of assembly.

3.1 Site Preparation

1. Select a flat, level area for the shed. A concrete slab or a well-compacted gravel foundation is recommended.
2. Ensure the chosen site is clear of debris, rocks, and vegetation.
3. Verify that there is sufficient space around the shed for assembly and future access.

3.2 Unpacking and Part Identification

1. Carefully unpack all components from the wood carton and pallet.
2. Lay out all parts and identify them using the provided parts list and numbering. Each panel may have a protective film; remove this film carefully before assembly.
3. Separate hardware into labeled bags or containers for easy access.

3.3 Base Frame Assembly

Begin by assembling the base frame of the shed. This forms the foundation for the entire structure.



Image: A base frame component, labeled A09, showing its profile and pre-drilled holes. This piece forms part of the shed's foundational structure.

1. Connect the perimeter base rails according to the manual's diagrams, ensuring all corners are square.
2. Install any cross-members or internal base supports as indicated.
3. Tighten all bolts and screws securely, but do not overtighten.

3.4 Wall Panel Installation

Attach the wall panels to the base frame, working section by section.



Image: An interior view of the shed's structural framework during assembly. This shows the robust 16 GA steel vertical supports and the initial roof truss connections, indicating the sturdy construction.

1. Begin with a corner panel and attach it to the base frame and the first vertical support.
2. Continue adding wall panels and connecting them to the vertical supports and adjacent panels.
3. Ensure panels are aligned correctly and screws are inserted into all designated holes.

3.5 Roof Frame and Panel Installation

Assemble the roof structure and then attach the roof panels.



Image: A wide interior shot of the shed, showcasing the complete steel frame structure and installed wall panels. The view extends towards the peak of the roof, illustrating the spaciousness and structural integrity.



Image: A detailed close-up of the shed's interior, focusing on the connection point between the roof paneling and the top of the wall. This highlights the corrugated metal design and the structural beam running along the roofline.

1. Install the roof trusses and support beams according to the diagrams.
2. Carefully place and secure the roof panels, overlapping them as instructed to ensure waterproofing.
3. Install any ridge caps or trim pieces to complete the roof.

3.6 Door Installation

Install the main double garage doors and the side entry door.

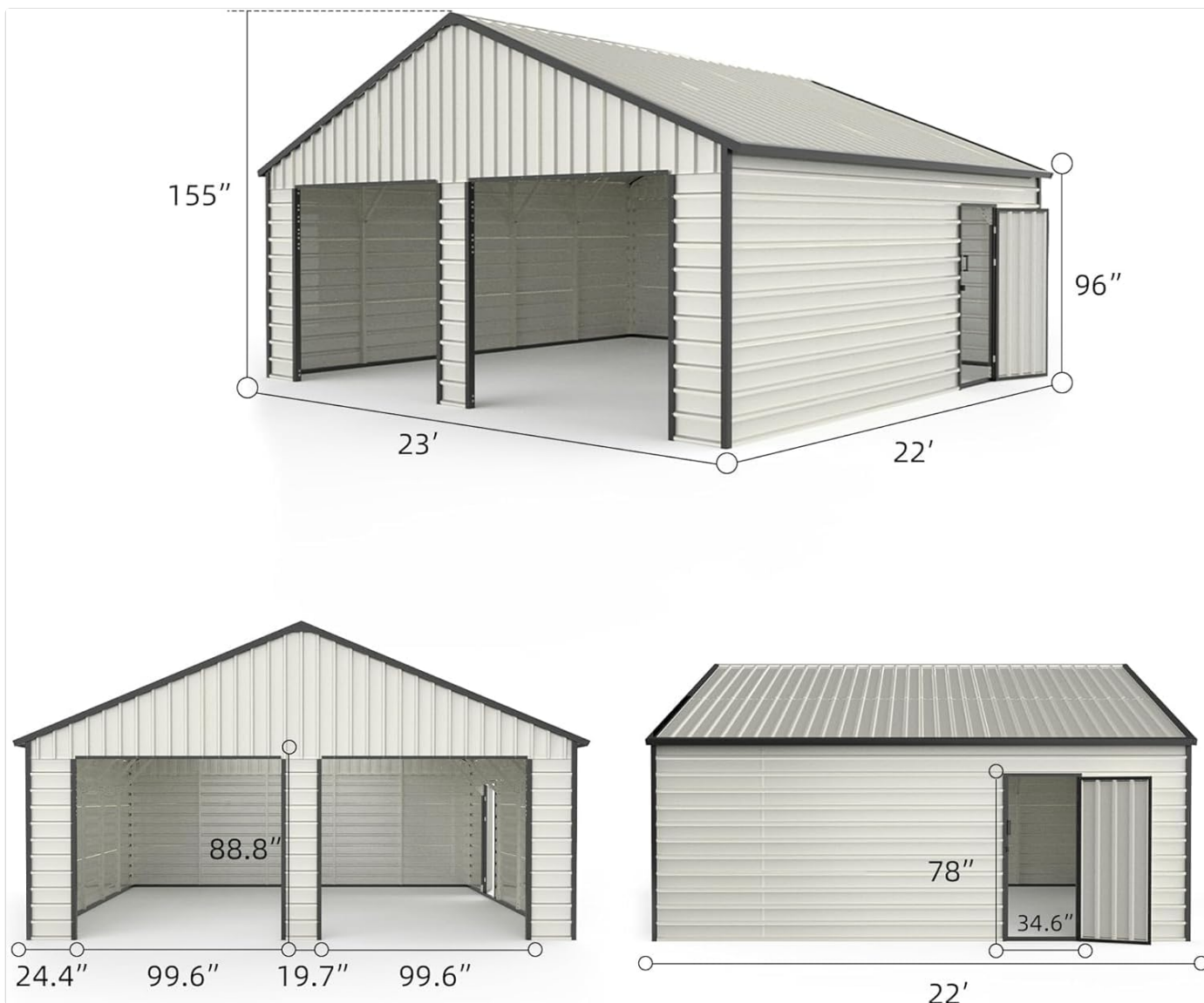


Image: A comprehensive diagram illustrating the external dimensions of the BNSPLY 23x22 FT storage shed. It shows the overall length, width, height, and specific measurements for the double garage door openings (8.3 ft wide, 7.4 ft clear height) and the side entry door (78 inches high, 34.6 inches wide).

1. Assemble the door frames and attach hinges as required.
2. Mount the doors into their respective openings, ensuring they swing freely and close properly.
3. Install any latches, handles, or locking mechanisms. The side door can be installed on either side.

3.7 Final Anchoring

Secure the shed to the ground using the provided floor anchors.

1. Drill holes through the base frame into the foundation as specified.
2. Insert and tighten the floor anchors to firmly secure the shed.

Your browser does not support the video tag.

Video: An overview of the BNSPLY Double Garage Shed, highlighting its metal construction and side entry door. This video provides a visual representation of the assembled product and its features.

4. OPERATING INSTRUCTIONS

Your BNSPLY storage shed is designed for secure and versatile outdoor storage. Proper operation ensures longevity and

safety.

- **Door Usage:** Open and close doors gently. Ensure they are fully closed and latched to protect contents from weather and unauthorized access.
- **Storage:** Store items in an organized manner to maximize space and prevent damage. Avoid leaning heavy objects against the shed walls.
- **Ventilation:** While the shed is designed to be weather-resistant, ensure adequate airflow if storing items susceptible to moisture or condensation.
- **Security:** For enhanced security, consider adding padlocks to the door latches.



Image: The BNSPLY 23x22 FT double garage shed situated in a residential backyard, demonstrating its capacity to house large farm equipment like a tractor and a combine harvester. This illustrates its utility for storing vehicles and machinery.

5. MAINTENANCE

Regular maintenance will extend the life of your storage shed and ensure its continued performance.

- **Cleaning:** Clean the exterior of the shed periodically with mild soap and water. Avoid abrasive cleaners or scrubbers that could damage the polyester coating.
- **Inspection:** Annually inspect all bolts, screws, and anchors for tightness. Re-tighten as necessary. Check for any signs of rust or corrosion, especially at joints and seams.
- **Drainage:** Ensure that the area around the shed's base remains clear of debris to allow for proper water drainage.
- **Snow Removal:** In areas with heavy snowfall, remove excessive snow from the roof to prevent exceeding the shed's snow load capacity.

6. TROUBLESHOOTING

Here are solutions to common issues you might encounter with your storage shed.

Problem	Possible Cause	Solution
Doors do not close properly or stick.	Shed is not level; hinges are loose or misaligned; debris in door track.	Check shed level and adjust foundation if necessary. Tighten or adjust hinges. Clear any obstructions from door areas.
Water leakage inside the shed.	Improper panel overlap; loose screws; damaged sealant; poor site drainage.	Inspect roof and wall panel overlaps and ensure all screws are tight. Apply silicone sealant to any gaps. Improve site drainage.
Shed feels unstable or wobbly.	Not properly anchored; loose frame connections; uneven foundation.	Ensure shed is securely anchored to the ground. Tighten all frame bolts and screws. Verify foundation is level.

7. SPECIFICATIONS

Brand	BNSPLY
Model Number	Large Metal Shed
Color	Cream
Material	Alloy Steel (16 GA Steel Frame, Electro-galvanized steel sheets with polyester coating)
Product Dimensions (D x W x H)	150"D x 264"W x 150"H (23 x 22 FT)
Floor Area	500 square feet
Item Weight	1664 pounds
Main Door Width (Each)	8.3 feet
Main Door Clear Height	7.4 feet
Side Door Height	78 inches
Water Resistance Level	Waterproof
Wind Resistance	Up to 46 mph

Snow Load Capacity	Up to 21 lbs per sq. ft.
UPC	742378655696

8. WARRANTY AND SUPPORT

BNSPLY stands behind the quality of its products.

- **Warranty:** This product comes with a 12-month warranty from the date of purchase.
- **Returns/Replacements:** A 30-day return or replacement policy is offered.
- **Customer Support:** For any questions, missing parts, or concerns regarding your BNSPLY metal building or shed, please contact customer service. We are dedicated to resolving your concerns promptly, typically within 24 hours.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question