TOOLPORT FLEX Plus (92105)

TOOLPORT 6x12m PE 550N Party Tent Instruction Manual

Model: FLEX Plus (92105)

1. Introduction

This manual provides essential information for the safe and correct assembly, operation, and maintenance of your TOOLPORT 6x12m PE 550N Party Tent. Please read these instructions thoroughly before beginning assembly to ensure proper setup and to maximize the lifespan of your tent. This tent is designed for temporary use as a party or event shelter, offering protection from sun and light rain.

2. Safety Instructions

- **Wind and Weather Conditions:** This tent is designed for temporary use. In strong winds, heavy rain, or snow, the tent must be dismantled to prevent damage or injury. Do not use the tent during thunderstorms or extreme weather.
- **Anchoring:** Always ensure the tent is securely anchored to the ground using all provided guy ropes and anchors. Insufficient anchoring can lead to the tent becoming airborne and causing significant damage or injury.
- **Fire Safety:** Keep all heat sources, open flames, and flammable materials away from the tent fabric. The tent material is not fireproof.
- **Assembly:** Assembly requires at least 3-4 people. Ensure all components are correctly connected and secured as per the instructions. Do not force parts together.
- **Site Selection:** Choose a level, clear area free from overhead obstructions (e.g., power lines, tree branches) and sharp objects on the ground.
- **Children:** Keep children away from the assembly area. The tent is not a toy.

3. Package Contents

Verify that all components listed below are present and undamaged before beginning assembly. If any parts are missing or damaged, contact TOOLPORT customer service.

- Galvanized Steel Frame Structure (tubes and connectors)
- Roof Tarpaulin (PE 550 N, single piece)
- Gable Tarpaulins with Entrances
- Side Wall Tarpaulins (2m wide sections)
- Guy Ropes
- Ground Anchors
- Assembly Instructions (this manual)

The steel structure includes tubes with approximately 38mm diameter and connectors with approximately 42mm diameter. All metal elements are secured with screws.

4. Setup Instructions

Follow these steps carefully for a secure and stable assembly. It is recommended to have at least 3-4 people for assembly.

4.1 Site Preparation

1. Clear the chosen area of any debris, sharp objects, or uneven surfaces.
2. Ensure the ground is level and firm enough to hold the anchors.

4.2 Frame Assembly

1. **Assemble the Ground Frame:** Lay out the ground frame tubes and connectors according to the diagram. Secure all connections with the provided screws. This forms the base of your tent.
2. **Attach Vertical Poles:** Insert the vertical poles into the ground frame connectors. Do not fully tighten screws yet, allowing for slight adjustments.
3. **Construct the Roof Structure:** Connect the roof tubes and connectors to form the roof frame. Lift and attach the roof frame to the top of the vertical poles. Secure all connections with screws. Ensure all roof reinforcements are in place.

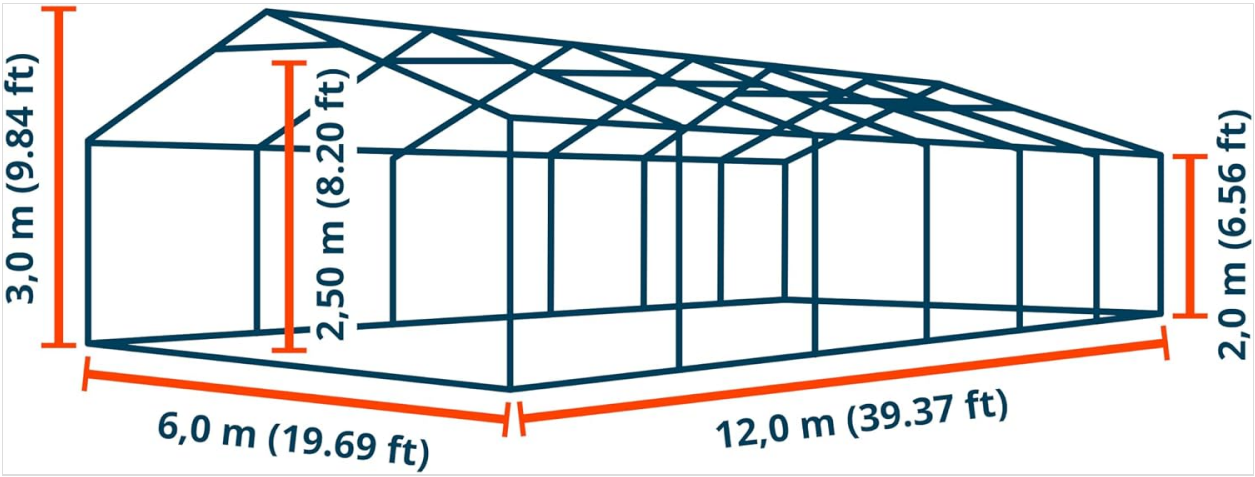


Figure 1: Tent Frame Dimensions (12m length, 6m width, 2m side height, 3m peak height).



Figure 2: Detail of roof frame connection, showing the use of bungee cords for securing the tarpaulin.



Figure 3: Detail of ground frame connection, illustrating how the vertical poles connect and the tarpaulin can be secured.

4.3 Tarpaulin Installation

4. **Install Roof Tarpaulin:** Carefully drape the single-piece roof tarpaulin over the assembled roof frame. Ensure it is centered and evenly distributed. Secure the roof tarpaulin to the frame using the provided bungee cords or ties.
5. **Attach Gable Tarpaulins:** Install the gable tarpaulins at each end of the tent. These include the entrance sections. Secure them firmly to the frame.
6. **Mount Side Wall Tarpaulins:** Attach the 2-meter wide side wall tarpaulin sections along the sides of the tent. These can be individually removed or rolled up. Secure them to the vertical poles and the ground frame.



Figure 4: Fully assembled TOOLPORT 6x12m Party Tent.



Figure 5: Details of side panel attachment, gable ventilation, and ground anchoring.

4.4 Anchoring

7. **Secure with Guy Ropes:** Attach all guy ropes to the designated points on the tent and extend them outwards at an angle.
8. **Insert Ground Anchors:** Drive the ground anchors firmly into the ground, ensuring they are deep enough to provide maximum hold. Attach the guy ropes to the anchors and tension them.
9. **Final Check:** Double-check all frame connections, tarpaulin attachments, and anchoring points to ensure everything is secure and taut.

5. Operating Instructions

5.1 Ventilation

The tent features special side wall mounting that allows for air circulation and self-climatization. Additionally, flaps located at each gable provide ideal ventilation. Open these flaps as needed to improve airflow and prevent condensation, especially during warm weather or when many people are inside.



Figure 6: Gable ventilation window for optimal air circulation.

5.2 Side Panel Management

The individual 2-meter wide side wall tarpaulins can be easily removed or rolled up to create open access points or to allow more light and air into the tent. They can also be fixed to the ground frame to act as wind deflectors, providing additional stability and protection.



Figure 7: Tent with a side panel removed, demonstrating flexible configuration.

6. Maintenance

- **Cleaning:** Clean the tarpaulin regularly with mild soap and water. Do not use harsh chemicals or abrasive cleaners, as these can damage the PE material and its UV coating. Rinse thoroughly and allow to dry completely before storage.
- **Frame Care:** Inspect the galvanized steel frame for any signs of rust or damage. Clean any dirt or debris from the frame. If rust spots appear, treat them promptly to prevent further corrosion.
- **Inspection:** Periodically check all connections, screws, guy ropes, and anchors for tightness and wear. Replace any worn or damaged parts immediately.
- **Storage:** Before storing, ensure all tent components (tarpaulins, frame parts) are clean and completely dry to prevent mold, mildew, and rust. Store in a cool, dry place, away from direct sunlight and pests.

7. Troubleshooting

Problem	Possible Cause	Solution
Tent unstable or swaying in light wind	Insufficient anchoring; loose frame connections; tarpaulin not taut.	Ensure all ground anchors are fully inserted and guy ropes are properly tensioned. Check and tighten all frame screws. Re-tension tarpaulin bungee cords.
Water pooling on roof	Roof tarpaulin not sufficiently taut or unevenly distributed.	Adjust the roof tarpaulin to ensure it is evenly stretched and taut across the frame, allowing water to run off. Check roof reinforcements are correctly installed.
Difficulty connecting frame tubes	Misalignment of holes; burrs on tubes.	Ensure tubes are oriented correctly. Gently rotate tubes to align holes. If burrs are present, carefully remove them with a file (wear gloves). Do not force connections.
Condensation inside tent	Poor ventilation.	Open gable ventilation flaps and/or roll up side panels to increase airflow.

8. Specifications

- **Model:** FLEX Plus (92105)
- **Dimensions (L x W x H):** 1200 x 600 x 200 cm (12m x 6m x 2m)
- **Peak Height:** Approximately 300 cm (3m)
- **Floor Area:** 72 square meters
- **Weight:** 220.8 kg
- **Frame Material:** Galvanized Alloy Steel (Tubes: approx. 38mm diameter; Connectors: approx. 42mm diameter)
- **Tarpaulin Material:** PE 550 N (Polyethylene), waterproof, UV-resistant
- **Color:** White
- **Recommended Use:** Marquee, Party Tent

9. Warranty and Support

For information regarding warranty terms, spare parts availability, or technical support, please contact

TOOLPORT customer service directly. Information on spare parts availability is not provided in this document. For further assistance, please visit the official TOOLPORT store:TOOLPORT Store