

Luxor BC50-B

LUXOR BC50-B Structural Foam Plastic Utility Cart

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper assembly, operation, and maintenance of your LUXOR BC50-B Structural Foam Plastic Utility Cart. Designed for durability and functionality, this cart features five flat shelves with retaining lips and a 300 lbs capacity, suitable for various environments including offices, warehouses, and educational institutions. Please read these instructions thoroughly before use to ensure safe and efficient operation.

2. SAFETY INFORMATION

- **Weight Capacity:** Do not exceed the maximum weight capacity of 300 lbs, evenly distributed across all shelves. Overloading can cause instability and damage.
- **Load Distribution:** Distribute items evenly on shelves. Place heavier items on lower shelves to maintain a low center of gravity and prevent tipping.
- **Brake Usage:** Always engage the locking brakes on the casters when the cart is stationary, especially during loading or unloading, to prevent unintended movement.
- **Maneuvering:** Exercise caution when moving the cart, especially on uneven surfaces or inclines. Avoid sudden stops or turns when heavily loaded.
- **Assembly:** Ensure all components are securely fastened according to the assembly instructions before using the cart. Regularly check for loose parts.
- **Children:** Keep children away from the cart during assembly and operation. This product is not a toy.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. While specific part counts may vary, typical contents include:

- 5 x Shelf Panels (with .25" retaining lip)
- 16 x Leg Posts (for connecting shelves)
- 4 x Heavy-Duty 4" Casters (2 with locking brakes)
- Assembly Hardware (e.g., screws, washers, if applicable)

If any parts are missing or damaged, please contact Luxor customer support immediately.

4. SETUP AND ASSEMBLY INSTRUCTIONS

Assembly of the LUXOR BC50-B Utility Cart is straightforward and typically requires no special tools. Follow these steps:

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.
2. **Attach Casters:** Insert the stems of the four casters into the designated holes on the underside of the bottom shelf. Ensure the two locking casters are placed on the same side for easier access. Press firmly until they click into place.
3. **Assemble First Shelf:** Take the bottom shelf (with casters attached) and insert four leg posts into the corner holes on its top surface. Ensure they are fully seated.
4. **Add Subsequent Shelves:** Place the next shelf panel onto the top of the four installed leg posts, aligning the holes. Press down firmly to secure. Repeat this process for the remaining shelves and leg posts, working your way up.
5. **Install Top Shelf:** Once all intermediate shelves are in place, attach the final set of leg posts and then secure the top shelf. The top shelf includes an integrated ergonomic push handle.
6. **Verify Assembly:** After assembly, gently rock the cart to ensure all connections are secure and stable.



Figure 1: Overall dimensions of the Luxor BC50-B Structural Foam Plastic Utility Cart.

This image illustrates the assembled utility cart, highlighting its key dimensions: 46 inches in height, 18 inches in depth, and 24 inches in width. The five shelves and integrated handle are visible, along with the casters at the base.

5. OPERATING INSTRUCTIONS

- **Loading:** Place items onto the shelves, ensuring the total weight does not exceed 300 lbs. Distribute the weight as evenly as possible, with heavier items on lower shelves. The .25" retaining lips help prevent items from sliding off.
- **Maneuvering:** Use the integrated ergonomic push handle on the top shelf to guide the cart. The heavy-duty 4" casters allow for smooth movement.
- **Braking:** To secure the cart in a stationary position, push down the levers on the two locking casters until they engage. To release, lift the levers.
- **Shelf Clearance:** The 8.5" clearance between shelves accommodates a variety of item sizes.

6. MAINTENANCE

- **Cleaning:** The thermoplastic resin construction resists stains. Clean the cart with a damp cloth and mild detergent. Avoid abrasive cleaners that could damage the surface.
- **Caster Inspection:** Periodically check the casters for any debris (e.g., hair, string) that might impede their movement. Clean as necessary. Ensure casters are securely attached.
- **Structural Check:** Regularly inspect all connections and fasteners to ensure they remain tight. Retighten if any looseness is detected.

7. TROUBLESHOOTING

- **Cart is difficult to roll:**
 - Check if the locking brakes are engaged.
 - Inspect casters for debris or damage.
 - Ensure the load is evenly distributed and not exceeding the weight capacity.
- **Cart feels unstable or wobbly:**
 - Verify that all leg posts are fully seated into the shelves.
 - Ensure the load is balanced and not top-heavy.
 - Check for any damaged components.
- **Items sliding off shelves:**
 - The shelves feature a .25" retaining lip to help prevent this. Ensure items are placed within the lip.
 - Avoid moving the cart too quickly or making sudden turns, especially with delicate items.

8. SPECIFICATIONS

Feature	Detail
Model Number	BC50-B
Brand	Luxor
Product Dimensions (D x W x H)	18" x 24" x 46"
Weight Capacity	300 lbs (evenly distributed)

Number of Shelves	5
Clearance Between Shelves	8.5"
Material	Thermoplastic Resin (Polyethylene)
Casters	4 x 4" Heavy-Duty Swivel Casters (2 with locking brakes)
Assembly Required	Yes

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your LUXOR BC50-B Utility Cart, please contact Luxor customer service directly. Refer to your purchase documentation or the official Luxor website for contact details and specific warranty terms.