

MAGNUM DUC12A-02PK

MAGNUM DUC12A-02PK 1/2 Cubic Yard Tilt Truck Instruction Manual

Model: DUC12A-02PK

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient assembly, operation, and maintenance of your MAGNUM DUC12A-02PK 1/2 Cubic Yard Tilt Truck. Please read this manual thoroughly before using the product and retain it for future reference. This heavy-duty dump cart is designed for handling, transporting, and dumping various materials on jobsites, in warehouses, and other industrial environments.

2. SAFETY INFORMATION

Always prioritize safety when operating the tilt truck. Failure to follow these instructions may result in injury or damage to the product.

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 750 lbs (340 kg). Overloading can cause instability and damage.
- **Evenly Distribute Load:** Ensure the load is evenly distributed within the cart to maintain balance during transport and dumping.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, such as safety gloves and footwear, when handling materials and operating the cart.
- **Clear Path:** Always ensure your path is clear of obstructions and other personnel before moving the cart.
- **Secure Dumping:** When dumping, ensure the area is clear and the cart is stable. Control the tilt to prevent sudden material discharge.
- **Inspect Before Use:** Before each use, inspect the wheels, casters, frame, and tub for any signs of damage or wear. Do not use if damaged.
- **Children and Unauthorized Personnel:** Keep children and unauthorized personnel away from the tilt truck during operation.

3. COMPONENTS

The MAGNUM DUC12A-02PK Tilt Truck consists of the following main components:

- **Polyethylene Tub:** The main body of the cart, made from durable, injection-molded plastic.
- **Steel Frame:** Provides structural support for the tub and wheels.
- **Heavy-Duty 12" Wheels:** Two large wheels for primary movement.
- **5" Swivel Casters:** Two smaller casters for maneuverability and steering.
- **Handles:** Integrated handles for pushing and pulling the cart.



Figure 1: Overview of the MAGNUM DUC12A-02PK Tilt Truck, highlighting its durable material, reinforced edges, 1PC solid injection mold, and construction-grade wheels and casters. An optional lid is also shown (sold separately).

4. SETUP AND ASSEMBLY

The MAGNUM DUC12A-02PK Tilt Truck is designed for quick and easy assembly. While specific tools may vary, general assembly involves attaching the wheels and casters to the frame and securing the tub.

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all parts listed in the components section are present.
2. **Attach Wheels:** Secure the two heavy-duty 12" wheels to the designated axle points on the frame using the

provided hardware (e.g., bolts, washers, nuts). Ensure they are firmly attached but can rotate freely.

3. **Attach Casters:** Mount the two 5" swivel casters to the frame's caster plates using the appropriate fasteners. Ensure they can swivel smoothly.
4. **Secure Tub to Frame:** Place the polyethylene tub onto the assembled frame. Align any pre-drilled holes and secure the tub to the frame using the provided bolts and nuts. Tighten all fasteners securely.
5. **Final Inspection:** Once assembled, gently rock the cart to ensure all connections are stable and secure. Check that wheels and casters move freely.

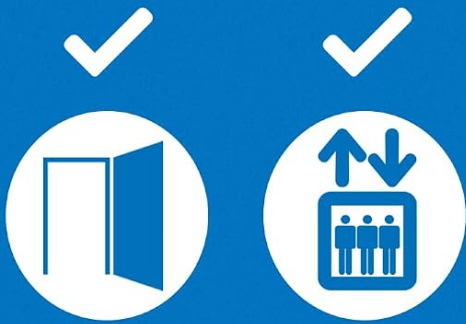
For detailed visual instructions, refer to any assembly diagrams included with your product packaging.

5. OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe operation of your tilt truck:

- **Loading:** Load materials evenly into the polyethylene tub, ensuring the weight does not exceed 750 lbs (340 kg). Avoid placing heavy, concentrated loads in one spot.
- **Transporting:** Use the integrated handles to push or pull the cart. The 12" wheels and 5" swivel casters provide smooth movement and maneuverability, even on rough terrain. The narrow 24" width allows it to fit through standard doorways and elevators.
- **Maneuvering in Tight Spaces:** The swivel casters allow for easy navigation through narrow hallways and around corners.
- **Dumping:** To dump materials, grasp the handles firmly and tilt the cart forward. Control the tilting motion to ensure a safe and controlled discharge of contents.
- **Storage:** For space-saving storage, the cart can be disassembled or stacked.

FITS THROUGH STANDARD DOORWAYS & ELEVATORS



MAGNUM®



Figure 2: The MAGNUM Tilt Truck is designed with a narrow profile (24" width) to easily fit through standard doorways and elevators, enhancing its utility in various indoor environments.

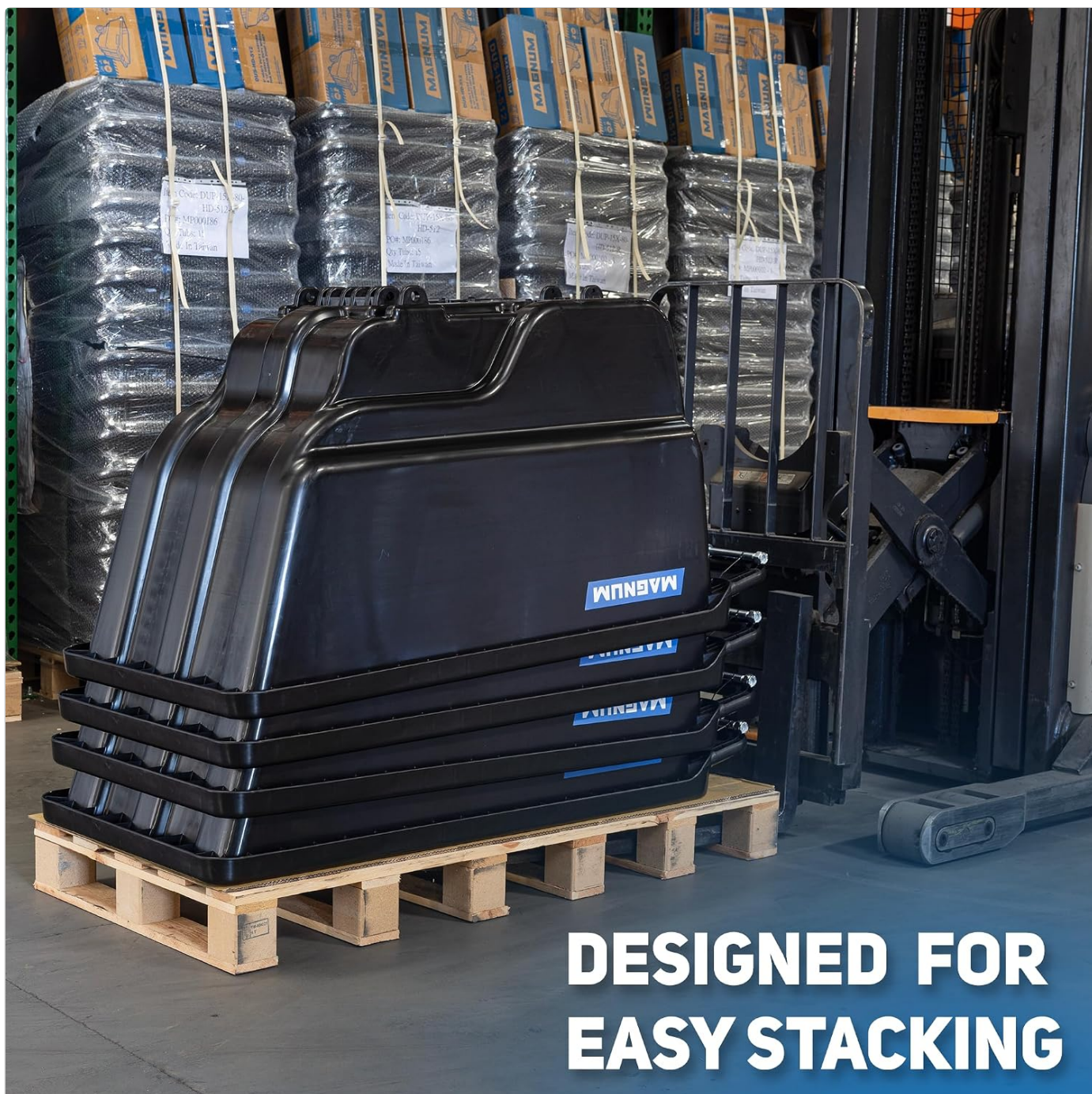


Figure 3: The MAGNUM Tilt Truck features a design that allows for easy stacking, optimizing space for storage or transport between jobsites.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tilt truck.

- **Cleaning:** The injection-molded polyethylene tub is easy to clean. Use mild soap and water to remove dirt and debris. Avoid abrasive cleaners that could damage the surface.
- **Wheel and Caster Inspection:** Periodically check wheels and casters for wear, damage, or debris accumulation. Remove any tangled material (e.g., string, hair) from the axles. Lubricate moving parts if necessary.
- **Fastener Check:** Regularly inspect all bolts, nuts, and fasteners to ensure they are tight. Re-tighten as needed to prevent components from loosening during use.
- **Frame Inspection:** Check the steel frame for any signs of bending, cracks, or corrosion. Address any issues promptly to maintain structural integrity.
- **Storage:** Store the tilt truck in a dry, protected area when not in use to prevent exposure to extreme weather

conditions.

7. TROUBLESHOOTING

If you encounter issues with your MAGNUM Tilt Truck, refer to the following common troubleshooting tips:

- **Difficulty Rolling/Maneuvering:**
 - Check wheels and casters for debris (e.g., string, dirt) that may be obstructing movement.
 - Ensure wheels and casters are properly lubricated.
 - Verify that the load is not exceeding the 750 lbs capacity or unevenly distributed.
 - Inspect for bent axles or damaged wheels/casters.
- **Loose Components:**
 - Regularly check and tighten all bolts, nuts, and fasteners.
- **Tub Damage (Cracks/Dents):**
 - While the polyethylene is durable, extreme impact can cause damage. For significant damage, consider replacing the tub or contacting support for repair options.

If the issue persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	DUC12A-02PK
Capacity	1/2 Cubic Yard
Weight Limit	750 lbs (340 kg)
Exterior Dimensions (L x W x H)	56.5" L x 24" W x 34" H (147.3D x 71.1W x 119.4H Centimetres)
Interior Tub Dimensions (L x W x H)	51" L x 24" W x 27.5" H
Material	Injection-molded Polyethylene (Tub), Metal (Frame)
Wheel Size	12 inches
Caster Size	5 inches
Caster Type	Swivel
Assembly Required	Yes
Special Features	Easy Assembly, Maneuverable, Space Saving, Narrow Profile

UPGRADABLE PARTS

**HEAVY DUTY
FOLDING LID**



**NON-MARKING
CASTERS**



STANDARD

FORKLIFTABLE FRAME



All Sold Separately*

Figure 4: The MAGNUM Tilt Truck offers upgradable parts such as a heavy-duty folding lid, non-marking casters, and a forkliftable frame (all sold separately) to adapt to various operational needs.

9. WARRANTY INFORMATION

MAGNUM products are manufactured to high-quality standards. For specific warranty details regarding your DUC12A-02PK Tilt Truck, please refer to the warranty card included with your purchase or visit the official MAGNUM Tool Corp website. Keep your proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you have any questions, require assistance with assembly, or need to report a problem, please contact MAGNUM Tool Corp customer support:

- **Website:** www.magnumtoolcorp.com (Note: This is a placeholder URL, please replace with the actual manufacturer's support website if available.)
- **Email:** support@magnumtoolcorp.com (Note: This is a placeholder email, please replace with the actual

manufacturer's support email if available.)

- **Phone:** Refer to your product packaging or the official website for contact numbers.

When contacting support, please have your model number (DUC12A-02PK) and purchase date ready.

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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