



Manuals.plus /

› Agri-Fab /

› Agri-Fab 350-Pound Steel Tow-Behind Dump Cart (Model 45-0303) Instruction Manual

## Agri-Fab 45-0303

# Agri-Fab 350-Pound Steel Tow-Behind Dump Cart (Model 45-0303) Instruction Manual

Brand: Agri-Fab | Model: 45-0303

## PRODUCT OVERVIEW

The Agri-Fab Utility 10 Steel Cart, Model #45-0303, is designed to efficiently transport various materials such as firewood, sand, gravel, mulch, and more. Its sturdy steel bed can handle loads up to 350 lbs. or 10 cu. ft. The cart features reinforced tailgate guides for added strength and durability, along with 13" x 4" pneumatic tires for easy maneuverability across different terrains. A one-lever release handle simplifies the dumping process.

## KEY FEATURES

- Steel bed capable of 350-Pound load. Bed Size: 41.0 inches x 31.0 inches x 12.0 inches.
- Tow-behind dump cart designed for easy loading, hauling, and dumping.
- Quick release lever for easy dumping.
- Removable tail-gate with reinforced guides.
- 3 Year Limited Warranty.
- Made in the USA.

## WHAT'S IN THE BOX

This video provides a detailed overview of all components included in the Agri-Fab 350-Pound Steel Tow-Behind Dump Cart package, ensuring you have everything needed for assembly.

*Video: Unboxing the Agri-Fab 350-Pound Steel Tow-Behind Dump Cart.*

The package typically includes:

- Tailgate
- Left Rear Angle
- Right Rear Angle
- Lower Rear Angle

- Cart Body Panels (2)
- Tailgate Guides (2)
- Bed Supports (2)
- Front Panel
- Latch Stand Bracket
- Wheel Supports (4)
- Axle
- Wheels (2)
- Latch Lock Lever
- Hitch Bracket
- Drawbar Tongue
- Various Hex Bolts, Nyloc Nuts, Washers, Cotter Pins, Spacers, and a Spring Puller Tool.



Image: Front view of the Agri-Fab 350-Pound Steel Tow-Behind Dump Cart, showcasing its main components.

## TOOLS REQUIRED

To successfully assemble your Agri-Fab 350-Pound Steel Tow-Behind Dump Cart, you will need the following tools:

- One Pair of Pliers
- Two 1/2-inch Wrenches
- Two 7/16-inch Wrenches
- One Phillips Screwdriver

## ASSEMBLY INSTRUCTIONS

---

Follow these steps carefully to assemble your dump cart. It is recommended to watch the full assembly video for visual guidance.

*Video: Detailed assembly guide for the Agri-Fab Utility 10 Steel Cart.*

1. **Assemble Cart Bed Panels:** Place the two cart bed panels (Part 5) together and align the holes along the bottom lip. Insert three 1/4-20 x 3/4" hex bolts (Part E) through the holes and loosely secure them with three 1/4-20 nyloc nuts (Part F). Do not fully tighten yet.
2. **Attach Lower Rear Angle:** Take the lower rear angle (Part 4) and align it with the bed. Insert four 5/16-18 x 3/4" truss head bolts (Part D) through the holes in the bottom of the cart bed and bracket. Loosely secure them with four 5/16-18 nyloc nuts (Part G). Do not fully tighten yet.
3. **Attach Left and Right Rear Angles:** Attach the left rear angle (Part 2) to the cart body by inserting one 1/4-20 x 3/4" hex bolt (Part E) with a 1/4" washer (Part N), and loosely secure it with a 1/4-20 nyloc nut (Part F). Repeat this process for the right rear angle (Part 3).
4. **Secure Rear Angles:** Insert a 1/4-20 x 3/4" hex bolt (Part E) into the lower hole of each rear angle and loosely secure them with two 1/4-20 nyloc nuts (Part F). Then, insert another 1/4-20 x 3/4" hex bolt (Part E) into the remaining hole of each rear angle and loosely secure them with two 1/4-20 nyloc nuts (Part F).
5. **Tighten Bed Bolts:** Fully secure all bolts on the bottom of the cart bed. Then, tighten the bolts along the bottom of the tailgate reinforcement bracket and the bolts in the ends of the tailgate reinforcement bracket.
6. **Attach Tailgate Guides:** Align a tailgate guide (Part 6) inside the cart with the guide channels toward the front of the cart bed. Loosely secure it with two 1/4-20 x 3/4" hex bolts (Part E) and two 1/4-20 nyloc nuts (Part F). Repeat for the other side.
7. **Attach Bed Supports and Wheel Supports:** Turn the cart over so it rests on the tailgate reinforcement bracket. Align the bed supports (Part 7) and wheel supports (Part 10) and fully secure them using eight 5/16-18 x 3/4" hex bolts (Part D) with eight 5/16-18 nyloc nuts (Part G).
8. **Attach Latch Stand Bracket:** Align the latch stand bracket (Part 9) and fully secure it using four 1/4-20 x 3/4" hex bolts (Part E) with four 1/4-20 nyloc nuts (Part F).
9. **Install Axle and Wheels:** Place the cart upside down. Slide the axle (Part 11) through a wheel support. Slide on a 4.75" spacer (Part C). Slide the axle through the drawbar tongue (Part 15), followed by another 4.75" spacer (Part C). Then slide it through the other wheel support assembly. Slide on a large washer (Part H) onto the end of the axle. Then slide on a wheel (Part 12). Slide on another large washer (Part H). Insert an 1/8" x 1-1/4" cotter pin (Part J) and bend the ends out to secure the wheel. Repeat on the other side.
10. **Secure Wheel Supports:** Fully secure the wheel supports.
11. **Install Latch Lock Lever:** Insert the latch lock lever (Part 13) through the drawbar. Slide a 5/16-18 x 3" hex bolt (Part A) through the drawbar tongue, then slide on a 1" spacer (Part B). Slide the assembly through the latch lock lever and slide on another 1" spacer (Part B). Then slide the assembly through the drawbar tongue and fully secure it with a 5/16-18 nyloc nut (Part G).
12. **Attach Spring:** Attach the short end of the spring (Part I) to the latch lock lever. Then pull the other end using the spring puller tool (Part K) to seat it in the slot on the drawbar.
13. **Attach Hitch Bracket:** Turn the cart upright onto its wheels. Align the hitch bracket (Part 14) and secure it using two

5/16-18 x 3/4" hex bolts (Part O) and two 5/16-18 nyloc nuts (Part G).

14. **Install Tailgate:** Install the tailgate (Part 1) by sliding it into the tailgate guides.

**Agri-Fab**<sup>®</sup>  
Lawn Care Made Easy<sup>®</sup>

## LIGHT DUTY DUMP CART



*For loads up to 350 lbs.,  
10 cu. ft. heaped capacity*



*Quick-release lever  
for easy dumping*



*Pneumatic tires allow you to  
move loads over nearly any terrain*

*Image: Side view of the assembled Agri-Fab dump cart.*

## OPERATING INSTRUCTIONS

The Agri-Fab dump cart is designed for easy loading, hauling, and dumping of various materials. Follow these guidelines for optimal use.

*Video: Demonstration of the Agri-Fab Dump Cart in use with a riding lawnmower.*

### Loading

Distribute the weight of the load evenly in the cart for best handling and traction. The steel bed can hold up to 350 lbs or 10 cu. ft. of material.



*Image: Agri-Fab Dump Cart being loaded with mulch.*

## **Towing**

Attach the cart to your lawn tractor using the universal tow hitch. Ensure the hitch pin is securely fastened. The pneumatic tires allow for easy transportation over various terrains.



*Image: Agri-Fab Dump Cart attached to a lawn tractor.*

## **Dumping**

To dump materials, first remove the tailgate by lifting it straight up and out of the tailgate guides. Then, standing clear of the cart, release the spring latch on the tongue by pulling the latch lever towards the front of the cart. The cart body will then tilt backward, emptying its contents. Once unloaded, pull the front of the cart bed down towards the cart tongue until the latch lock lever snaps back into place. You may replace the tailgate if you wish.



*Image: Agri-Fab Dump Cart in dumping position.*

## **MAINTENANCE**

Proper care and maintenance will ensure your Agri-Fab dump cart lasts for years. This video provides essential safety, operation, and maintenance tips.

*Video: Safety, Operation & Maintenance guide for the Agri-Fab Utility 10 Steel Cart.*

- **Regular Inspection:** Before each use, inspect your cart for loose hardware and secure any loose fasteners immediately.
- **Tire Pressure:** Check that the tires are properly inflated. Do not overinflate them beyond the maximum recommended pressure printed on the sidewall.
- **Lubrication:** At the start of each season, lubricate the latch lock lever, latch pivot bolt, and axle with a light coating of machine oil.

## SAFETY GUIDELINES

---

Always prioritize safety when operating your Agri-Fab dump cart. Adhere to these guidelines to prevent accidents and ensure safe operation.

- **Maximum Capacity:** Do not exceed the 350-pound maximum load capacity.
- **Weight Distribution:** Distribute the weight of the load evenly in the cart for best handling and traction.
- **Towing Speed:** The maximum towing speed for the cart is 7 miles per hour.
- **Tractor Capabilities:** Always test to ensure your tractor has adequate towing and braking capabilities, especially when moving a heavy load.
- **Slopes:** If you plan to use the cart on a slope, consult the owner's manual for specific safety guidelines concerning usage on slopes.
- **Dumping Safety:** Stand clear of the cart while unlatching and dumping to avoid injury.

## SPECIFICATIONS

---

Feature	Detail
Product Dimensions	31"D x 41"W x 12"H
Brand	Agri-Fab
Material	Alloy Steel
Color	Black
Special Feature	Lightweight
Recommended Uses For Product	Outdoor
Target Audience	Adults
UPC	052613453032
Model Number	45-0303
Unit Count	1.0 Count
Item Type Name	Steel Dump Cart
Tire Type	Pneumatic Tires
Number of Wheels	2
Weight Capacity Maximum	350 Pounds
Item Weight	68 Pounds
Required Assembly	Yes

## TROUBLESHOOTING

---

If you encounter issues with your Agri-Fab dump cart, consider the following common troubleshooting tips:

- **Difficulty Dumping:** Ensure the tailgate is fully removed. For sticky materials like wet dirt or rocks, some manual assistance with a shovel may be required to completely empty the bed.
- **Assembly Issues:** If assembly instructions seem vague, carefully re-read the manual and refer to the provided video guides. Ensure all bolts are loosely fitted before final tightening to allow for proper alignment.
- **Damaged Parts:** If parts arrive damaged or bent, contact customer support immediately for assistance.

## WARRANTY INFORMATION

---

The Agri-Fab 350-Pound Steel Tow-Behind Dump Cart comes with a **3-Year Limited Warranty**. Please refer to the owner's manual for full details regarding warranty coverage and terms.

## CUSTOMER SUPPORT

---

For additional help, replacement parts, or any inquiries regarding your Agri-Fab product, please contact Agri-Fab directly:

- **Phone:** 1-800-448-9282
- **Website:** Agri-Fab.com

