

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

21b

**CHICAGO
ELECTRIC**  **WELDING**

100 LB. CAPACITY WELDING CART



Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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WARNING

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

Specifications

Weight Capacity	100 lb.
Overall Dim.	27-3/4" x 15-1/4" x 28-1/2"
Cylinder Chain Dim.	32-1/4" L x 5/8" D
Tank Capacity	11-1/4" x 10-1/8"



Important Safety Information

Assembly Precautions

1. Assemble only according to these instructions. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
3. Keep assembly area clean and well lit.
4. Keep bystanders out of the area during assembly.
5. Do not assemble when tired or when under the influence of drugs or medication.
6. Weight capacity and other product capabilities apply to properly and completely assembled product only.

Use Precautions

1. This product is not a toy. Do not allow children to play with or near this item.
2. Use as intended only.
3. Inspect before every use; do not use if parts are loose or damaged.
4. Do not exceed listed weight capacity, evenly distributed and balanced.
Be aware of dynamic loading!
Sudden load movement may briefly create excess load causing product failure.
5. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
6. Operate and store the Cart on a flat, dry, level surface.
7. Read welding equipment manual before use.
8. If using gas cylinders, be especially careful to prevent tipping or damage to the cylinders. Follow gas cylinder supplier's and gas supplier's safety instructions at all times.

Assembly Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this document including all text under subheadings therein before set up or use of this product.

Note: When attaching hardware, hand tighten only until the unit is together, then use the appropriate tools to tighten the hardware.

1. Put a Wheel (12) on the end of the Axle (13) and secure it with Washer (11) and Cotter Pin (10). See Figure A. Repeat on the other side.
2. Using four Bolts (9) and Nuts (7), attach a Caster (6) to the Bottom Shelf (5). See Figure B. Repeat on other side.

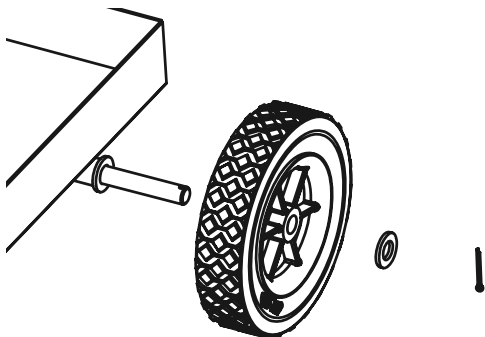


Figure A: Wheel Attachment

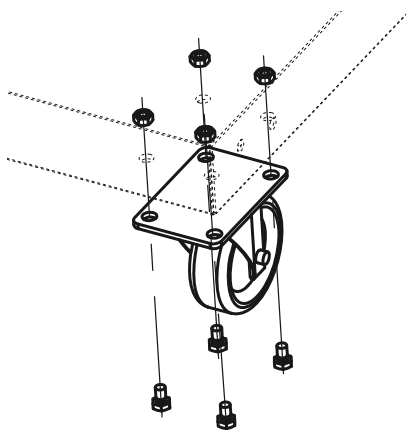


Figure B: Caster (6) Attachment

CHICAGO  **ELECTRIC** **WELDING**

3. Connect the bottom (note the hole locations in the diagram) of the Left Support (4) to the Bottom Shelf (5) using Bolts (9) and Nuts (7). See Figure C. Repeat on other side with Right Support (8).

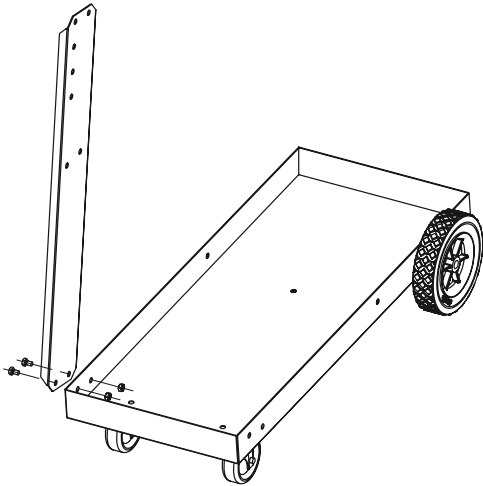


Figure C: Connection of Bottom Shelf (5) and Left Support (4)

4. Attach the Middle Shelf (3) to the Left and Right Supports (4,8) using Bolts (9) and Nuts (7).
5. Place a Hook (2) over the holes on the outside of the top of a Support (4/8), and place the Bolts (9) through both the Hook (2), Support (4), and the Top Shelf (1). Secure with Nuts (7). Repeat on other side.
6. Attach the Back Panel (14) to the Bottom Shelf (5) using Bolts (9) and Nuts (7).
7. Attach the Back Panel (14) to the Middle Shelf (3) and the Top Shelf (1) using Bolts (9) and Nuts (7).
8. Insert the Chains (15) through the holes in the Back Panel (14).
9. Wrench tighten all of the hardware.



Operation

1. Make sure that the welder and all accessories combined do not exceed the weight capacity of this cart.
2. Place any gas cylinders on the back shelf, and secure in place with both chains. Adjust chains' length to hold the cylinder(s) securely.
3. Place the welder on the top shelf and the other accessories on the other shelves.
4. Make sure everything is secure and the cart is well balanced. If the welder is unstable or does not fit securely on the shelf, do not use that welder with this cart.

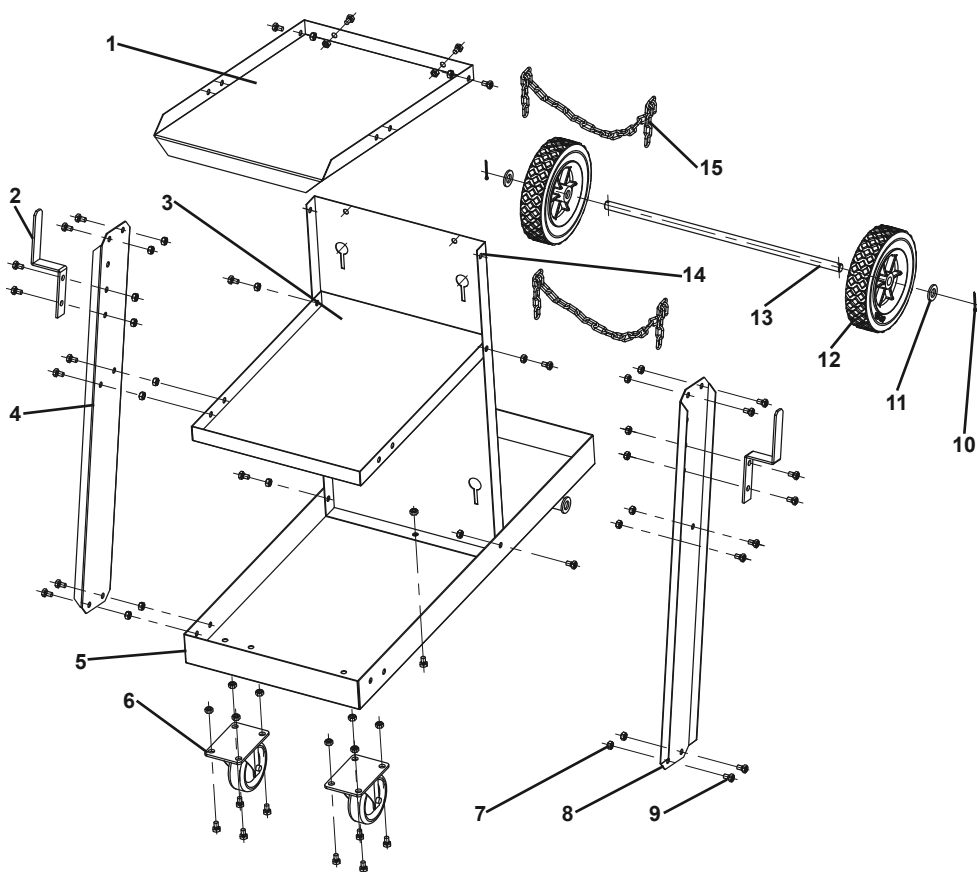
Maintenance

1. Periodically tighten all of the hardware.
2. Make sure the casters and wheels are free of all dirt, debris, or grease.

Parts List and Diagram

Part	Description	Qty.
1	Top Shelf	1
2	Hook	2
3	Middle Shelf	1
4	Left Support	1
5	Bottom Shelf	1
6	Caster (Ø2.5")	2
7	Nut (M6)	33
8	Right Support	1

Part	Description	Qty.
9	Bolt (M6 x 10)	33
10	Cotter Pin (2.5 x 25)	2
11	Washer (Ø12mm)	4
12	Wheel (Ø6")	2
13	Axle	1
14	Back Panel	1
15	Chain	2



Record Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175049407 when ordering parts.

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