

# Operation Manual




## THREE-TIER WELDING CART

Model 000.00000



**CAUTION:** Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.

**PRECAUCIÓN:** Lea, comprenda y siga todas las reglas de seguridad y las instrucciones de operación en este manual antes de operar este producto

- Safety 
- Wire Installation
- Operation
- Maintenance
- Troubleshooting
- Parts List
- Español, p. \_\_

Sears Brands Management Corporation, Hoffman Estates, IL 60179 U.S.A.

[www.craftsman.com](http://www.craftsman.com)

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## WARRANTY

### CRAFTSMAN LIMITED WARRANTY

**FOR ONE YEAR** from the date of sale, this product is warranted against defects in material or workmanship.

WITH PROOF OF SALE, a defective product will be replaced free of charge. For warranty coverage details to obtain free replacement, visit the web page: [www.craftsman.com/warranty](http://www.craftsman.com/warranty)


This ONE YEAR warranty is void if this product is ever used while providing commercial services or if rented to another person. For 90 DAY commercial and rental use terms, see the Craftsman warranty web page.


This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Sears Brands Management Corporation, Hoffman Estates, IL 60179


## SAFETY INSTRUCTIONS

### SAVE THESE INSTRUCTIONS

#### GENERAL SAFETY RULES

 **WARNING: Read and understand all instructions.** Failure to follow all instructions listed below may result in serious injury.

 **CAUTION: Do not allow persons to use this cart until they have read this manual and have developed a thorough understanding of how the cart works.**

 **WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur.** It must be understood by the operator that common sense and caution are factors which cannot be built into.

### IMPORTANT SAFETY CONSIDERATIONS

#### Falling Equipment Can Injure And Damage Equipment



 **DANGER**

- Never put any body part under unit while lifting.
- Lifting forks must extend out opposite side of base.
- Lift and support unit only with proper equipment and correct procedures.
- Follow the guidelines in the Applications Manual for the Revised NIOSH Lifting Equation (Publication No. 94-110) when manually lifting heavy parts or equipment.

#### Tipping Equipment Can Injure And Damage Equipment



 **DANGER**

- Do not move cart where two wheels are at different heights and cart could tip.
- Be careful when moving unit over uneven surfaces.
- Do not use an oversized cylinder or exceed maximum cylinder weight.

## Shielding Gas Cylinders Can Explode



### **⚠️ WARNING**

High pressure cylinders can explode if damaged, so treat them carefully.

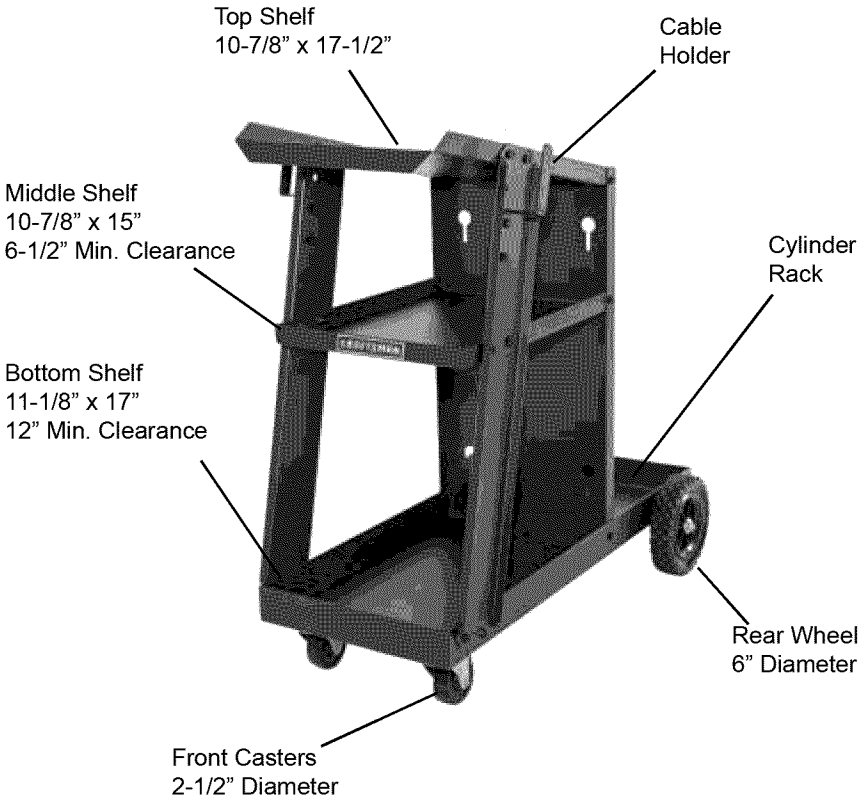
-Never expose cylinders to high heat, sparks, open flames, mechanical shocks or arcs.

- Do not touch cylinder with torch.
- Do not weld on the cylinder.
- Always secure cylinder upright to a cart or stationary object.
- Keep cylinders away from welding or electrical circuits.
- Use the proper regulators, gas hose and fittings for the specific application.

## KNOW YOUR CART

### DESCRIPTION

The Craftsman **Tire**-Tier Welding Cart is designed to hold portable wire welders, plasma cutters and TIG Welders. This cart features a three level design to help organize all your welding tools and accessories. It also has a set of cable wraps on each side for easy and safe storage of your welding cables. This unit also has an on-board cylinder rack to secure gas cylinders up to 7 inches in diameter. The 6 inch solid rubber back wheels and the 2-1/2 inch solid rubber casters help maneuver this cart. Your welder or cutter sits on the top shelf, slanted to help get a better view of the unit controls.



<b>Top Shelf</b>	The top shelf is designed to set the welder on. It is at an upward angle to provide a better angle for the operator to view the front panel controls. Shelf Space is 10-7/8" x 17-1/2".
<b>Middle Shelf</b>	The middle shelf is designed to hold any welding tools or accessories you need to keep within reach of the welder. Since the top shelf is slanted, the clearance of this shelf ranges from 6-1/2 inches in the back to 8 inches near the front. Shelf Space is 10-7/8" x 15".
<b>Bottom Shelf</b>	The bottom shelf is additional space for any welding tools or accessories you need to keep within reach of the welder. It has a clearance from the middle shelf of 12 inches. Shelf Space is 11-1/8" x 17".
<b>Front Casters</b>	The front casters help you easily maneuver your cart. They are built of hard rubber. The 2-1/2" casters swivel 360 degrees.
<b>Rear Wheels</b>	The rear wheels are made of solid rubber. They help to support the weight of a welder and a bottle of shielding gas.
<b>Cylinder Rack</b>	This cart has an on-board cylinder rack. This helps secure your bottle of shielding gas and makes it easy to move with the welder. Two securement chains are included for easy securement.
<b>Cable Holder</b>	This cart features a cable holder on each side of the cart. This is a safe and convenient means of storing welding cables when they are not in use.

## ASSEMBLY

1. Remove all items from the packing material.
2. Starting with the bottom panel, place the bottom panel on a sturdy surface with the side lips facing up. Slide the axle through the axle support on the underside of the bottom (Fig 1).

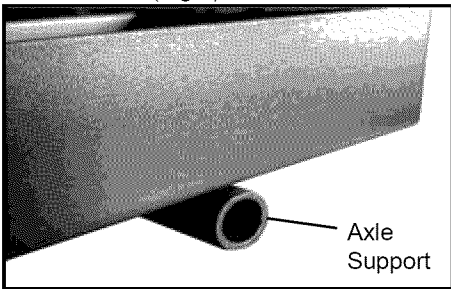


Fig 1.

3. Slide a wheel on each side of the axle.
4. Secure each wheel with a flat washer and cotter pin (Fig 2).
5. Locate the 4 pre-drilled holes at the left front of the bottom panel (Fig 3). Slide a hex bolt through one pre-drilled hole and then into the matching pre-drilled hole in the flange of one of the casters. Then secure with a hex nut. Repeat for the other 3 mounting holes.

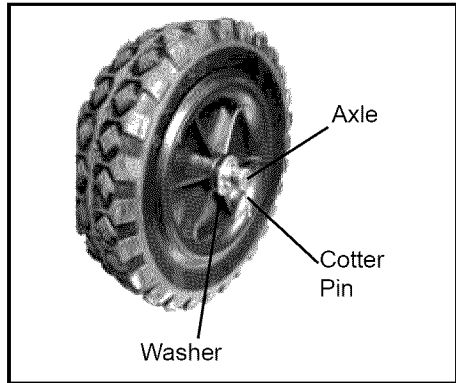


Fig 2.

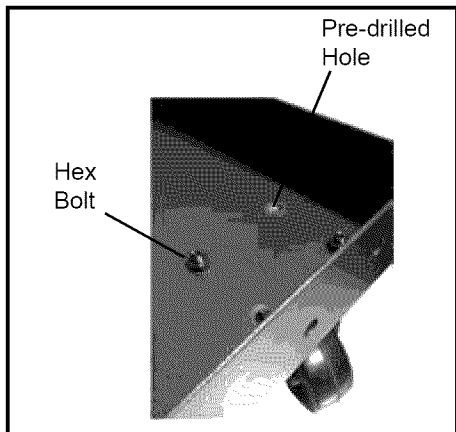


Fig 3.

6. Repeat the last step for the 4 pre-drilled holes at the right front of the bottom panel to mount the other caster.

7. For the remaining assembly steps, we recommend that all hardware be hand tightened to allow slight movement for the purpose of aligning pre-drilled holes to install hardware. At the end of these instructions, we will remind you to go back and snug all connections tight.

8. Find the left side vertical panel. With the lips out align the two pre-drilled holes of the left side vertical panel with the two pre-drilled holes in the lip of the bottom panel at the front (Fig 4). They are located right above the left side caster. Insert a hex bolt into the pre-drilled holes in the left side vertical panel and into the pre-drilled holes in the lip of the bottom panel. Secure with a hex nut. Repeat for the other mounting hole.

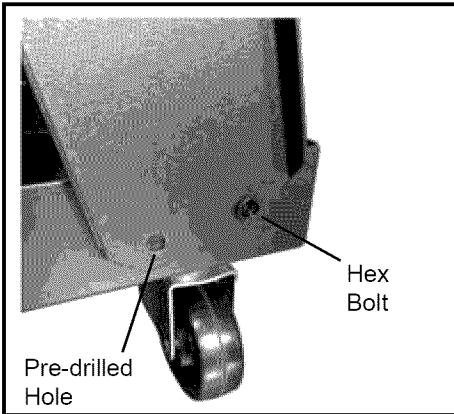


Fig 4.

9. Repeat the last step for the right side vertical panel.

10. Find the Vertical Cylinder Securement Panel. Position this panel so that the securement slots in the panel point down. Insert the down side edge into the bottom panel and align the pre-drilled holes in the side lips with pre-drilled holes in the lips of the bottom panel that are located just in front of the back wheels (Fig 5). Insert a hex bolt into the pre-drilled holes in the bottom panel and then through the pre-drilled holes in the Vertical Cylinder Securement Panel. Secure with a hex nut. Repeat for both sides and the bottom.

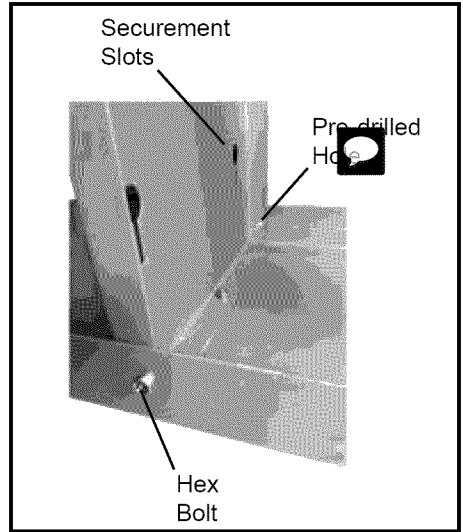


Fig 5.

11. Find the top shelf. Position this shelf so that the lips point up. Align the pre-drilled mounting holes in the lip of the top shelf with the pre-drilled mounting holes in the Vertical Cylinder Securement Panel and both the left side and right side vertical side panels (Fig 6). Using a hex bolt, slide the bolt through the pre-drilled holes in the lip of the top shelf and into the matching pre-drilled holes in the Vertical Cylinder Securement Panel, the Left Side Vertical Panel and the Right Side Vertical panel. Secure with a Hex Nut. Repeat for all the mounting holes.

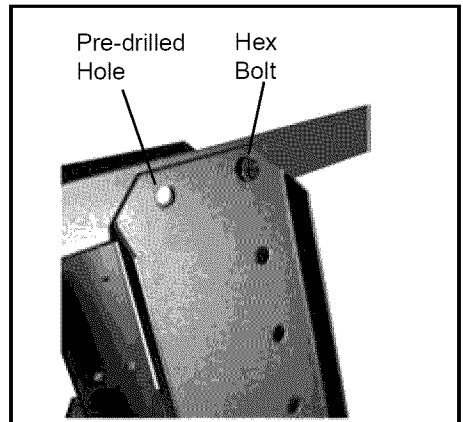



Fig 6.

12.  the middle shelf. Position this shelf so that the lips point up. Align the pre-drilled mounting holes in the lip of the middle shelf with the pre-drilled mounting holes in the Vertical Cylinder Securement Panel and both the left side and right side vertical side panels (Fig 7). Using a hex bolt, slide the bolt through the pre-drilled holes in the lip of the Middle shelf and into the matching pre-drilled holes in the Vertical Cylinder Securement Panel, the Left Side Vertical Panel and the Right Side Vertical panel. Secure with a Hex Nut. Repeat for all the mounting holes.

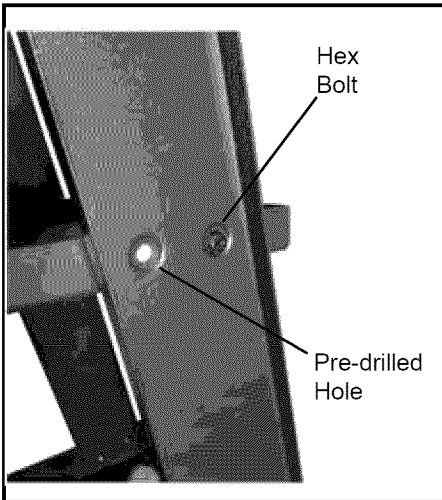




Fig 7.

13.  Find one of the cable holders. Position the cable holder so the pre-drilled mounting holes in the cable holder align with the pre-drilled mounting holes in the Left Side Vertical Panel so that the opening of the cable holder is up (Fig 8). Using a hex bolt, slide the bolt through the pre-drilled holes in the cable holder and into the matching pre-drilled holes in the Left Side Vertical Panel. Secure with a Hex Nut. Repeat for the other mounting hole. Repeat on the right side.

14.  Now go back and tighten all connections for a good and sturdy cart.

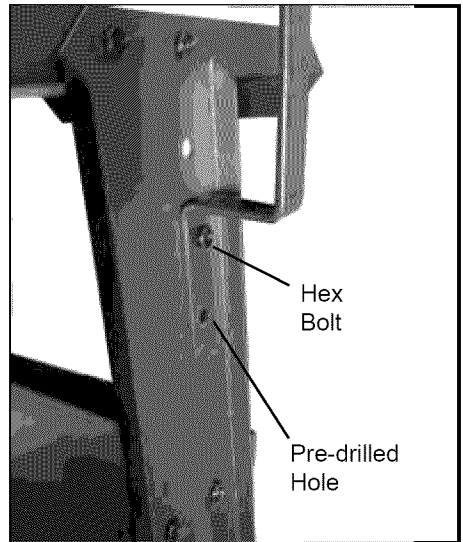



Fig 8.

15. Insert one end of the Cylinder Securement Chain into one of the slots in the Vertical Cylinder Securement Panel. Let the Chain fall down into the slot to hold it in place (Fig 9). Wrap the chain around your bottle of shielding gas and insert the other end into the other slot. Let the Chain fall down into the slot to hold it in place. Adjust the chain as needed to secure the cylinder. Repeat this step for the remaining Cylinder Securement Chain. 

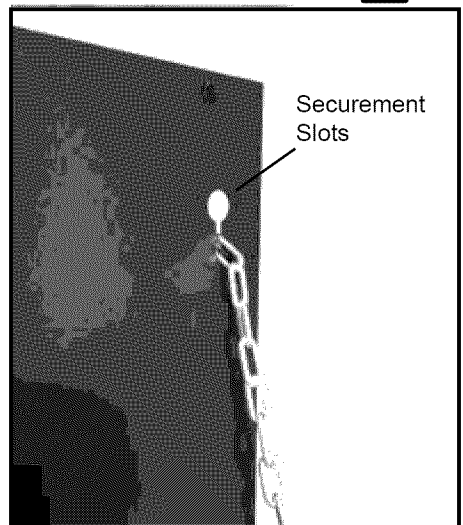
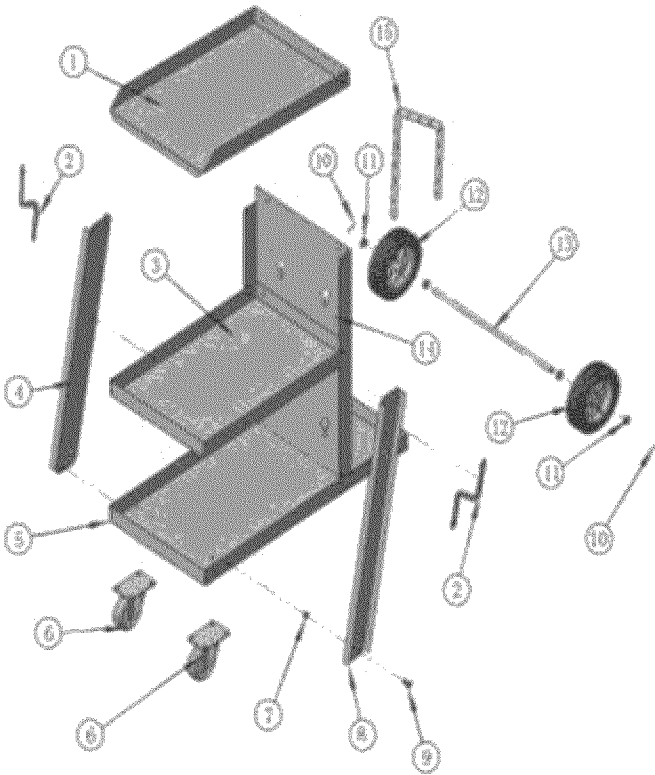


Fig 9.

# PARTS & ILLUSTRATION



Reference #	Part#	Description	Qty.
1	105100125	TOP SHELF	1
2	1051000126	CABLE HOLDER	2
3	105100127	MIDDLE SHELF	1
	175100001	CRAFTSMAN LOGO STICKER	1
4	105100128	LEFT SIDE VERTICAL PANEL	1
5	105100129	BOTTOM	2
6	105100130	CASTER 63-1/2MM X 25 MM	2
7	105100131	HEX NUT M6	33
8	105100132	RIGHT SIDE VERTICAL PANEL	1
9	105100133	HEX HEAD BOLT M6 X 10	33
10	105100001	COTTER PIN 2.5 MM X 25 MM	2
11	105100002	FLAT WASHER 13 MM IDX 23MM OD	4
12	105100003	RUBBER WHEEL 150 MM X 35 MM	2
13	105100134	AXLE 150 MM X 35 MM X 13 MM DIA.	1
14	105100135	VERTICAL CYLINDER SUPPORT	1
15	105100013	SECUREMENT CHAIN 31 INCHES	2
	175100002	OPERATOR'S MANUAL	1

**CRAFTSMAN®**

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