



MANTIS

INSTRUCTION MANUAL



67092-75

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TOOLS NEEDED

- 9/16" Wrench
- Ratchet with 9/16" Socket
- Needle Nose Pliers
- Box Cutters / Utility Knife

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- Industry leading warranties.
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3 Year Limited Warranty. Carts, excluding any finishes, casters and wheels are warranted for three (3) years from date of original purchase. Casters and wheels are warranted for 90 days from date of original purchase. We will repair, without charge, any defect due to faulty material or workmanship. These warranties do not cover failures due to abuse, misuse, improper installation, accidental damage or when repairs or modifications have been made or attempted to be made by anyone other than Granite Industries. Any defective products that meet warranty specifications and Granite Industries approval, may be returned to the factory to be repaired or replaced free of charge. (Granite Industries will pay to ship replacement item(s) to the customer; however the customer is responsible for shipment of products to the factory.) This remedy is the sole remedy in contract, tort or otherwise, and Granite Industries is not liable for incidental, consequential or special damages. These warranties give you specific legal rights, and you may have other rights which vary from state to state. Should you have any questions, contact Granite Industries (Proof of purchase may be required).



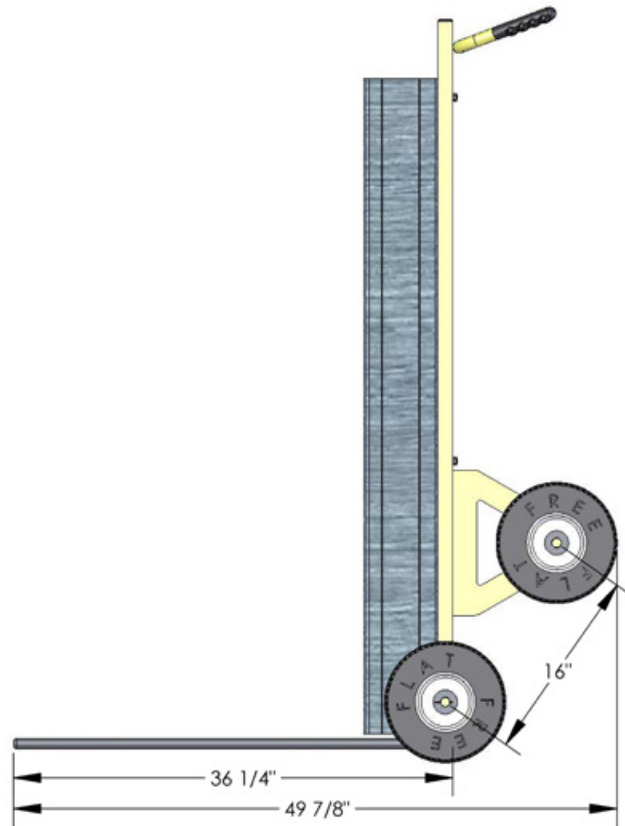
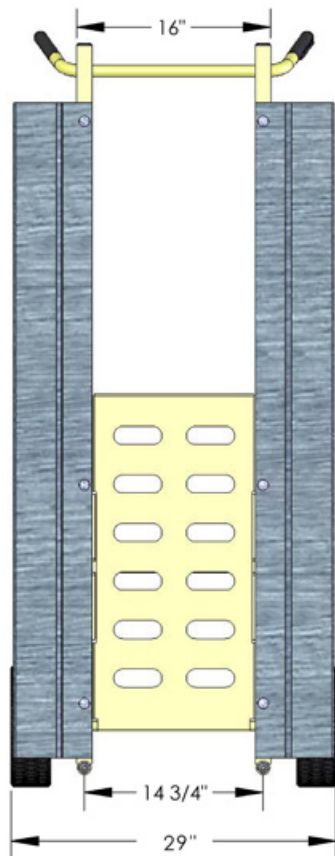
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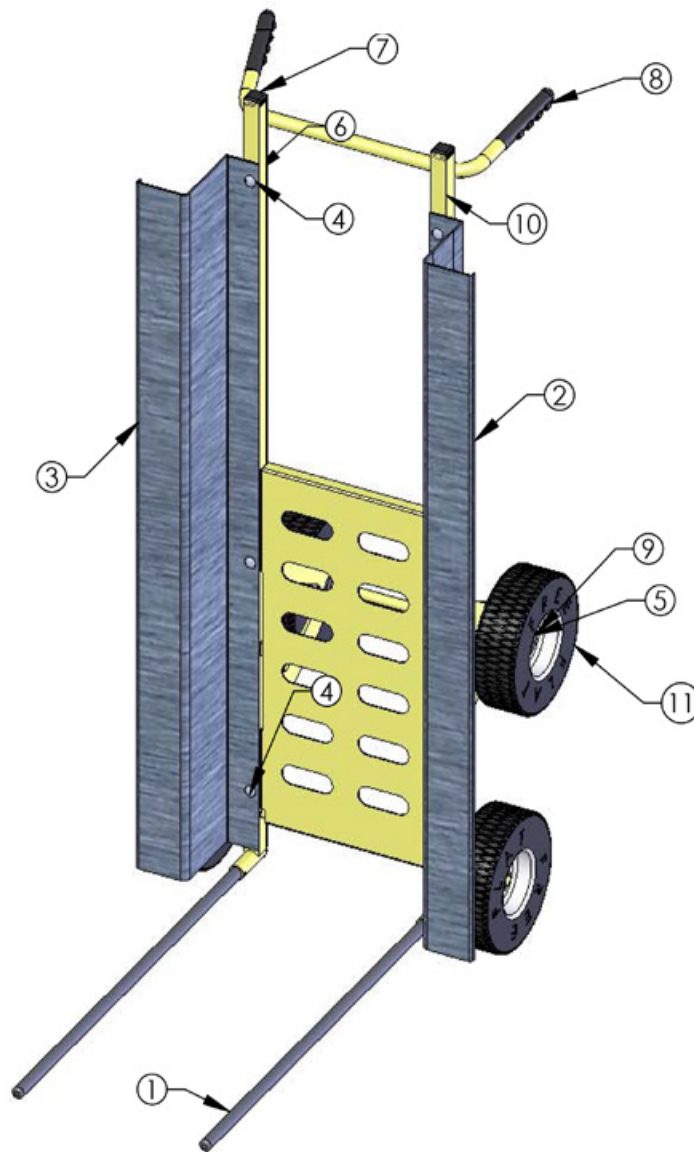
SPECS



Dimensions:*	W: 27"	D: 74"	H: 39"
Forks:	L: 34"	Spaced 14 3/4" apart	
Weight:	88 lbs.		
Capacity:	50 chairs	Capacity:	750 lbs.
Typically Ships:	UPS; some assembly required		

*Measurements taken on 4 wheels

PARTS DIAGRAM



ITEM NO	QTY	PART NO	DESCRIPTION	
1	2	MI-04-0450	MANTIS FORK	
2	1	MI-08-0513	RIGHT MANTIS FENDER	
3	1	MI-08-0514	LEFT MANTIS FENDER	
4	6	PI-01-0158	3/8" CARRIAGE BOLT (1 3/4" L)	
5	4	PI-01-0226	1-1/4" COTTER PIN	
6	6	PI-01-0236	3/8" LOCK NUT	USE 9/16" WRENCH/SOCKET
7	2	PI-04-0108	1-1/4" SQUARE CAP	
8	2	PI-04-0109	HAND GRIP	
9	6	PI-01-0451	3/4" WASHER	
10	1	MI-12-5663	CART BODY	
11	4	PI-06-0115	10" STEEL OFFSET HUB WHEEL	

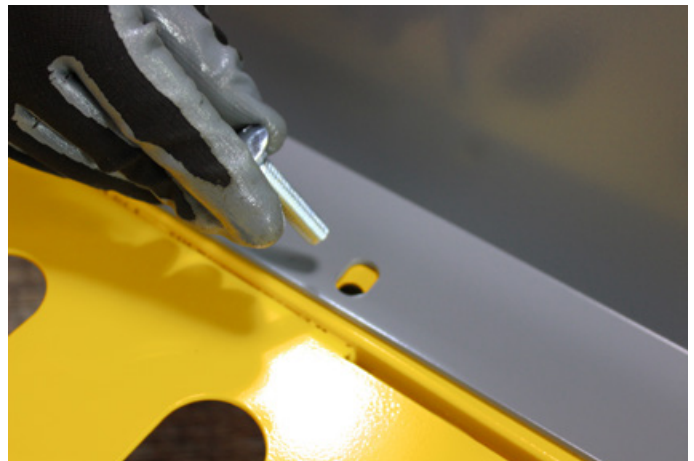
STEP 1: INSTALL FENDERS

COMPONENTS		
ITEM NO	QTY	DESCRIPTION
1	1	Multi Mover Cart Body
2	1	Right Mantis Fender
3	1	Left Mantis Fender
4	6	3/8" Carriage Bolt
6	6	3/8" Lock Nut
10	1	Cart Body
TOOLS		
9/16" Wrench/Socket		



1

With the cart resting on the axles, align one of the fenders over the cart body.



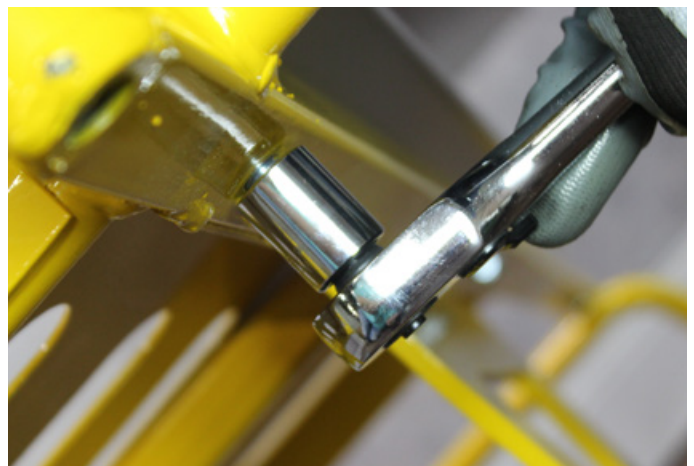
2

Insert the carriage bolts into the 3 holes.



3

Finger tighten the lock nut onto the carriage bolt. Repeat steps 2 & 3.

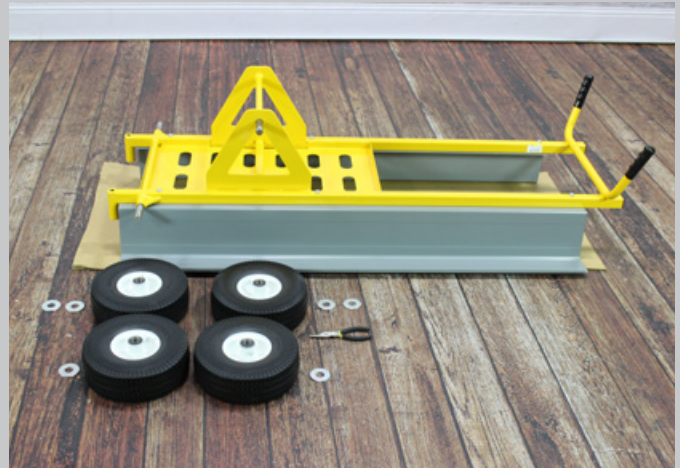


4

Tighten the nut down with a **9/16" wrench/socket**. Repeat for all bolts. Repeat steps 1-4 to install the second fender.

STEP 2: REAR WHEEL ASSEMBLY

COMPONENTS		
ITEM NO	QTY	DESCRIPTION
5	2	1-1/4" Cotter Pin
9	4	3/4" Washer
11	2	10" Offset steel hub wheel
TOOLS		
Needle nose pliers		



1 Slide a 3/4" Washer onto rear axle followed by one of the steel hub wheels. The offset side of the wheel should be facing the cart body.



2 Install a second 3/4" washer onto the wheel.

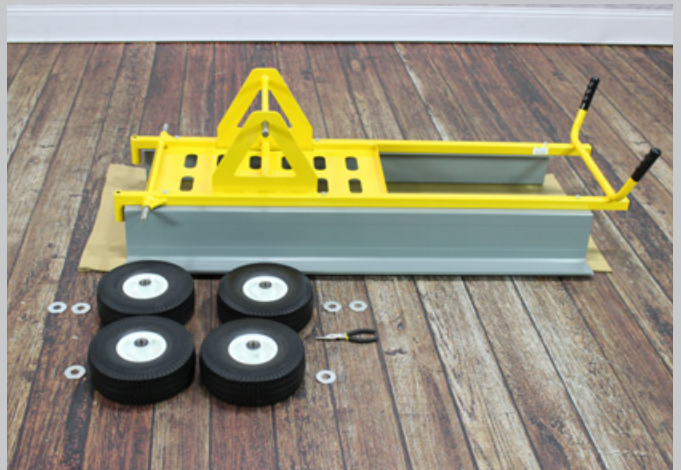


3 Insert a cotter pin and bend the prongs outward to secure it in place with a **needle nosed pliers**. Repeat steps 1-3 on the other side.

STEP 3: FRONT WHEEL ASSEMBLY

COMPONENTS		
ITEM NO	QTY	DESCRIPTION
5	2	1-1/4" Cotter Pin
9	2	3/4" Washer
11	2	10" Offset steel hub wheel

TOOLS		
Needle nose pliers		



1 Slide a 10" steel hub wheel onto the front axle. The offset side of the wheel should be facing the cart body.



2 Install a second 3/4" washer onto the wheel.



3 Insert a cotter pin and bend the prongs outward to secure it in place with a **needle nosed pliers**. Repeat steps 1-3 on the other side.



CHECK POINT
Your cart should look like this.
If so, continue onto the next step.

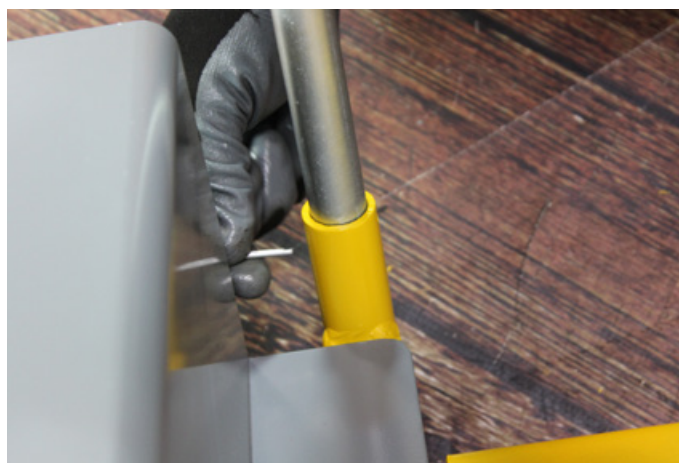
STEP 4: FORK INSTALLATION

COMPONENTS		
ITEM NO	QTY	DESCRIPTION
1	2	Mantis Fork
5	2	1-1/4" Cotter Pin
TOOLS		
Needle nose pliers		



1

Insert the forks into the fork pockets on the front of the cart.



2

Slide a cotter pin through the fork pocket and fork.



3

With a **needle nosed pliers** bend the ends of the cotter pin outward, locking the forks in place.



Your Mantis is now fully assembled.