MechMaxx

RELIABLE EFFICIENT VALUE

2-TON CAPACITY HEAVY-DUTY DUMP TRAILER

SKU	150256
Model	**DT4X8W**



OPERATOR'S MANUAL

This manual contains important safety precautions. Read and understand this manual carefully before using the product. Failure to follow these instructions may result in serious injury.

The specifications, descriptions, and illustrations in this manual are as accurate as possible at the time of publication, but are subject to change without notice.

Keep this manual with the product for future reference.

INTRODUCTION

Before operating the machine, please read this manual carefully and make sure you understand all safety warnings, assembly instructions, operating procedures, maintenance requirements, and troubleshooting information. Proper assembly, safe operation, and regular maintenance will help ensure reliable performance, extend the service life of the machine, and reduce the risk of personal injury or equipment damage.

The illustrations and specifications in this manual are for reference only. The actual product may vary slightly due to model configuration, production updates, or technical improvements. If you have any questions during assembly, operation, or maintenance, stop using the machine and contact your dealer or service representative for assistance.

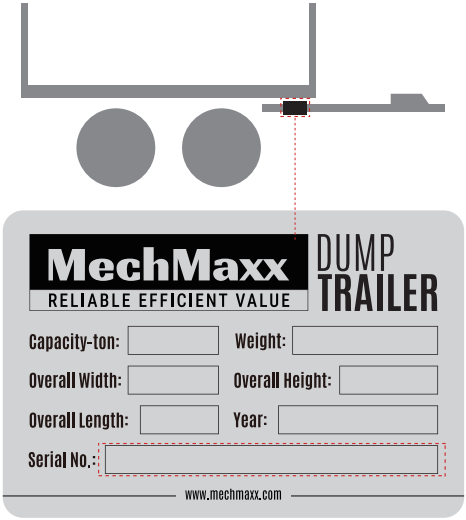
This machine is designed for specific applications only. We strongly recommend that this machine not be modified or used for any application other than its intended purpose. If you have any questions regarding a particular application, DO NOT use the machine until you have contacted us to determine whether the application can or should be performed with this product.

Ordering Parts

Use only genuine MechMaxx parts when servicing or repairing this machine. Replacement parts manufactured by other companies may fit this machine, but they may present potential safety hazards. Replacement parts can be purchased from your authorized MechMaxx dealer.

- The serial number of your machine
- The part number
- The part description
- The quantity needed

SCAN THE QR CODE TO CONTACT US



Safety Definitions

⚠ DANGER!

Indicates an imminently hazardous situation which, if not avoids, will result in death or serious injury.

⚠ WARNING!

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION!

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

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SPECIFICATIONS

Model	DT4X8
Capacity	37.5 cu.ft.
Dump	Rear
Axle	Tandem
Tire Size	20×10-8
No. of Tires	4
Weight	750 lbs
Bed Width	48 in
Bed Height	15 in
Bed Length	92 in
Bed Floor	T1.5
Overall Width	50 in
Overall Height	42 in
Overall Length	136 in
Dump Angle	45°
Panel Height	15 in
Tongue Jack	STD.
Packing Size	53 × 21 × 98.5 in
Weight (N.W./G.W.)	831/1018 lbs

SAFETY SIGNS

The SAFETY SYMBOL indicates there is a potential hazard to personal safety involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

LABEL	MEANING
	**WARNING LABEL** This label provides important safety instructions for operating the dump body. Failure to follow the warnings may result in an accident, serious injury, or death.
	**SAFETY PROP WARNING LABEL** This label warns that the safety prop must be used when working under a raised dump body to help prevent serious injury or death.
	**CRUSH HAZARD DANGER LABEL** This label warns people to stay clear of the dump body when it is raised and to use a locked safety prop to help prevent crushing injury.
	**OVERHEAD OBSTRUCTION DANGER LABEL** This label warns that overhead obstacles such as power lines, bridges, and tree limbs can cause serious injury or death. Ensure the PTO is disengaged and the dump body lowering lever is in the down position before moving the vehicle.
	**OFF-ROAD USE CAUTION LABEL** This label warns that the vehicle is for off-road use only and must not be operated at speeds over 20 MPH.
	**LOAD CAPACITY CAUTION LABEL** This label indicates the maximum load capacity: 2 tons for the trailer/dump body and 1 ton for the drawbar/tongue area.

They were designed to help you safely operate your implement. Read and follow their directions.

1. Keep all safety labels clean and legible.
2. Replace all damaged or missing labels. mechmaxx.com
3. Some new equipment installed during repair requires safety labels to be affixed to the replaced component as specified by mechmaxx. When ordering new components make sure the correct safety labels are included in the request.

ASSEMBLY INSTRUCTIONS

1. Attach left and right hand wheel carriers to main chassis using 3/4" × 8" pin. Secure with cotter pin.

2. Install four wheel/tire assemblies onto wheel carrier. Secure with 1" flat washer and cotter pin.

3. Install the tongue assembly by first attaching the rear of the tongue to the main chassis. using the 1/2× 4-1/2" bolt, lock washer, and nuts.

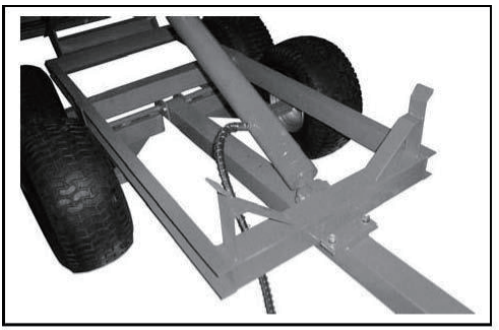
4. Install tongue jack by removing clip ring from tongue, positioning jack swivel plate, and reinstalling the clip ring to secure the jack.

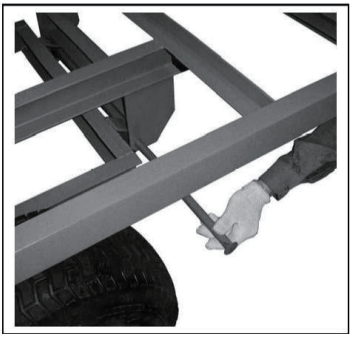
5. Secure the bed to the main chassis rear pivot pipe using the 3/4"×21-1/2" clevis pin. Secure with a 3/4" washer and cotter pin.

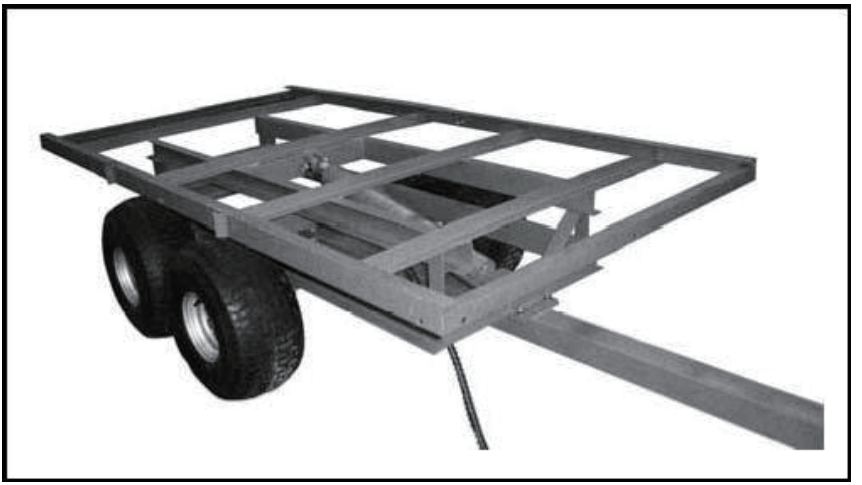
6. Install tailgate and front panel supports by securing to rear and front of bed frame using 3/8" × 1" bolts, washers, and nuts.

7. Insert three 1×6 side boards and two side support stakes on each side. Install tailgate and front panel.

Scan to view the installation video.







SAFE USE AND OPERATION RULES

Towing vehicle

-Make sure the vehicle is capable of towing the load.

-Excess speed is the second most important cause of car-trailer accidents.

-The recommended maximum speed for all passenger cars towing trailers is 20 mph.

Hitch, Ball, Coupler

-Check that the hitch on the towing vehicle is capable of towing the trailer. The towing capability of the hitch is normally stamped on hitch drawbar.

-Make sure the coupler and ball are properly matched in size and are rated for a load equal to or greater than the intended load.

-Never attach anything other than the proper size coupler to the ball for towing.

Loading

-Never overload the trailer. Maximum load is 4400 lbs.

-Load trailer evenly from side to side with 60% of the load forward to the axle. It is important that the tongue be pressing down on the hitch, but it must not exceed a downward force of 500 pounds.

-Reduce weight in car trunk and rear seat areas by amount of tongue weight of your trailer.

-It is against the law to carry passengers in the back of any trailer.

Lighting

-Check the lights before each use and every 100 miles to ensure that the brake lights, tail lights, and turn signals are working properly. Replace any broken lenses, reflectors or bulbs.

-Check wires for good connections and possible fraying or wearing of insulation.

-Bulbs supplied with this trailer are for 12 volt system.

Tires

-Check tires for wear and proper inflation before each use and every 100 miles.

-Tire pressure should be kept at 22 PSI.

-Check and tighten lug nuts. Torque to 85-90 FT-LBS.

-Re-torque after the first 50 miles.

Hydraulic compact power unit system

- Press the " UP" button to lift up the carrier and press the "DN" button to move down the carrier.

- Don't forget to check the Hydraulic oil and add it when it is at a low level.

- Provide the system enough power (DC12V), please recharge the battery for the proper time.

- Make sure there are no people inside the trailer before turning on.

- Keep distance from the trailer when it works.

Operation

-Do not tow this trailer on highways or on public thoroughfares

-Remember the loaded weight of the trailer will increase your braking and stopping distances appreciably.

-When towing a trailer over long distances stop and check tightness of all connections lights and running gear every 100 miles.

-Carry emergency flares, and fire extinguisher if required for operation in your state.

Maintenance

-Check and maintain the trailer, Coupler, Ball and hitch before each use and every 200 miles.

-Inspect the hitch and ball during everyday use.

-Ball or hitch can be damaged in parking, hitting curbs, dragging when crossing ditches or railroad tracks.

-To prevent bearing damage, disassemble and repack wheel bearing with a good grade of wheel bearing grease every 2000-3000 miles or yearly.

Attention: Before using the trailer for the first time, please prepare the hydraulic oil by yourself, this is not provided. We do not provide a spare wheel or battery charger. It is necessary for you to provide them.



Spare Wheel



Jack

Important:

The purposes of the following notices are to give you tips on safe use and operation of your trailer.

1. Never allow children to operate the tractor or the trailer attachment.

2. Please read the instructions carefully and follow them step-by-step for easy assembly. Please keep the instructions handy for no less than 1 year.

3. Please double check the assembly step-by-step, be sure each is followed.

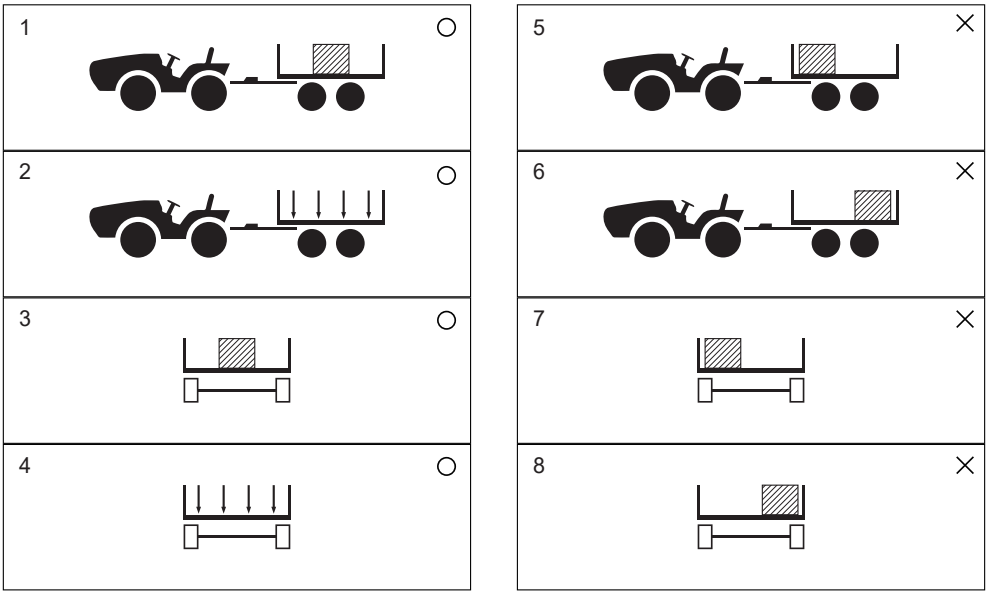
4. Before using, please inspect your trailer.

Notice:

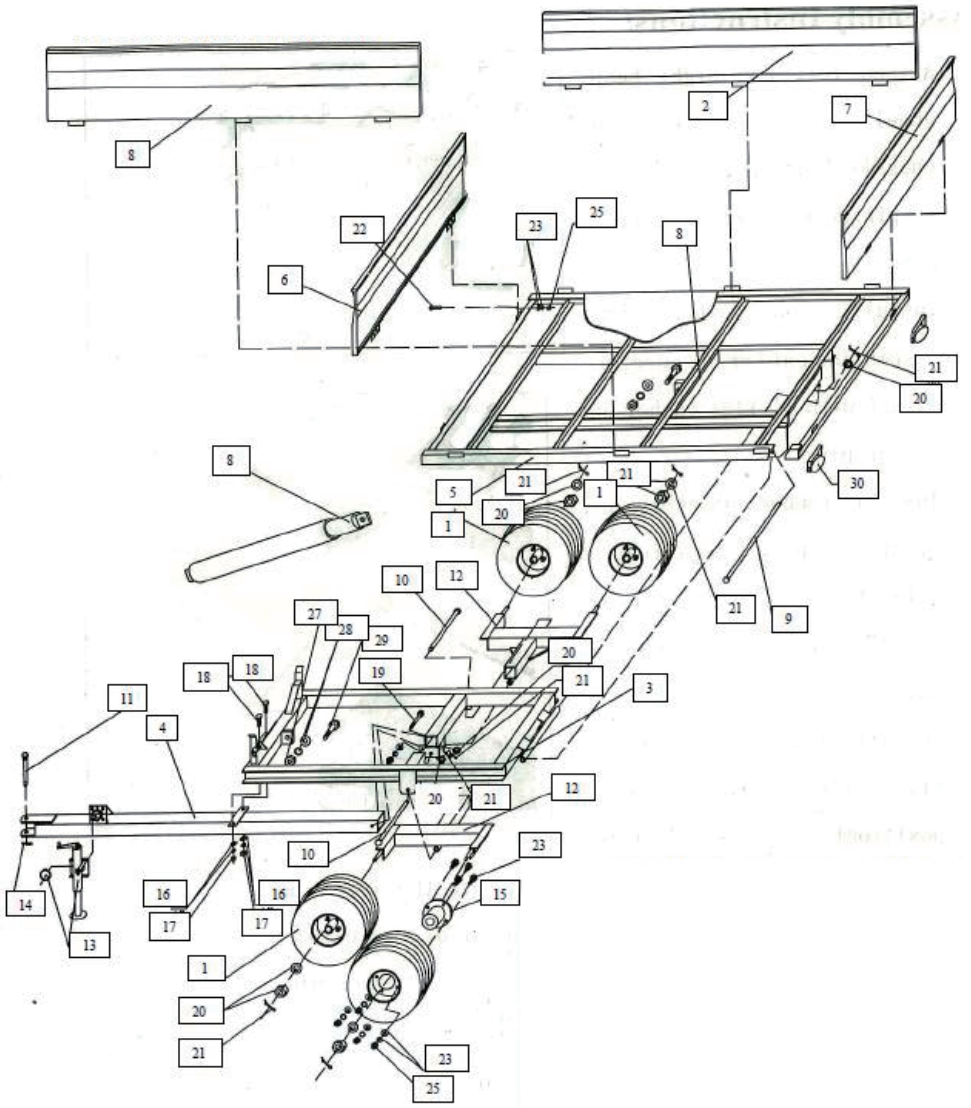
- Re-grease bearing after every 3000 miles of use.
- Keep tire pressure at 22 P.S.I. cold.
- Make sure to provide DC 12V power to the Hydraulic compact power unit.
- Add the hydraulic oil when oil level is low.
- Please ensure you comply with the following before using your trailer.

1. Tighten U-bolt.
2. Tighten lug nut.
3. Tighten trigger lock on coupler.
4. Trailer load should not exceed its 4400 lbs capacity and should be properly secured.
5. Trailer load size should not exceed trailer's bed board size.

Correct way to load your trailer



DOUBLE AXLE TRAILER



NO.	DESCRIPTION
1	Wheel
2	Side Boards
3	Bottom Beam
4	Tongue
5	Trailer Frame
6	Front Wall Panel
7	Rear Wall Panel
8	Side Panel Pin
9	Long Shaft
10	U-Bolt
11	Hex Bolt M10 x 12
12	Wheel Axle
13	Trailer Jack/Circlip
14	Coupler
15	Flange
16	Washer 12
17	Nut M12
18	Hex Bolt M12 x 30
19	Hex Bolt M12 × 120
20	Flat Washer 25
21	Cotter Pin 5 x 25
22	Hex Bolt M10 x 25
23	Washer 10
24	Hex Bolt M10 x 30
25	Nut m10
26	Dump Cylinder
27	Nut M20
28	Washer 20
29	Hex Bolt M20 x 90
30	Rear Light

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Our company is committed to continuous product improvement. The actual product may differ from the pictures or descriptions in this manual. Specifications and design are subject to change without prior notice.

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