

STEEL TOW-BEHIND DUMP CART

USER MANUAL

[Revision 1.0 November 2015]

RETAIN THIS MANUAL FOR FUTURE REFERENCE

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE

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GENERAL WARNINGS

READ and UNDERSTAND this manual completely before using the Utility Dump Cart.

Operator must read and understand all safety and warning information, operating instructions, maintenance and storage instructions before operating this equipment. Failure to properly operate and maintain the utility dump cart could result in serious injury to the operator or bystanders.

OPERATION WARNINGS

- Do not at any time carry passengers sit or stand on the cart.
- Do not allow children to play on, stand upon or climb in the cart.
- Always inspect the cart before using to assure it is in good working condition.
- Replace or repair damaged or worn parts immediately.
- Always check and tighten hardware and assembled parts before operation.
- Do not exceed equipment maximum load capacity of 545kg.
- Avoid large holes and ditches when transporting loads.
- Be careful when operating on steep grades (hill) the cart may tip over.
- ALWAYS operate at reduce speed in rough terrain, along creeks, ditches and on hillsides.
- Do not operate close to creeks, ditches and public highways.
- To avoid personal injury and/or equipment damage DO NOT EXCEED 16 KPH.
- Always use caution when loading and unloading the cart.
- Only tow with recommended vehicles (Lawn/Garden Tractors and ATVs).
- Always secure and lock dump cart to the vehicle hitch before operating.

CRUSH AND CUT HAZARDS

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean when operating.

- Always wear safety gear, eye protection, gloves and work boots when operating the cart.

 **WARNING** 

The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.

ASSEMBLY IS REQUIRED

This product requires assembly before use. See “Assembly” section for instructions. Because of the weight and/or size of the utility dump cart, it is recommended that another adult be present to assist with the assembly. **INSPECT ALL COMPONENTS** closely upon receipt to make sure no components are missing or damaged.

HAZARD SIGNAL WORD DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

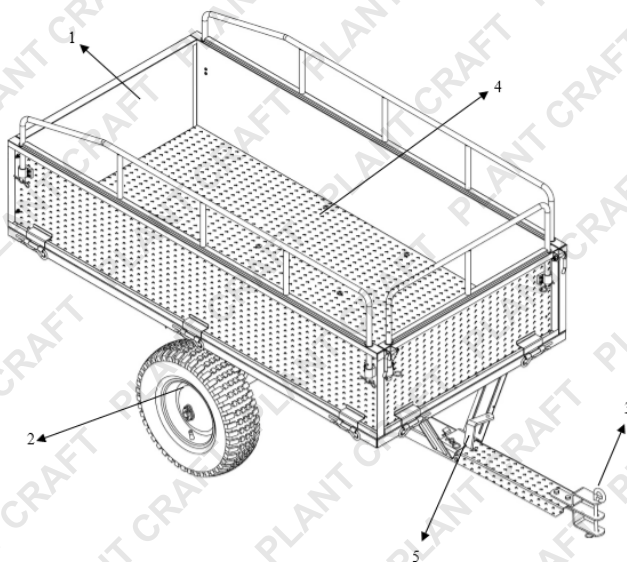
ABOUT YOUR UTILITY DUMP CART

This utility dump cart has a rugged steel construction and is designed to carry a wide range of materials. The dump cart will easily haul up to 545kg of tools, firewood, animal feed, trash, landscaping materials, cement or anything else that needs to be moved. Easy to use removable tailgate makes loading and un-loading fast and convenient. Never exceed the rated load capacity of 545kg when operating the utility dump cart.

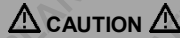
Technical specifications on the utility dump cart are provided in the “Specifications” section of this manual.

CONTROLS AND FEATURES IDENTIFICATION

Read this owner's manual before operating the equipment. Familiarize yourself with the location and function of the controls and features. Save this manual for future reference.



1. **Removable Tailgate** – Push up to remove for loading and unloading.
2. **Tyres / Wheel** – Do not exceed the recommended rate 25 PSI.
3. **Hitch** – Pin-type design use only with approve vehicles.
4. **Utility Cart Box** – Do not exceed rated load capacity 545kg.
5. **Release Pedal** – Release the cart bed.



Read and follow all instructions for assembly and operation. Failure to properly assemble this equipment could result in serious injury to the user or bystanders, or cause equipment damage.

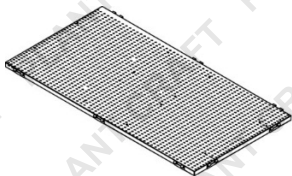
UTILITY DUMP CART COMPONENT PARTS AND ASSEMBLY

Take all parts out of the shipping crate and inspect components to ensure there are no missing pieces before starting to assemble the utility dump cart follow steps 1 through 9.

TOOLS REQUIRED

- Pliers
- Screw Driver
- 10mm Wrench
- 13mm Wrench

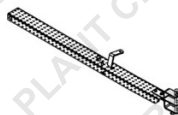
COMPONENT PARTS



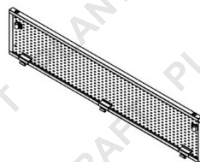
Bottom Panel
1pc



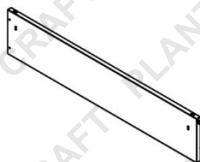
Wheel Axle Support
2pcs



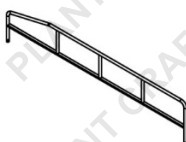
Hitch Tongue
1pc



Left Side Panel
1pc



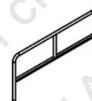
Right Side Panel
1pc



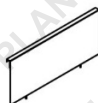
Side Rail
2pcs



Front Panel
1pc



Front Rail
1pc



Rear Panel
1pc



Left Card Slot of
Rear Panel
1pc



Right Card Slot of
Rear Panel
1pc



Wheel Axle
1pc



Tongue Support
1pc



Wheel Assembly
2pcs



Hinge Pin Nylon Lock
8pcs



Screw M6x16
8pcs



Screw M8x16
8pcs



R Pin Ø3
9pcs



Nut M6
8pcs



Nut M8
8pcs



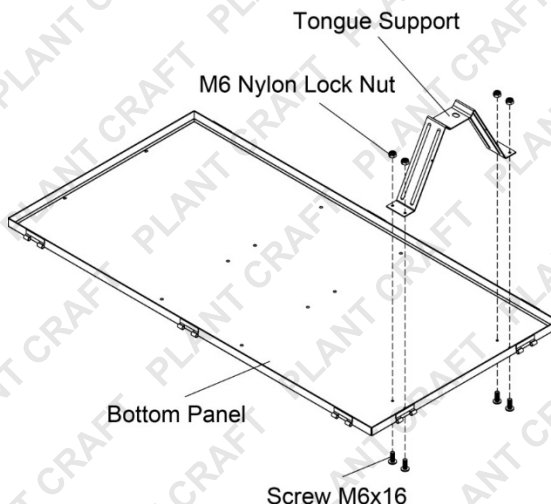
Flat Washer Ø20
4pcs

NOTE: You may have extra nuts & bolts when finished.

ASSEMBLY INSTRUCTIONS

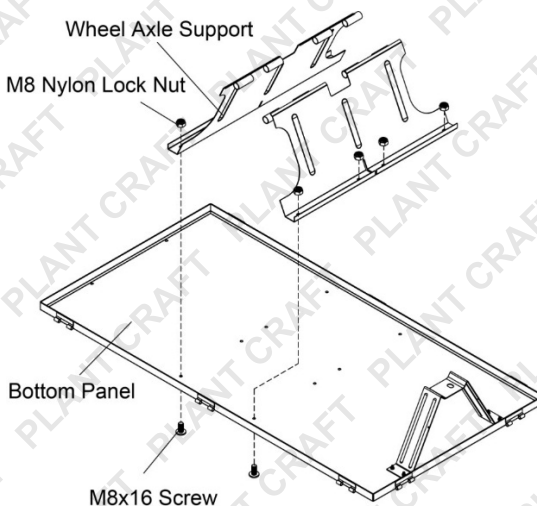
STEP 1: ATTACH TONGUE SUPPORT

Attach the tongue support to the bottom panel using four sets of M6x16 screws and M6 nylon lock nuts. Loosely tighten the nuts.



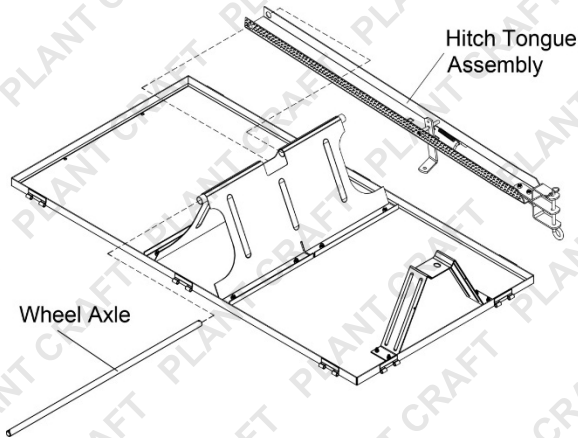
STEP 2: ATTACH WHEEL AXLE SUPPORT

Attach the two wheel axle supports to the bottom panel using eight sets of M8x16 screws and M8 nylon lock nuts. Loosely tighten the nuts.



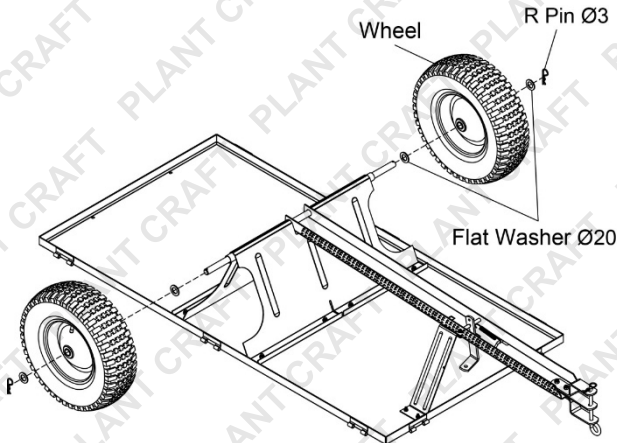
STEP 3: ATTACH WHEEL AXLE & HITCH TONGUE

1. Position the hitch tongue assembly in the wheel axle support.
2. Slide the wheel axle through the wheel axle support and hitch tongue assembly.
3. Tighten all the hardware in Steps 1 through 3.



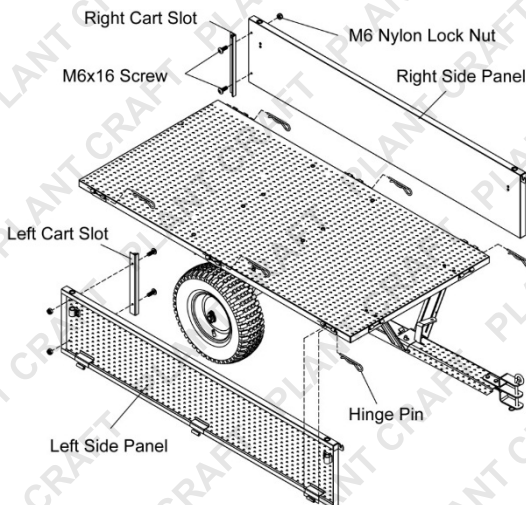
STEP 4: ATTACH THE WHEEL

1. In the following order insert one Ø20 flat washer, wheel assembly, and Ø20 flat washer and secure with an Ø3 R pin.
2. Repeat for the other side of the axle.



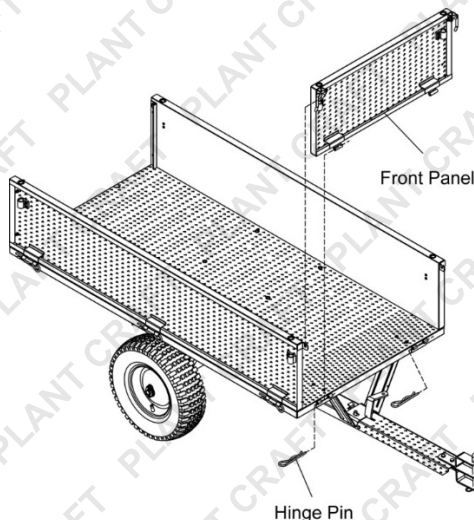
STEP 5: ATTACH THE CARD SLOT AND SIDE PANEL

1. Attach the left & right card slot on each side of the left & right side panels using two sets of M6x16 screws and M6 nylon lock nuts.
2. Secure the side panels to the bottom panel using three hinge pins per side panel.



STEP 6: ATTACH FRONT PANEL

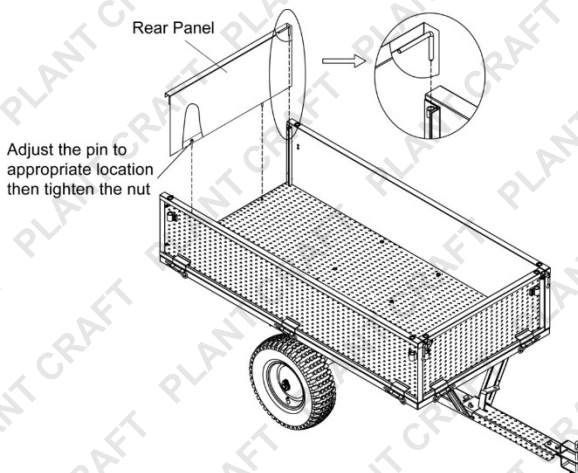
Attach the front panel assembly to bottom panel and secure using two hinge pins. Lock the left and right side panel assembly in place using the handle.



STEP 7: ATTACH REAR PANEL

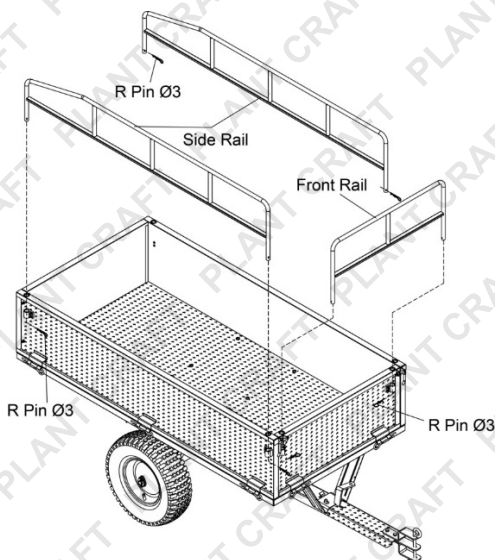
Slide the rear panel assembly through the slots on the back side panels.

NOTE: The rear panel pins must go through the holes on the side panels to lock the panel in place.



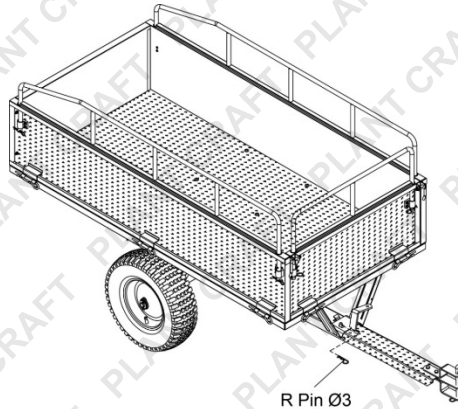
STEP 8: ATTACH SIDE RAILS AND FRONT RAIL

Attach the side rails into the two holes on the side panels then insert four Ø3 R pins. Secure the front rail using the two Ø3 R pins.



STEP 9: ATTACH R PIN ON HITCH TONGUE

1. Insert Ø3 R Pin into the release plate stem behind the release pedal to keep the cart from dumping.
2. Remove the Ø3 R Pin and step on the release pedal to dump load.



OPERATION INSTRUCTIONS



WARNING

Before using the utility dump cart, review the instructions below and safety information before operating. Failure to follow these instructions may result in property damage or injury to the operator or bystanders.

USING YOUR UTILITY DUMP CART

1. **DO NOT** exceed rated capacity of 545kg.
2. **NEVER** tow the dump cart with box raised.
3. **ALWAYS** secure and lock the utility cart to the vehicle hitch before operating.
4. **DO NOT** over fill the utility dump cart. Over flow loads can cause the cart and towing vehicle to lose traction and skid out of control.
5. **ONLY** fill the dump cart to a comfortable dumping load. Extremely heavy loads will be difficult to operate and dump.
6. **ALWAYS** use the dump cart for its intended purpose.
7. **ONLY** use approved vehicles when towing the dump cart (Lawn/Garden Tractors and ATVs).
8. **ALWAYS** make sure that the tow vehicle and the combined weight of the operator **MUST BE** greater than the load of the cart weight for proper control.

STEEL TOW-BEHIND DUMP CART

9. **DO NOT** use cart on public highways or roads.
10. **NEVER** exceed 16kmh when towing the dump cart.
11. **DO NOT** make sharp turns that may cause the Lawn/Garden Tractor or ATV tyres to rub against the utility dump cart.
12. **ALWAYS** slow down before turning.
13. **ALWAYS** use caution when backing the utility cart. To avoid the cart from "jack-knifing" always back up in a straight line.

MAINTENANCE AND STORAGE



Improper maintenance and storage of the utility dump cart may void your warranty.

MAINTENANCE

- After each use clean material out of the cart box.
- Rinse/dry inside and outside of the dump cart after each use.
- Before operating make sure the tyres have the RECOMMENDED TYRE PRESSURE 25 PSI.
- Regularly grease axle and wheel bearing area or when needed.
- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate parts.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.
- Never exceed load capacity rating of 545kg it will damage the utility dump cart.

IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operations.

STEEL TOW-BEHIND DUMP CART

STORAGE

- Never allow material to remain in the utility dump cart for extended periods of time.
- Before storing make sure the cart is clean and dry for years of trouble free service.
- Store indoors or protected area during severe weather and winter months.
- When storing outside always keep the tongue lower to the ground so the cart is not level to allow moisture to easily run off and not stand.

SPECIFICATIONS

LOAD CAPACITY	545kg
BOX AND FRAME MATERIAL	Steel
HOPPER DIMENSIONS (WITH SIDE RAIL)	149.86cm x 77.47cm x 51.69cm
OVERALL DIMENSIONS	213cm x 84cm x 97cm
AXLE DIMENSIONS	1.98cm x 82.04cm
WHEEL SIZE	40.64cm x 12.7cm
WHEEL TYPE	Pneumatic
HITCH TYPE	Pin Style
TYRE PRESSURE (PSI)	25
UNIT WEIGHT	74kg



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged / missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections / servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.



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