

# TOWING WASTE BINS ON RAMPS MADE EASY



Australia Wide Sales & Service

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**MATERIALS**  
**Handling** PTY LTD *Working with ease.*

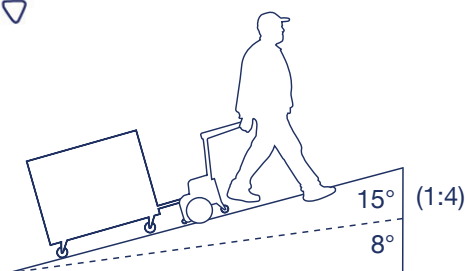
# Tug Rise PATTERY POWERED TUG



The Tug Rise pedestrian operated electric tug has been designed to tow on slopes or ramps, and is capable of towing up to 1 tonne on a 15 degree ramp with ease, or up to 5 tonne on a flat surface.

The Tug Rise is the ideal solution for moving 660 litre and 1100 litre bins on ramps with an incline of 1:4. Universal towing devices (to suit 660 and 1100 litre bins) are also available, as well as directional lock mechanisms for swivel castors to help improve your waste management.

The Tug Rise is designed to improve safety and efficiency, whilst reducing the risk of accidents that can occur when manually moving very heavy loads.



## Typical applications

Suitable for moving heavy bins and trolleys on sloped driveways/ramps, around high-rise building/apartment basements, or around caravan parks.

## Features

<b>Tow capacity</b>	1000 kg up a 15 degree incline, or up to 5,000 on a flat surface.
<b>Max. speed</b>	Up to 3 km/hour
<b>Speed mode</b>	Three speed control with forward, reverse and emergency stop.
<b>Usability</b>	<ul style="list-style-type: none"><li>• Ergonomic design with folding tiller handle.</li><li>• Turret with turret lock for easy reversing.</li><li>• Heavy duty high-traction wheels (black).</li><li>• Simple to use.</li><li>• Quiet, smooth operation.</li><li>• Zero emissions.</li><li>• Park brake release—to enable manual operation in the event of a flat battery.</li><li>• Low maintenance</li></ul>
<b>Hitching</b>	<ul style="list-style-type: none"><li>• Wide variety of hitches available for easy attachment to trolleys.</li><li>• Universal towing device to suit 660 litre and 1100 litre bins available.</li></ul>
<b>Towing options</b>	<ul style="list-style-type: none"><li>• Can tow multiple bins.</li><li>• Move 660 litre and 1100 litre bins on a 15 degree ramp or incline.</li><li>• Directional lock mechanism for swivel castors is available.</li></ul>
<b>Dimensions (L/W/H)</b>	1800/902/894 mm (approx.)
<b>Battery</b>	Two 12V 100Ah MK-gel batteries (deep cycle, long-lasting, maintenance-free) with 24V smart charger.

## Safety features

- Emergency stop button.
- Emergency back-off button.
- Electromechanical park brake.

### ORDER CODES

Tug Rise 1 Tonne (no hitch)	MET1-RISE
Pin hitch (19 mm)	MHT1316
Auto-latching hitch	MHT1810-024
Heavy duty clamp hitch	MHTCLAMP002

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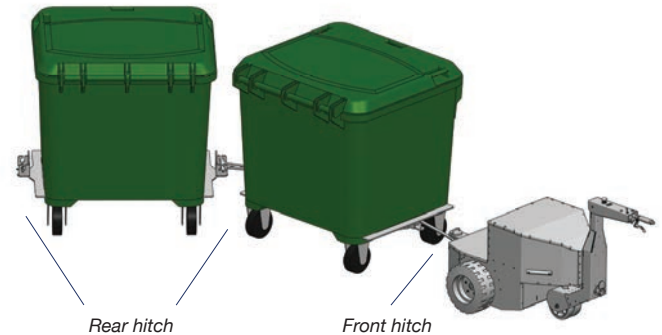
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# Hitching FOR 660 & 1100 LITRE BINS

Our universal hitching brackets fit underneath 660 litre or 1100 litre bins (with the castors fitted underneath) to maximise strength and enable towing of multiple bins at once.

The hitching brackets are suitable for ramps up to 14 degrees. The tow pins are secured by lynch pins.

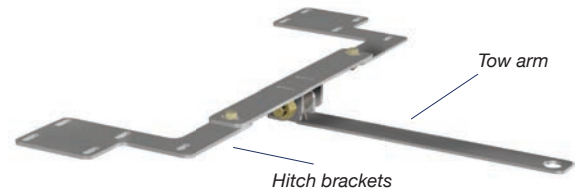


## Hitching brackets

### Front bins

This hitch fits onto the front of the bin to allow it to be towed.

BIN COMPATIBILITY	ORDER CODE
660 and 1100 litres	MHB-UNIF



### Rear bins

Fits onto the rear of the bin and allows another bin to be towed and follow the chain.

BIN COMPATIBILITY	ORDER CODE
660 and 1100 litres	MHB-UNIR



## Accessories

### Directional lock tabs for steering

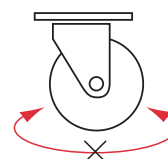
For safety purposes, directional lock tabs are fitted to your bin's existing rear swivel castors to enable controlled steering and towing in a straight line. They are to be used on Sulo bin castors.

- Improves steering and manoeuvrability.
- Enables towing of bins in a straight line.
- Fitted between castor plate and base of bin for reliability and safety.

DIRECTIONAL LOCK TAB	ORDER CODE
Fitted between existing castor plate and bin base.	DL-SULO

#### **Warning: Never tow with four swivel castors.**

Towing bins with four swivel castors will cause problems with trailing and 'fishtailing'—cutting corners, rather than following a straight line.



The directional lock tab will prevent the castor from swivelling, by locking it into one position.