



Viscount

Circularity made simple

Nally Folding MegaBins[®]

Circularity Made Simple

Supplier Guide

Nally™ Folding MegaBin® 7
100

LABEL

Overview

Circularity Made Simple – A World Without Single-Use Starts Here.

The **Nally Folding MegaBin®** is the only pooled bin in Australia capable of stacking six high when fully loaded, delivering greater storage density and improved transport efficiency across supply chains. With a 550kg load capacity, it enables operators to make less forklift movements, reducing handling, labour and warehouse movements. It is ideally suited to fresh produce, meat, poultry and other bulk food and manufacturing supply chains.

Each bin is RFID-enabled as standard, with optional full asset visibility through Viscount's Genius Tag™ Track & Trace technology. Its innovative 3:1 folding design significantly reduces empty transport and storage space, lowering reverse logistics costs.

Engineered and manufactured in Australia, the Folding MegaBin® is built for durability, hygiene and performance in demanding environments.

Key Features

Designed for Performance. Engineered for Circularity.

- **Only Pooled Bin Stacking Six High (Fully Loaded):** Industry-leading structural strength with a 550kg load capacity, maximising warehouse and transport efficiency.
- **RFID-Enabled Traceability (Standard):** Every bin is RFID-equipped, providing supply chain visibility and asset accountability.
- **Advanced Advanced Tracking (Optional):** Genius Tag™ technology offers optional predictive alerts for temperature fluctuations and handling incidents, protecting product quality and reducing waste.
- **3:1 Folding Collapse Ratio:** Folds down to 280mm, significantly reducing storage footprint and reverse logistics costs.
- **Hygienic, Nonporous Surfaces:** Washed and Issued to a Food Grade Standard, with smooth interiors prevent debris build-up, resist bacteria and support best-in-class food safety standards.
- **Produce-Protective Design:** Rounded corners and ventilated walls reduce bruising and improve airflow, helping extend shelf life.
- **Automation-Ready:** Compatible with bin tipping, washing systems, conveyors and racking for streamlined high-volume operations.
- **Eliminates Timber & Single-Use Packaging:** No nails, staples or pallet dependency – improving workplace safety and reducing waste.
- **Zero Waste at End of Life:** Manufactured using repurposed materials and fully recyclable to support circular outcomes.
- **Australian Made & UV Stabilised:** Built to withstand harsh local conditions with long-term durability.



Do

- Follow the specifications and weight limits
- Follow the fold/unfold sequence.
- Inspect hinges/latches before use.
- Engage locks fully before moving.
- Respect stack/weight limits.



Don't

- Don't stack bins in extreme weather conditions, including temperatures over 40 degrees
- Don't side-hit or nudge with forklift tynes
- Don't over-stack beyond ratings (erected or folded).
- Don't force latches—realign first.
- Don't rack without checking suitability

The Range



Specifications	780L Vented	780L Drop Door	475L Low height
Overall Height (mm)	780	780	475
Overall Width & Length (mm)	1162	1162	1162
Internal Depth (mm)	635	635	330
Folded Height (mm)	280	280	280
Weight (kg)	48	48	38
Maximum Load (kg)	550	550	550
Capacity (L)	750	750	355

Folding MegaBins® versus Fixed Wall MegaBins®

- Foldable design for a 3:1 folding ratio
- 3 folded units fit in the space of 1 erected unit reducing return freight and warehouse space.
- Compatible with standard material handling equipment
- Core handling is familiar, but there are a few important dos and don'ts - especially when folding/unfolding, stacking, and using lifting equipment.
 - **Folding/Unfolding:** Follow the sequence in the guide to avoid panel stress or pinch points.
 - **Fork handling:** Use correct fork spacing/entry points; avoid side impacts
 - **Stacking:** Respect maximum stack heights for erected vs. folded and load conditions
 - **Locking mechanisms:** Always ensure locks/latches are fully engaged before moving a bin.
 - **Inspection:** Check hinges, latches, and panels for damage before use.
 - Avoid stacking in extreme weather conditions including temperatures over 40 degrees.

Safe Handling Practices

Failure to adhere to the handling instructions may result in injury or damage to the product and property.

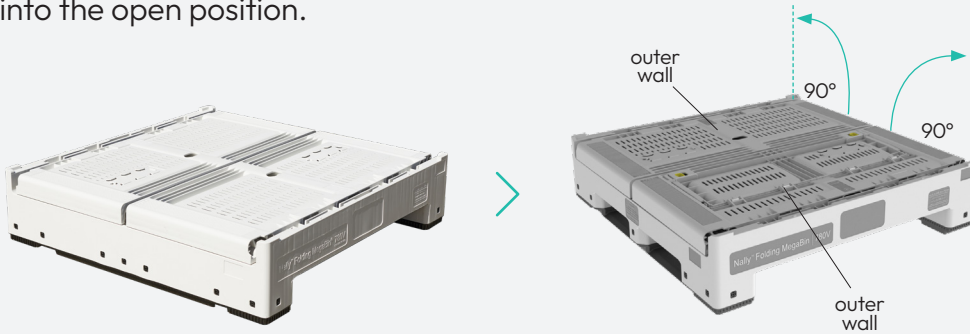
Moving parts of the Folding MegaBin® may create pinch points or cause crush injuries. To avoid injury, handle with care at all times, especially during assembly, disassembly and operation of the drop door.

Manually lifting or moving the Folding MegaBin® may result in injury and is not recommended.

Damage to the product as a result of mishandling of the Folding MegaBin® may breach manufacturer warranty requirements and may incur charges for repair or replacement.

Folding MegaBin® Assembly from the folded position.

The Folding MegaBin® is made up of a base, 2 X outer side walls and 2 X inner side walls. In the folded position, the inner side walls are collapsed into the base and outer side walls fold over the top. To assemble the Folding MegaBin® the user must orientate themselves in the middle of the Folding MegaBin® with the outer wall hinges on either side. This way the outer walls can be lifted into the open position.



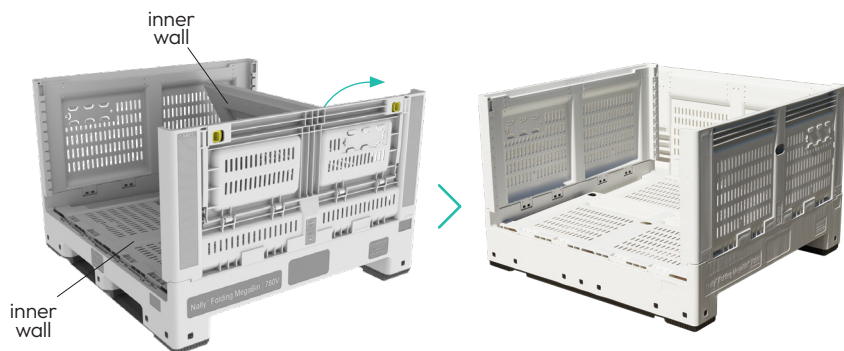
Step 1

Move the Folding MegaBin® to a safe location. Stand in a position where the outer walls can be opened to the left and right of the assembler. The outside wall is lifted through 90 degrees to vertical. Then the other wall is lifted through 90 degrees to vertical.



Step 2

With both outer walls at 90 degrees to the vertical, lift the closest inner wall through 90 degrees to the vertical position. Ensure the inner wall latches clip in place as the assembled inner wall interconnects with the assembled outer walls.



Step 3

Assemble the final inner wall and check that the latches are secure.

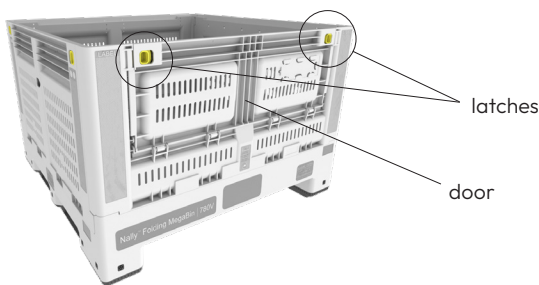


The Folding MegaBin® is now assembled and ready for use!



Folding Drop Doors

The Folding MegaBin® is available with and without folding drop doors.

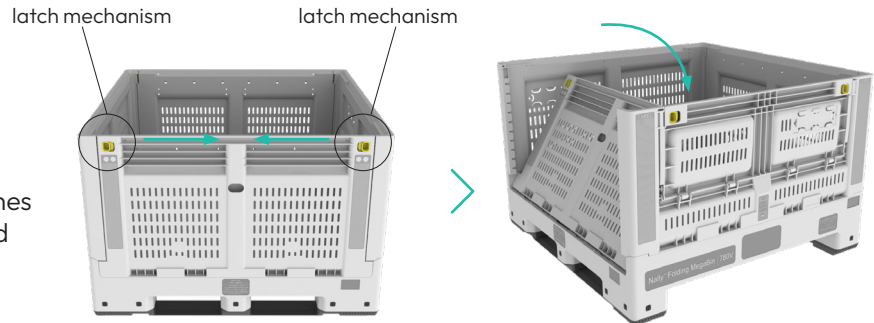


- The drop door is used for the loading / and unloading of product and when loading / unloading is finished, the drop door should be returned to it's closed position.
- The drop door should never be left open when the Folding MegaBin® is in transit or while placed in racking.
- Failure to do so may result in injury or damage to the product.
- The drop door is opened and closed using the door latches shown.
- To open the drop door place fore and middle finger in the drop door latch mechanisms and pull together.
- To close the drop door, lift the drop door about it's hinges until the latches engage, then push the door to lock the latches and door in place.
- Check the door is in the closed and in the locked position.

Collapsing the Folding MegaBin® from the assembled position.

Step 1

Place fore and middle fingers in the latch mechanisms on the top left and right of the side wall, and pull together. When the latches disconnect, push the wall forward allowing it to fall forward onto the base.



Step 2

Move to the opposite side of the Folding MegaBin® and repeat Step 1.



Step 3

When the inner side walls are collapsed, place your hands on the tops of the outer sidewalls. Collapse the side walls allowing them to fall gently onto the base.



The Folding MegaBin® is now collapsed and can be stacked on top of one another.



Folding MegaBin[®]

Forklift Management

Stacking and Destacking

A forklift or appropriate materials handling device should always be used when stacking and destacking Folding MegaBin[®].

When lifting a Folding MegaBin[®] using a forklift, the following steps are recommended in addition to safe work practices involving forklifts:

1. Line the forklift up so it is directly in front of the Folding MegaBin[®].
2. Ensure the tynes of the forklift are aligned with the Folding MegaBin[®] forklift entry tunnel.
3. Ensure the tynes are parallel with the Folding MegaBin[®] feet as they enter the tunnel.
4. Folding MegaBins[®] should be lifted vertically, clearing the Folding MegaBin[®] below, before moving the forklift away.

Failure to properly line up the forklift with the Folding MegaBin[®] may result in the tynes damaging the base, side walls or feet of the Folding MegaBin[®].



- The Folding MegaBin[®] weighs approx. 48kg.
- When removing a Folding MegaBin[®] from a stack, the forklift driver should use care to ensure the tynes of the forklift do not damage the Folding MegaBin[®] below.
- Folding MegaBin[®] should always be stacked / positioned using the locators to ensure the weight of the stack is distributed through the load bearing column.



- Interstacking of Folding MegaBins® with incompatible bins and other brands is not recommended as it may result in a destabilising of the stack / load.
- Folding MegaBins® are designed with locators to facilitate the load stacking of compatible bins. Correct load stacking prevents the stack becoming unstable and reduces forward or lateral movement of the stack in transit.
- Folding MegaBins® should only be placed on a hard flat surface, clear of debris, before stacking / destacking to reduce the risk of the stack becoming unstable.
- The Folding MegaBins® should not be stacked or stored in areas susceptible to high winds.

Load & Racking Requirements

- The Folding MegaBin® is designed to carry a maximum load of 550kg. The maximum load should not exceed 550kg.
- The Folding MegaBin® has a static and dynamic load rating of 3600kgs (6 high) and 1800kgs (3 high) respectively, and a beam and drive through racking load of 1200kgs (2 high).

Operating Temperatures

- Operating temperature range for the Folding MegaBins® is -30 to +40 degrees celcius.
- Special care should be taken when handling the Folding MegaBin® in sub zero environments as the Folding MegaBins® are more brittle and susceptible to impact damage.
- The Folding MegaBin® should not be assembled or disassembled in sub zero temperatures.
- The Folding MegaBin® should never be used in environments where the temperature is below -30 degrees celcius.
- The Folding MegaBin® should only be stacked up to 6 high (in the assembled position) for a maximum of 30 days, in temperatures not exceeding 35 degrees celcius.
- The Folding MegaBin® should never be stacked in environments where the temperature is above 40 degrees celcius.

Transportation

- The Folding MegaBin® must be appropriately secured during all transportation.
- Folding MegaBin® stacks must be correctly interlocked during transportation. Failure to do so may result in Folding MegaBins® or contents damage during transport.

Storage

The Folding MegaBin® can be stored up to 20 high, when collapsed, and when placed on flat level surfaces that are free from debris.

Cleaning

- When cleaning the Folding MegaBin®, washing and drying temperatures should not exceed 80 degrees celsius.
- Folding MegaBins® should only be washed using Viscount approved chemicals.

User Responsibility

This Guide provides a guideline for the safe use and management of the Folding MegaBin®

It is the user's responsibility at all times to ensure the Folding MegaBin® is used in a safe manner.

Viscount does not accept any liability for damage incurred as a result of unsafe or improper use of the Folding MegaBin®

Information provided in the Folding MegaBin® Handling and Information Guide does not vary the Terms of Purchase or Hire for the Folding MegaBins®

Please do not affix any adhesive labels to the MegaBins® at any time.

Documentation

When transferring MegaBins® to the retailer, please use the Viscount Customer Portal to record your transfer and generate a transfer docket that **MUST** be shipped with your MegaBins®. The docket is to be printed directly from the portal **AT ALL TIMES**.

Contact Us

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