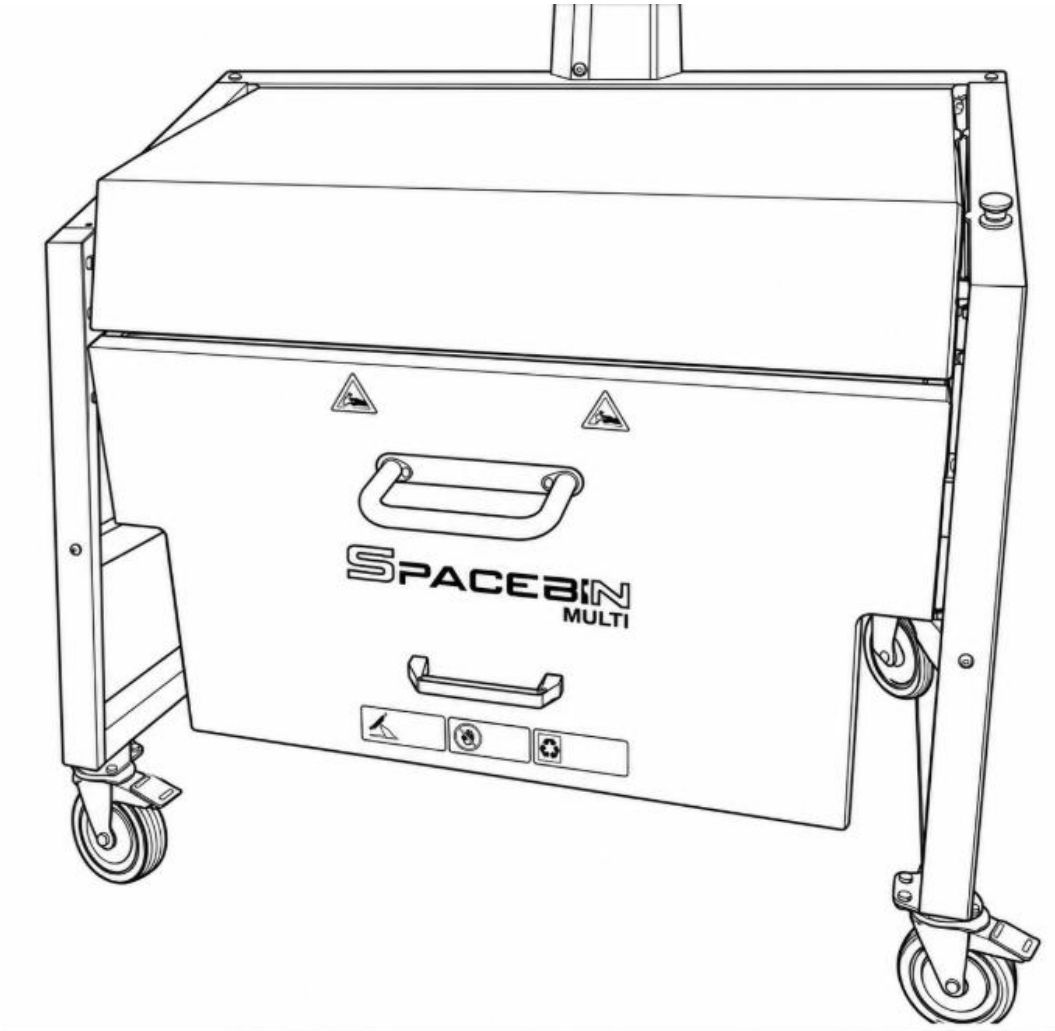
SPACEBIN MULTI



OPERATION MANUAL

STARLOGIXS®

© 2026 StarLogixs Pty Ltd. All rights reserved.

CONTENTS

1. Introduction
1.1 Welcome……..3
1.2 Machine Overview…..3
1.3 Applicable Standards & Compliance.....3
1.4 QR Code Support ……..4
1.5 Warranty…….4
1.6 Copyright, Intellectual Property & Trademarks ..……5

2. Machine Overview
2.1 Controls & Operating Components ……..…7
2.2 Dimensions & Specifications……..…..8
2.3 Safety Labels & Sticker Locations…….…..8
2.4 Machine Serial Number…….…10
2.5 Electronic Display……...10
2.6 Bin Cycle Indicator……...10
2.7 Bin Detection Indicator……..…11
2.8 Battery Charge Indicator……11
2.9 Confirm the Configured Bin Size……..…12
2.10 Technical Specifications……..…12

3. Safety
3.1 Operator Training & Authorisation ……..……...13
3.2 Selecting a Safe Operating Location……..…13
3.3 Pinch Points ……..……14
3.4 Emergency Stops……14
3.5 Suitable & Unsuitable Waste ……...15
3.6 Key safety ……15
3.7 Personal Protective Equipment……16
3.7 Manufacturer's Instructions & Workplace Requirements……..…16

4. Moving & Positioning Bin
4.1 Moving SpaceBin at Worksite……...17
4.2 Moving SpaceBin Off-Site or Between Floors……18

5. Battery Charging
5.1 How to Charge the Battery ……..……..19
5.2 When the Charge the battery ……..……19

6. Operation
6.1 Pre-Start Checks……20
6.2 Bin Position……..20
6.3 Check Bin Detection……...21
6.4 Stat & Monitor Automatic Cycle……21
6.5 Complete Cycle & Remove Bin……22
6.6 Recommended Compaction……..22
6.7 Machine Shutdown……..22

17 Troubleshooting & Support
7.1 Common Faults……..23
7.2 Reporting a Fault or Requesting Service……23
7.3 Ordering Parts……..23

SECTION 1: INTRODUCTION

1.1 WELCOME

Thank you for choosing SpaceBin Multi.

This manual has been developed to assist approved operators in the safe operation and possible transportation of the machine.

Failure to follow the instructions and safety information contained in this manual may result in equipment damage, serious injury or death.

Keep this manual accessible to all operators for future reference.

For further technical support, email sales@starlogixs.com.au

1.2 MACHINE OVERVIEW

SpaceBin Multi is a portable, battery-powered waste-compaction machine designed for use with compatible 660-litre and 1,100-litre commercial waste bins. It compacts suitable materials directly inside the bin, reducing waste volume by up to 50% without requiring waste to be transferred into a separate compactor.

The machine is suitable for apartment buildings, commercial properties, retail facilities, hospitality venues, warehouses and similar environments. Its portable design allows one machine to service multiple bins, helping improve waste-storage capacity, workplace housekeeping and waste-management efficiency.

SpaceBin uses a fully electric pressing mechanism powered by a 12-volt, 100-amp-hour deep-cycle battery. It does not use hydraulics and does not require permanent installation or hardwiring.

The machine incorporates a Category 3 safety control system, two Emergency Stops, a key-operated switch, bin-detection controls and an Electronic Display. These features monitor the battery status, bin position and compaction cycle while helping prevent operation when the bin is not correctly positioned.

SpaceBin must only be operated by trained and authorised personnel in accordance with this manual, workplace procedures and all safety instructions displayed on the machine.

1.3 APPLICABLE STANDARDS & COMPLIANCE

SpaceBin Multi is manufactured by:
StarLogixs Pty Ltd | 13 Carl Baer Circuit, Deepwater NSW 2371 Australia

SpaceBin Multi is covered by an EC Declaration of Conformity identifying conformity with the following directives:

- Machinery Directive 2006/42/EC
- Low Voltage Directive 2006/95/EC
- Electromagnetic Compatibility Directive 2004/108/EC
- AS4024 Safety of Machinery (Cat 3)

SpaceBin incorporates a Category 3 safety-related control system, including:

- two Emergency Stop buttons,
- a key-operated control switch,
- bin-detection safety controls, and
- guarded access to moving components.

These safety features are designed to prevent or stop machine operation when the bin is incorrectly positioned, a safety control is activated or an unsafe operating condition is detected.

Compliance has been assessed and approved by:
Mark Trethewey | B.E. (Electrical Engineering), First Class Honours, MENR Director, StarLogixs Pty Ltd

All guards, controls and safety devices must remain fitted, operational and free from unauthorised modification. Servicing and repairs must only be undertaken in accordance with the manufacturer's approved procedures.

1.4 QR CODE SUPPORT

SpaceBin has QR codes near the electronic display and on the back panel. They provide quick access to product support information.

The QR code near the electronic display is for operators. Depending on the information available online, it may provide access to:

- operating instructions and training
- troubleshooting information
- maintenance procedures
- product manuals and support resources.

The QR code on the back panel is for service personnel only. It may provide access to service documentation, such as wiring diagrams and technical information.

Use official SpaceBin support information at www.spacebin.com.au. Scan QR codes only when the machine is stopped.

1.5 WARRANTY

Your SpaceBin machine is warranted by StarLogixs against faulty workmanship and defective components for a period of twelve (12) months from the date of shipment or purchase, unless otherwise agreed in writing.

To maintain warranty coverage, the machine must be operated, maintained and serviced in accordance with the manufacturer's recommendations outlined in this manual and associated service documentation.

For warranty claims, the purchaser must contact StarLogixs and provide proof of purchase together with the machine serial number. This warranty is limited to the repair or replacement, at the discretion of StarLogixs, of defective parts or components found to be faulty under normal operating conditions.

Unless otherwise agreed in writing, warranty repairs are carried out at an authorised StarLogixs service facility. Freight, transport, packing, travel, labour and installation costs associated with warranty claims are the responsibility of the purchaser.

This warranty does not cover damage, faults or failures caused by or attributable to:

- Acts of God including fire, flood, storm, lightning strike or earthquake;
- Abuse, misuse, negligence or careless handling;
- Incorrect installation, operation or maintenance;
- Failure to follow servicing and maintenance requirements;
- Unauthorised repairs, modifications or tampering;
- Removal or bypassing of safety devices or guards;
- Power surges, electrical faults or unsuitable power supply;
- Corrosion, contamination, chemical exposure or environmental conditions;
- Transport, loading, unloading or storage damage;
- Normal wear and tear, consumable items or routine service components;
- Operation outside the intended use or rated capacity of the machine.

Any unauthorised modification or tampering with the machine or its safety systems will immediately void this warranty.

StarLogixs is not responsible or liable for indirect, incidental, special or consequential damages arising from the use, performance or failure of the machine, including but not limited to loss of production, loss of profits, downtime, loss of revenue or damage to property.

The machine serial number is the primary reference for warranty, technical support and service history and must be quoted in all correspondence.

This warranty provides specific legal rights. The purchaser may also have additional rights and remedies available under the Australian Consumer Law or other applicable legislation.

For warranty claims contact:

StarLogixs Pty Ltd
Address: 13 Carl Baer Circuit, Deepwater NSW 2371, Australia
Phone: (02) 67 345 262
Email: sales@starlogixs.com.au
Website: www.spacebin.com.au

1.6 COPYRIGHT, INTELLECTUAL PROPERTY & TRADEMARKS

Copyright © 2026 StarLogixs Pty Ltd. All rights reserved.

This manual and its contents, including all text, illustrations, photographs, diagrams, technical information and operating procedures, are the property of StarLogixs Pty Ltd.

No part of this manual may be copied, reproduced, distributed, modified, stored or transmitted in any form without the prior written permission of StarLogixs Pty Ltd, except where permitted by law.

The SpaceBin product design, engineering, control systems, documentation and associated technical information contain intellectual property owned by or licensed to StarLogixs Pty Ltd. Nothing in this manual grants permission to manufacture, modify, reverse-engineer or reproduce any part of the SpaceBin system.

The **StarLogixs** and **SpaceBin** names, logos and associated branding are trademarks or proprietary marks of StarLogixs Pty Ltd. They must not be used without prior written permission.

Any third-party product names, logos or trademarks referenced in this manual remain the property of their respective owners.

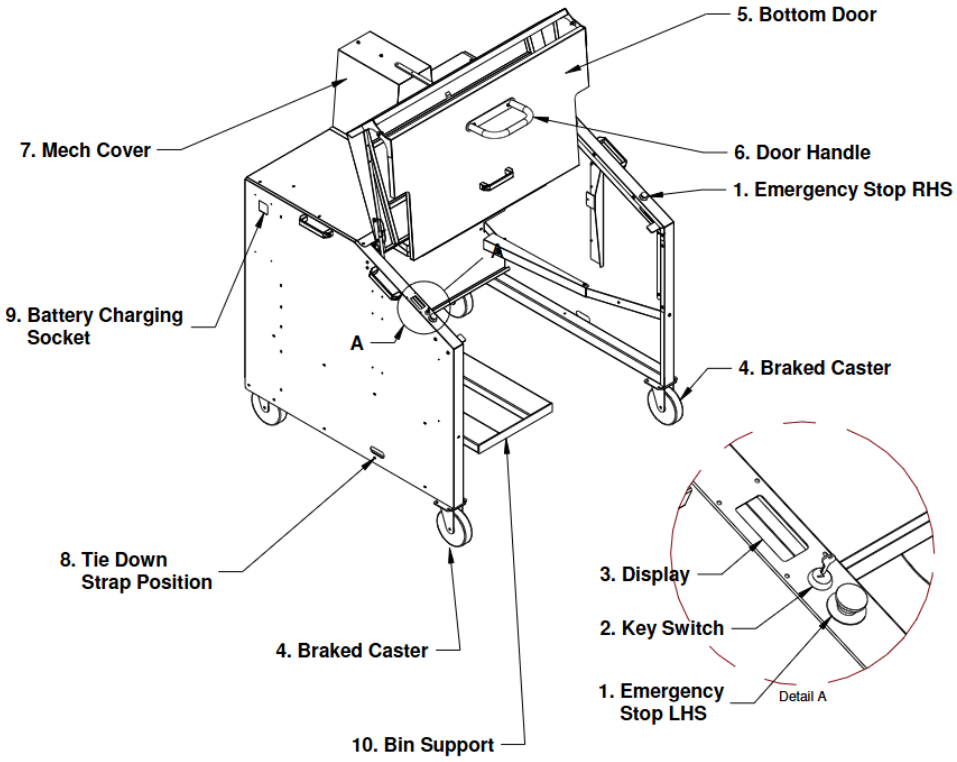
StarLogixs Pty Ltd
13 Carl Baer Circuit
Deepwater NSW 2371
Australia

SECTION 2: MACHINE OVERVIEW

2.1 CONTROLS & OPERATING COMPONENTS

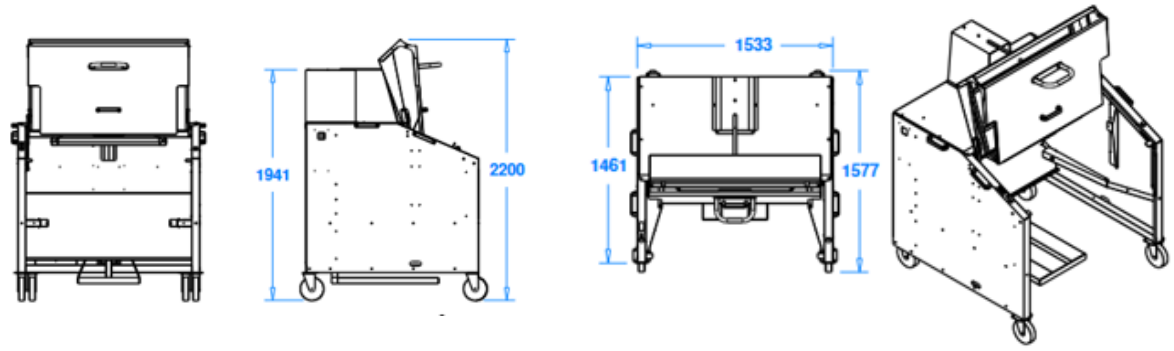
The principal controls and operating components of SpaceBin Multi are shown below:

1. **Emergency Stops** – Left and Right: Press either Emergency Stop to immediately stop machine movement. Rotate to left to reset it only after the unsafe condition has been addressed.
2. **Key Switch** - Turn the key clockwise to switch SpaceBin on and anticlockwise to switch it off. Remove the key when the machine is not in use.
3. **Electronic Display -** Includes the Bin Detection, Bin Cycle and Battery indicators.
4. **Braked Castors** - Allow SpaceBin to be moved on suitable flat surfaces. Apply the brakes before operating the machine. Release the brakes before moving it.
5. **Bottom Door -** Raises to allow the bin to be inserted or removed, then lowers over the bin during operation.
6. **Door Handle -** Use the handle to raise and lower the Bottom Door. Maintain control of the handle whenever the door is moving.
7. **Mechanical Cover** - Covers the machine's mechanical components. Keep the cover in place during operation.
8. **Tie-Down Strap Position** - Use this position to secure SpaceBin with a suitable strap during transport.
9. **Battery Charging Socket** - Connect the approved battery charger here. Follow the charging instructions in this manual.
10. **Bin Support** - Supports the bin and helps keep it correctly positioned during operation and ensures no pressing force is applied to bin casters.



2.2 DIMENSIONS & SPECIFCIATIONS

All dimensions are in millimetres (mm). Before positioning SpaceBin, check that the access route and operating area can accommodate the machine. Allow clearance to raise and lower the Bottom Door and to insert or remove the bin.



2.3 SAFETY LABELS & STICKER LOCATIONS

The following labels are fitted to SpaceBin Multi. Keep them clean and readable. Replace any label that is damaged or illegible.

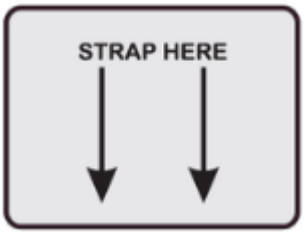
Keep all labels clean, legible and securely attached. Report any missing, damaged or illegible labels to management. Replacement decals can be purchased from your SpaceBin distributor or StarLogixs.

Ref.	Label or symbol	Meaning/action	Location on machine
1	Pinch-point warning symbol	Warning: pinch point. Keep hands clear of the marked area when the machine is operating or parts are moving.	Bottom Door
2	“Switch key off and remove when unattended”	Switch SpaceBin off and remove the key whenever the machine is unattended.	Bottom Door
3	“Strap here” with arrows	Secure SpaceBin for transport using the designated tie-down points shown by the arrows.	Side Panel
4	“Only trained and authorised operators may use SpaceBin”	SpaceBin may only be operated by people who have received the required training and authorisation.	Back Panel
5	“Authorised personnel only to remove this panel”	Do not remove the marked panel unless you are authorised to do so.	Back Panel
6	Training, support and faults QR code	Scan the QR code for training, product support or fault reporting. The label also directs first-time users to the SpaceBin training page.	Near Electronic Display
7	Service information QR code	Scan the QR code to access service information.	Back Panel
8	SpaceBin serial number	Use the serial number when contacting StarLogixs for product support or service.	Near Electronic Display

1

SWITCH KEY
OFF
&
REMOVE
WHEN
UNATTENDED

2


STRAP HERE

3

SPACEBIN
MULTI
TRAINING,
SUPPORT & FAULTS
FIRST TIME USING
SPACEBIN?
Scan the QR code above or visit:
www.spacebin.com.au/training-support
Also use this QR code for product
support or to report a fault
ONLY TRAINED &
AUTHORISED
OPERATORS MAY
USE SPACEBIN
SPACEBIN SERIAL NUMBER

6 & 8

AUTHORISED
PERSONNEL ONLY TO
REMOVE THIS PANEL
SCAN QR CODE TO
ACCESS SERVICE
INFORMATION

3 & 7

2.4 MACHINE SERIAL NUMBER

Each SpaceBin has a unique serial number. It begins with SB, followed by six numbers (for example, SB 1234-01). The serial number is printed on the Training, Support & Faults label near the Electronic Display.

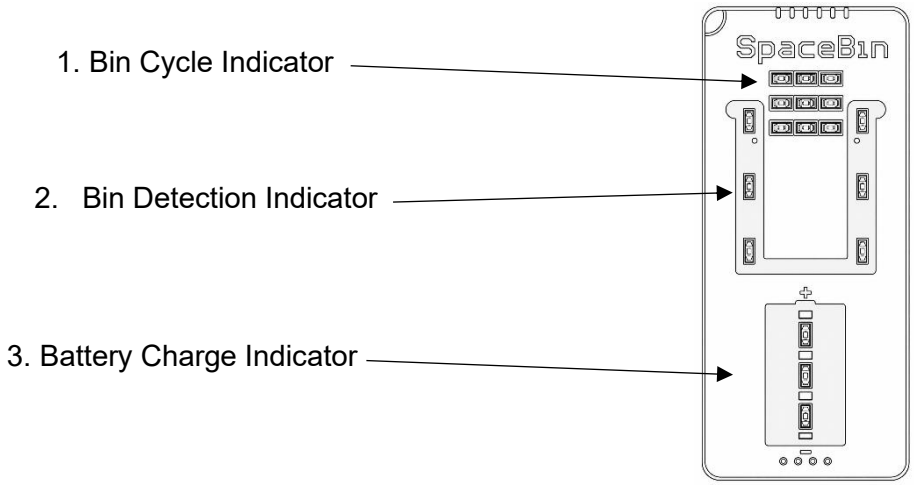
Provide it when contacting StarLogixs or your distributor for service or support.

2.5 ELECTRONIC DISPLAY

The Electronic Display provides information about the battery charge, bin position and progress of the operating cycle.

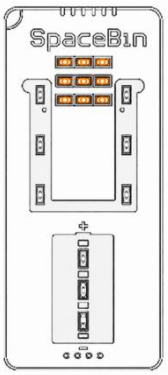
The display is divided into three indicators:

1. **Bin Cycle Indicator** – shows the progress of the compaction and retraction cycle.
2. **Bin Detection Indicator** – confirms if a bin is detected in machine.
3. **Battery Charge Indicator** – shows the remaining battery charge.



2.6 BIN CYCLE INDICATOR

The Bin Cycle Indicator uses orange LEDs to show the direction of movement of the compaction plate.



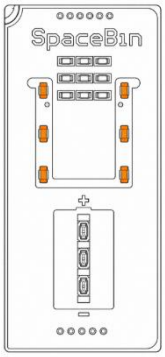
- **Compaction** – the LEDs illuminate from top to bottom as the plate moves down
- **Retraction** – the LEDs illuminate from bottom to top as the plate moves up
- **Cycle complete** – the LEDs switch off when the plate has retracted and all movement has stopped

2.7 BIN DETECTION INDICATOR

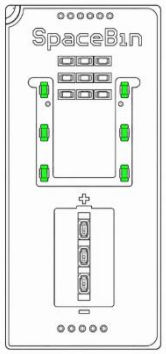
The LEDs around the bin symbol indicate whether a bin has been detected:

1. **Green** — a bin is detected and correctly positioned
2. **Orange** — no bin is detected

SpaceBin will not start unless a bin is detected. If the bin moves out of position and is no longer detected during operation, the machine will stop.



1

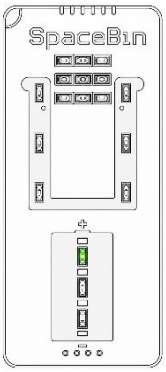


2

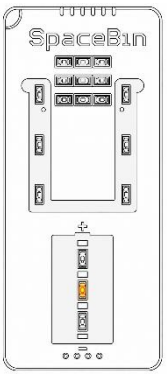
2.8 BATTERY CHARGE INDICATOR

The Battery Charge Indicator illuminates when SpaceBin is switched on and shows the remaining battery charge.

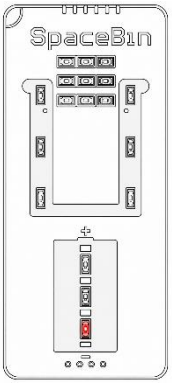
1. **Green** – the battery is charged and ready for use
2. **Orange** – the battery has approximately half of its available charge remaining and should be recharged
3. **Red** – the battery charge is critically low Do not operate SpaceBin when the red indicator is illuminated. Switch the machine off and recharge the battery before further use. Continued operation with a critically low battery may damage the battery or reduce its service life.



1



2



3

During charging, the indicator progresses from red to amber and then green. When charging is complete, the green indicator remains illuminated.

2.9 CONFIRM THE CONFIGURED BIN SIZE

SpaceBin Multi is configured before delivery for either 660 L or 1,100 L bins, based on the site's requirements. Confirm which bin size the machine is set up for during handover and ensure operators know the setting.

Use only the bin size that matches the SpaceBin configuration. Do not use a 660 L bin with a SpaceBin configured for 1,100 L bins. If the required bin size changes, stop using the machine and contact StarLogixs to arrange reconfiguration.

Operators must not change the bin-size setting. Reconfiguration must only be carried out by a SpaceBin service technician

2.10 TECHNICAL SPECIFICATIONS

Specification	Details
Machine weight	350 kg (approximately 770 lb)
Battery	12 V, 100 Ah deep-cycle battery
Cycle time	1 minute
Approximate compactions per charge	50
Press force	500 kg
Compatible bin sizes	660 L and 1,100 L
Overall dimensions (W × D × H)	1,513 × 1,577 × 2,200 mm

SECTION 3: SAFETY

3.1 OPERATOR TRAINING & AUTHORISATION

All operators must complete the SpaceBin Multi training before using the machine

Scan the QR code on the Training, Support & Faults label near the Electronic Display and complete the required training modules.

Operators must be trained and authorised by management before operating SpaceBin. Follow the training, this manual and all applicable workplace procedures.

Do not use the machine if you have not completed the training or are not authorised.

If a trained operator leaves or is no longer available, the workplace must ensure a replacement operator completes the required training and is authorised before using SpaceBin.

If you cannot scan the QR code, visit www.spacebin.com.au/training-support

Management should keep a record of each operator's training completion and authorisation.

3.2 SELECTING A SAFE OPERATING LOCATION

Before operating SpaceBin, make sure the location is suitable and access is controlled.

Use a stable surface
Position SpaceBin on a firm, level surface that can support the machine, bin and waste load. Do not operate it on sloping, soft or uneven ground.

Prevent movement
Make sure the machine is stable before use. Apply any castor brakes or locks fitted to the machine.

Control access
Keep the machine and its operating area away from public access. Only trained and authorised operators should use SpaceBin. Use barriers or other workplace controls if needed to keep other people clear.

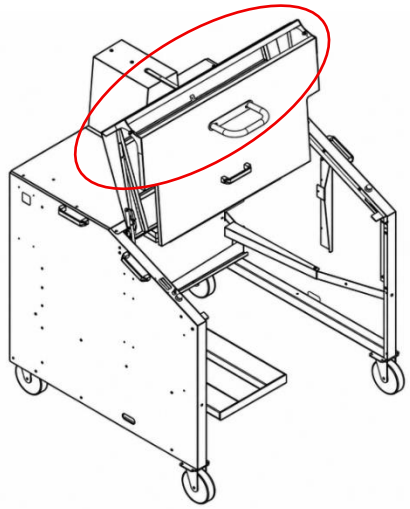
Keep the area clear
Leave enough room to operate the controls and safely position or remove the bin. Do not block walkways, doorways, emergency exits or vehicle routes.

Check the surroundings
Keep the operating area clear of obstructions and trip hazards.

3.3 PINCH POINTS

Moving parts may create pinch or crush hazards. Pinch points may occur when opening or closing the Bottom Door and around other moving components.

The circle in the figure below highlights an example only; it may not show every potential pinch point.



Keep hands, feet and other body parts clear of the Bottom Door, compaction plate, bin area and all moving parts.

Never reach into the machine or bin while SpaceBin is operating or any part is moving. Do not arrange waste by hand during a cycle.

Wait until all movement has stopped and follow the shutdown procedure before removing the bin or dealing with an obstruction.

3.4 EMERGENCY STOP

SpaceBin has two Emergency Stop buttons, one on each side. Press either button to stop machine movement immediately.

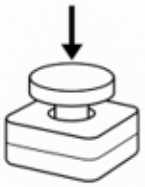
Before use- Check both buttons are accessible, undamaged and released. If either is damaged or fails to stop movement, take SpaceBin out of service and report the fault.

When to press

- **Someone is at risk of injury**
- **Unexpected movement occurs**
- **A fault or unsafe condition requires an immediate stop**

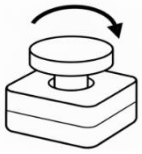
To activate an Emergency Stop

1. Press either red Emergency Stop button.
2. Keep clear until all movement stops. *Do not reach in or clear obstructions while parts are moving.*
3. Address the cause before restarting. If unclear or a fault is suspected, take the machine out of service and report it.



To reset an Emergency Stop

1. Reset the button only after the cause has been addressed and it is safe to do so.
2. Rotate the Emergency Stop button upwards until it releases.
3. Follow the normal start-up procedure. Resetting the button does not mean the machine is safe to restart

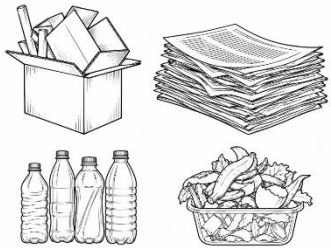


3.5 SUITABLE & UNSUITABLE WASTE

SpaceBin Multi is designed for **soft general waste only**. Only place the suitable materials listed below in the bin for compaction. Empty food packaging, cups and containers before loading.

Suitable waste

- Soft cardboard and paper packaging
- Soft plastic packaging and wrapping
- Polystyrene packaging
- Empty food packaging
- Disposable cups and containers
- Food and organic waste



Unsuitable Waste

- Batteries or electronic waste
- Aerosols or other pressurised containers
- Chemicals or hazardous waste
- Gas cylinders or flammable materials
- Glass, liquids or construction rubble
- Large timber or metal objects

Do not compact materials that are not listed as suitable. If you are unsure whether an item can be compacted, check with management before loading it.

3.6 KEY SAFETY

Only trained and authorised operators may use SpaceBin. Keep the key secure and under the control of an authorised person. Do not lend it to unauthorised people.

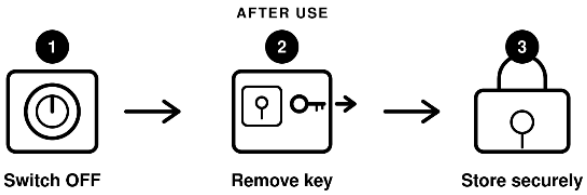
1. **Remove the key when the machine is not in use.** Switch SpaceBin off and remove the key whenever it is unattended, being moved or transported, or being cleaned.

2. **Do not leave the key in the switch.** Remove it whenever SpaceBin is switched off and not in use

3. **Do not alter the switch.** Never force, modify or bypass the key switch. If it is damaged or faulty, do not use SpaceBin. Report the fault to management.

4. **Isolate before servicing.** Switching off SpaceBin and removing the key does not isolate all electrical power. Before servicing or accessing internal components, follow the approved isolation procedure

5. **Use the Emergency Stop in an emergency.** Press either Emergency Stop to stop machine movement. The key switch is not a substitute for an Emergency Stop.



After use, turn the key switch to OFF, remove the key and store it securely

Do not leave the key in the machine or where unauthorised people can access it.

3.7 PERSONAL PROTECTIVE EQUIPMENT

Wear PPE identified by your workplace risk assessment for operating SpaceBin and handling the waste. PPE must be suitable for the task and must not create a risk of becoming caught in moving parts. Secure long hair and loose clothing, and remove jewellery before operating the machine.

PPE does not replace required guards, operator training or safe work procedures. The workplace should determine and provide the PPE required for its site and waste-handling risks.

3.8 MANUFACTUER'S INSTRUCTIONS & WORKPLACE REQUIREMENTS

This manual provides the manufacturer's instructions for SpaceBin Multi. It does not replace or override applicable work health and safety (WHS) laws, workplace procedures, risk assessments or other site-specific safety requirements.

Operators must follow this manual and their workplace's safety requirements. If instructions conflict or you are unsure how to proceed, stop using the machine and consult your supervisor or StarLogixs before continuing.

SECTION 4: MOVING & POSITIONING SPACEBIN

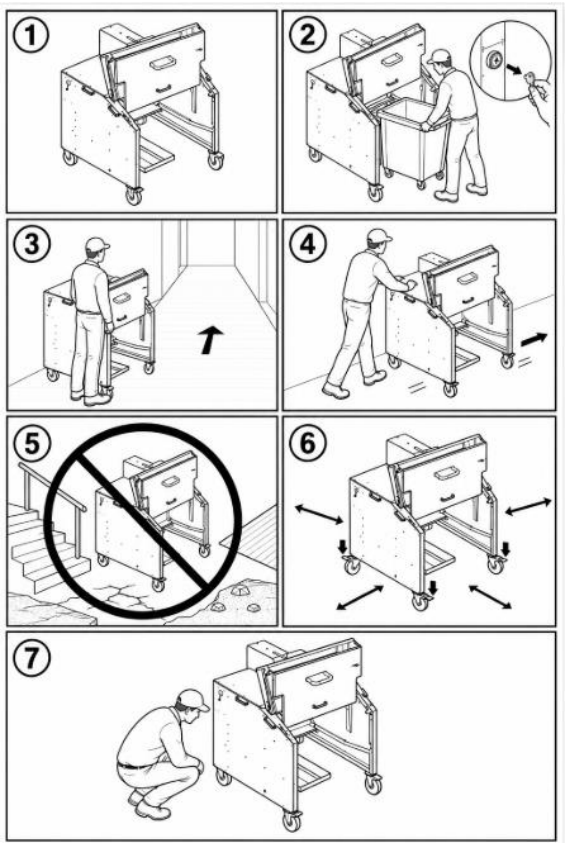
4.1 MOVING SPACEBIN AT WORKSITE

SpaceBin Multi weighs approximately 350 kg. Plan the route before moving it and follow workplace manual-handling procedures. Use appropriate assistance or moving equipment where required. Do not attempt to lift SpaceBin manually.

WARNING — This procedure applies only to moving SpaceBin across the same floor on a firm, level and even surface. It does not cover movement over ramps, slopes, stairs or between floor levels

Moving SpaceBin at the worksite

1. Complete the operating cycle and wait until all movement has stopped.
2.
3. Remove the bin and switch SpaceBin off. Remove the key.
4. Check that the route is clear and the floor is firm, level and suitable for moving the machine.
5. Release the castor brakes and move SpaceBin slowly, keeping hands and feet clear of the castors and other pinch points
6. Do not move SpaceBin over stairs, steep slopes or unsuitable surfaces. Stop if the machine becomes difficult to control
7. At the new location, apply the castor brakes. Position SpaceBin on a firm, level surface with enough clearance to operate the Bottom Door and insert or remove the bin
8. Check the machine for damage before returning it to service.

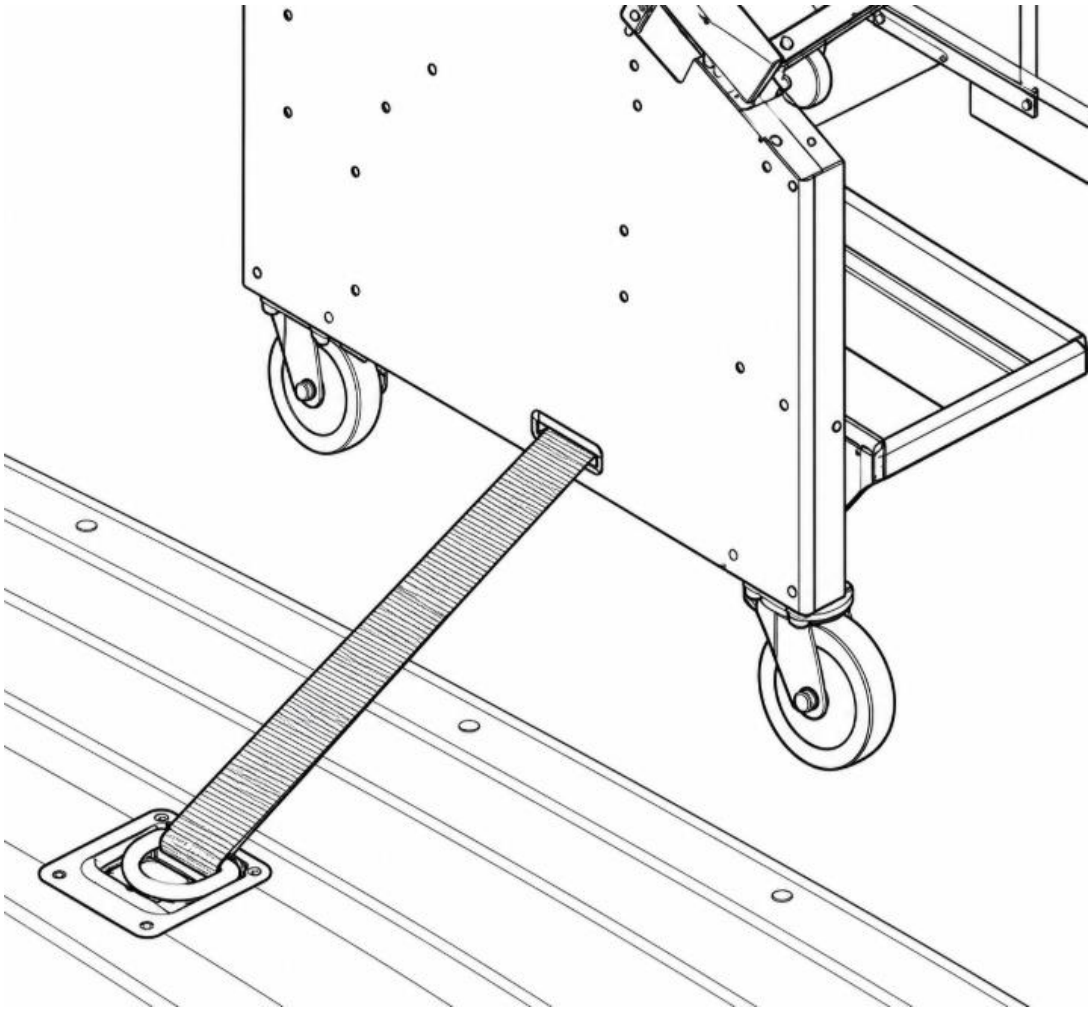


4.2 MOVING SPACEBIN OFF-SITE OR BETWEEN FLOORS

SpaceBin Multi weighs approximately 350 kg. Plan the route before moving it and follow workplace manual-handling procedures. Use appropriate assistance or moving equipment where required. Do not attempt to lift SpaceBin manually.

Do not move SpaceBin up or down stairs using its castors, or by manually lifting or pulling it with straps. Before moving it between floors, contact StarLogixs to confirm the approved lifting or handling method and any rated lifting points. Use suitable, rated equipment operated by trained personnel.

For vehicle transport, switch SpaceBin off, remove the key and secure it against movement using suitable restraints attached to the designated tie-down strap positions. These positions are for securing the machine during transport; do not use them for lifting unless StarLogixs confirms they are rated for that purpose. Use a suitable vehicle and loading equipment, and follow the transport provider’s load-restraint requirements.



SECTION 5: BATTERY CHARGING

5.1 WHEN TO CHARGE THE BATTERY

Check the Battery Charge Indicator on the Electronic Display before use and after operating SpaceBin.

- Green — The battery is charged and ready for use
- Orange — Approximately half of the available charge remains. Recharge the battery as soon as practicable, preferably after use
- Red — The battery charge is critically low. Switch SpaceBin off and recharge the battery before the next use. Do not operate SpaceBin while the indicator is red. Allowing the battery to remain critically low may damage it or reduce its service life

If the indicator is not green before you plan to use SpaceBin, recharge the battery first. For more information about the indicator, see Section 3.6, Battery Charge Indicator.

5.2 HOW TO CHARGE THE BATTERY

Follow these steps when charging SpaceBin:

1. **Move and secure SpaceBin -** Move it to a suitable charging area and apply the castor brakes.

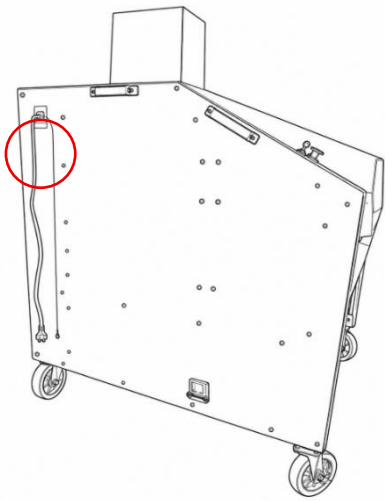
2. **Switch off the machine** - Turn the key switch off and remove the key.

3. **Check the charging equipment** - Make sure the cable, plug and Battery Charging Socket are clean and undamaged. Do not charge the machine if any component is damaged. Do not use an unapproved charger or attempt to repair the battery or charging system.

4. **Connect the charger -** Connect the approved cable to the Battery Charging Socket (shown in figure). Follow the charger manufacturer's instructions for connecting it to the power supply.

5. **Monitor charging -** The Battery Charge Indicator progresses from red to orange and then green as the battery charges. When charging is complete, the green indicator remains illuminated.

6. **Disconnect the charger** - Disconnect it from the machine. Store the cable safely.



Battery Charging Socket

WARNING - Do not operate SpaceBin while it is connected to the mains power. Keep the cable and charging socket dry. Do not use a damaged cable or attempt to repair the battery

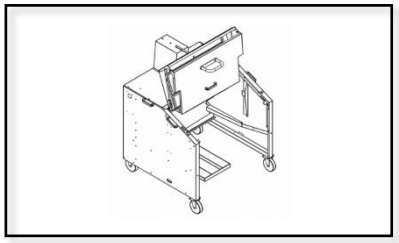
Contact StarLogixs or an authorised service provider if the battery does not charge normally or the indicator does not progress to green.

SECTION 6: OPERATION

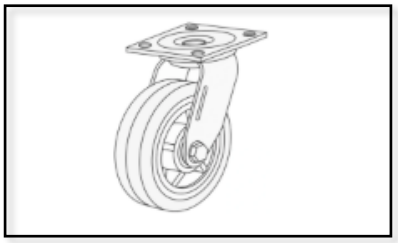
6.1 PRE-START CHECKS

Complete these checks before each use:

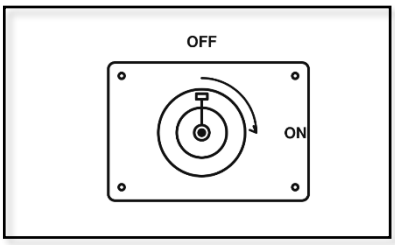
1. **Inspect SpaceBin and the area**
   - Check for damage, loose or missing parts
   - Check for unsecured covers or controls
   - Clear obstructions from the operating area
   - Place SpaceBin on firm, flat, level ground



2. **Apply Brakes**
   - Apply the brakes on at least two castors
   - The front castors are recommended
   - Confirm SpaceBin is stable and cannot move



3. **Switch on and check the display**
   - Confirm both Emergency Stops are released
   - Insert the key
   - Turn the Key Switch clockwise to **ON**
   - Check the Battery Charge Indicator.
     *(See **Section 3.6** for light meanings)*



Do not operate SpaceBin if the red battery indicator is illuminated
Recharge the battery before use

6.2 BIN POSITION

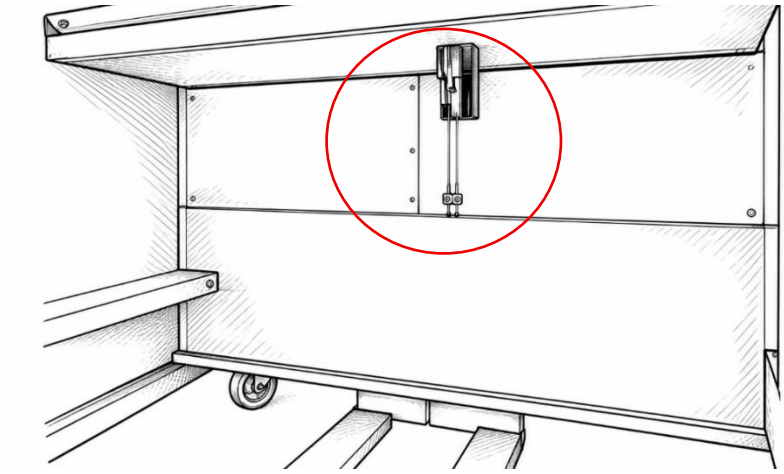
Before starting a compaction cycle, position the compatible bin inside SpaceBin by following these steps.

1. Raise the Bottom Door using the handle. Keep control of the handle until the door is upright and stable.
2. Keep hands and feet clear of pinch points while the Bottom Door is moving.
3. Open the bin lid fully, with the lid side facing outwards.
4. Align the bin squarely with SpaceBin. Push it slowly into the machine until it rests against the rear wire guide.
5. Grip the lower handle and lower the Bottom Door slowly under control.

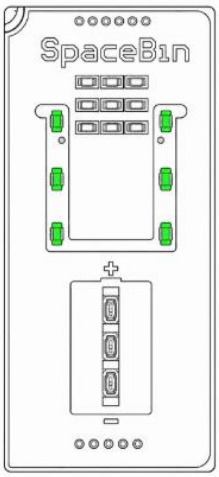
6.3 CHECK BIN DETECTION

Position the bin inside SpaceBin and push it fully back against the rear wire guide (circled in figure below). Close the Bottom Door and check that the Bin Detection indicator illuminates green (shown in figure below) on the Electronic Display. This confirms that the bin is correctly positioned and detected.

If the indicator does not illuminate green, check that the bin is correctly positioned against the rear wire guide and reposition it if needed. SpaceBin will not operate until the bin is correctly positioned and detected.



Rear Wire Guide



Bin Detection Indicator

6.4 START & MONITOR AUTOMATIC CYCLE

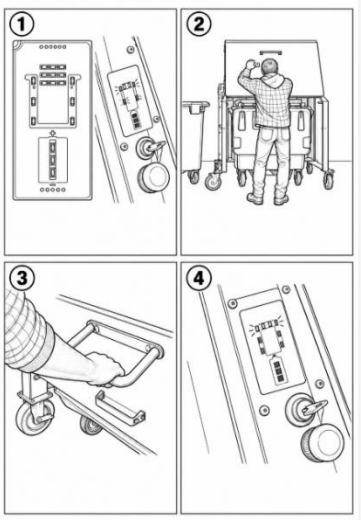
With the bin correctly positioned, follow these steps to start and monitor the automatic compaction cycle.

1. Check bin detection
   Position the bin and confirm the green Bin Detection LEDs are illuminated.

2. Hold the Bottom Door against the bin
   The compaction cycle starts automatically when the bin is detected.

3. Maintain pressure
   Keep hold of the handle so the bin stays against the rear wire guide.

4. Monitor the cycle
   Watch the orange Cycle Progress LEDs illuminate from top to bottom as the mechanism descends.



Warning: Keep clear of moving parts. Releasing the handle stops the cycle. If it stops unexpectedly, do not reach into the machine or reposition the bin while anything is moving; follow the fault-reporting procedure.

6.5 COMPLETE CYCLE & REMOVE BIN

With compaction complete, follow these steps to complete cycle and remove the bin.

1. Hold the Bottom Door handle down during retraction
   After compaction, the machine pauses before the pressing plate rises. Keep holding the handle firmly down. The orange Cycle Progress LEDs illuminate from bottom to top to show the plate is lifting.

2. Wait for movement to stop
   Release the handle only after all the LEDs switch off and the mechanism has stopped. Confirm the pressing plate has returned to its normal resting position

3. Lift the Bottom Door
   Once the mechanism has stopped, lift the Bottom Door. Keep clear of moving parts and do not reach into the machine.

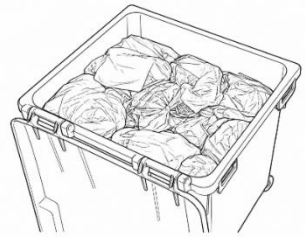
4. Remove the bin
   Use the bin handles to remove the bin

6.6 RECCOMMENDED COMPACTION

There is no fixed number of compaction cycles; the amount depends on the waste being loaded. Compact progressively as the bin fills, and stop once the bin is full.

WARNING - Do not continue compacting or add more waste to force additional material into a full bin

Overcompaction can place unnecessary strain on SpaceBin and damage the machine or bin



Example of filled bin

6.7 MACHINE SHUTDOWN

At the end of operation, complete the following steps before leaving SpaceBin unattended.

1. Complete the cycle
   Allow the pressing plate to return to its normal resting position. Confirm all Cycle Progress LEDs are off and movement has stopped.

2. Remove the bin
   Lift the Bottom Door and remove the bin using its handles, as described in the bin removal procedure.

3. Switch off SpaceBin
   Turn the key switch to OFF.

4. Remove the key
   Take the key out of the switch and keep it secure.

SECTION 7: TROUBLESHOOTING & SUPPORT

7.1 COMMON FAULTS

Problem	Checks and operator action
SpaceBin will not start	Check that the Key Switch is **ON**, both Emergency Stops are reset, the battery is not critically low, and the green Bin Detection LEDs are illuminated. If it still will not start, stop, place out of service sign and report the fault.
Orange Bin Detection LEDs remain illuminated	Check that the compatible bin is correctly positioned against the rear wire guide. Reposition it only when the machine is stopped and safe to do so. Never bypass the bin detection system.
SpaceBin stops during a cycle	Keep clear of the machine. Check for an activated Emergency Stop or loss of bin detection. Do not restart until the cause has been identified and it is safe to do so. If the cause is unclear, report the fault.
Red Battery Charge Indicator is illuminated	Switch SpaceBin off and recharge the battery using the approved cable and procedure in this manual. If the indicator remains red after charging, report the fault.
Unusual noise, movement or visible damage	Stop the machine using an Emergency Stop if necessary. Do not continue operating it. Report the issue and keep SpaceBin out of service until it has been assessed.
Emergency Stop is damaged or does not stop movement	Do not operate SpaceBin. Keep it out of service and report the fault immediately.

7.2 REPORTING A FAULT OR REQUESTING SERVICE

If you identify a fault, place SpaceBin out of service and attach an Out of Order sign. Do not use it again until it has been inspected and confirmed safe to operate by StarLogixs or authorised service personnel.

Scan the Training, Support and Faults QR code on the front of the machine, near the Electronic Display, to visit the SpaceBin website and submit an online fault report. You can also contact StarLogixs:

Email: sales@starlogixs.com.au | Phone: (02) 6734 5262

When reporting the fault, provide the SpaceBin serial number, located on the Training, Support and Faults label, and include:

- a description of the fault and when it occurred;
- any indicator lights or messages displayed; and
- photographs or video, if they are safe to take.

Servicing and repairs must be carried out by StarLogixs or authorised service personnel.

7.3 ORDERING PARTS

Contact StarLogixs or your authorised distributor to order replacement parts. Provide the SpaceBin serial number, the part name or description, and the quantity required. Use only approved replacement parts. Do not fit a part if you are unsure how it should be installed; contact authorised service personnel.