



LIFTMASTER

Rugged Powered Bin Lifter

Operating Manual

Rugged Powered Bin Lifter Operating Manual—OM0016E/2

This manual contains important safety, installation and operating instructions for this unit. Read this manual thoroughly and completely, and retain for future reference. This unit can cause serious injury to personnel or damage to property if used incorrectly, therefore do not use this machine for any other purpose apart from its intended use. Using this unit incorrectly may void warranty.

Any damage audible or visible to this unit should be addressed at the time of discovery. Electrodrive Pty Ltd can provide parts and service support on request through its service partner company:

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Introduction

The Liftmaster Rugged Powered Bin Lifter is an electro-hydraulic powered bin lifter rated to lift 120 and 240 litre wheelie bins weighing up to 150 kg.



Model	Working Load Limit	Max Load
BLEH1500/1500LL/1800	96 kg	150 kg

Operating instructions

Safety check

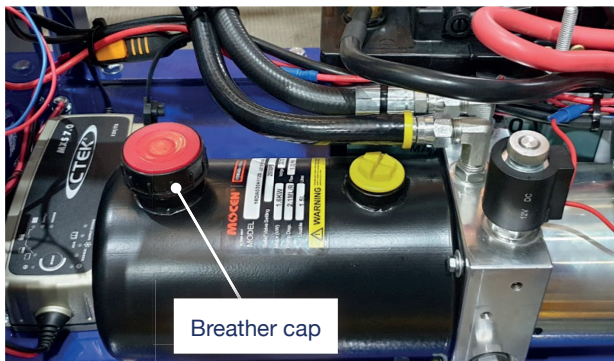
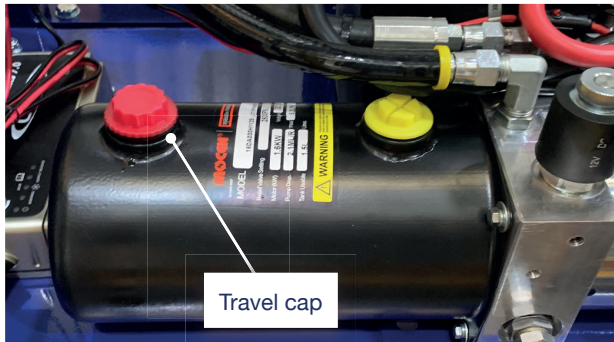
Before using this Bin Lifter, the operator should complete the following check:

- Ensure the unit has not been damaged in transit.
- Look for damage to the pallet and cuts or tears in the plastic wrapping.



This bin lifter is shipped with a travel cap on the oil reservoir located in the power box. This needs to be swapped with the included red breather cap before operating the unit.

To swap the caps, unplug the mains power, remove the power box cover, and unscrew the travel cap from the oil reservoir. Replace with the breather cap and reinstall the cover. Always replace the travel cap if you are shipping the unit.



Moving the Bin Lifter to the operating position



Fasten skip bin hooks securely

1. Wheel the Bin Lifter to the skip bin.
2. Position the Bin Lifter against the skip bin and press down on the two red castor pedals to activate the total brakes.
3. Lift the two skip bin hooks up and over the lip of the bulk bin and fasten securely.

Placing a wheelie bin into the unit

1. Adjust the sliding wheelie bin retainer to suit a 240 litre wheelie bin (higher lip) or a 120 litre wheelie bin (lower lip).
2. Move a wheelie bin to the cradle and locate it over the base cradle hook.
3. Push the wheelie bin forward to lock into the wheelie bin hooks.
4. Move to the side of the bin lifter and switch the power box key to the 'ON' position.

The Bin Lifter is now ready to lift the wheelie bin and empty its contents.



Lifting and lowering the bin cradle



1. Check area is clear and no obstructions exist around the unit.
2. Press and hold the 'UP' button on the pendant control until the bin cradle reaches its tipping point.
3. Once the wheelie bin is empty, press and hold the 'DOWN' button to lower the bin cradle to its rest position.
4. When the bin cradle reaches its rest position, place one hand on the locking arm lever and one hand on the wheelie bin.
5. Rotate the locking arm lever down and the wheelie bin will release.



Operating this unit safely.

The swing arm cradle is painted bright yellow to be visible. Keep a 2 metre exclusion zone while operating this unit.

In the unlikely event of a hydraulic failure, a burst hose protection valve will keep the swing arm in the same place until a technician releases it and repairs the hose.

This unit is fitted with a smart charger, which allows this unit to be used while charging.

Maintenance



Warning

This bin lifter uses 240 V to recharge the battery. Do not open the power box at the base of this Bin Lifter while connected to mains power.

All servicing must be performed by a qualified technician

- Do not allow the battery to go completely flat. This will void the manufacturer's warranty. The inbuilt charger will not charge the battery from dead flat.
- While all of the electrical connections have been coated with 'electro-coat' to resist water penetration and humid conditions, do not leave this bin lifter out in the weather unnecessarily. Always store this unit under cover.
- Check the hydraulic reservoir weekly by removing the power box cover and unscrewing the breather cap dipstick to read the level. Replace oil with *Renolin B Plus 32*.
- Do not leave the bin cradle in the 'UP' position when not in use.
- Grease moving parts annually.
- Only clean this unit with soap and water.

Warranty

Electrodrive Pty Ltd warrants that this product is free from defects in materials and workmanship for a period of twelve months from the date of dispatch from the Electrodrive plant.

If a defect is reported, Electrodrive will repair or replace the defective part, at its own discretion. This warranty does not apply if this unit has been misused, damaged, or modified in any way.

Modifications and misuse will void your warranty

The following activities (including, but not limited to) are examples:

Modifications

- The machine is re-wired by an unauthorised service agent
- There are modifications to the body or frame of the machine
- Use of non-specified parts
- The machine is serviced by an unauthorised service agent

Misuse

- Overloading the unit during lifting
- Carrying people or other foreign objects
- Exposed to rain or other precipitation, unless weatherproof option is installed
- Exposed to a corrosive environment
- Not being charged adequately

General wear items not covered under warranty

- Tyres, tubes and castors

Spare parts list

Part	Description
MSQ125/MZHTB	Total brake castor
SPMBLKEY	Key
HYDRAULIC HOSE	Hydraulic hose—special order
SPBL1500SHUTE	Bin cradle chute—1500 mm
SPBL1800SHUTE	Bin cradle chute—1800 mm
SPLMBINCTCHASS	Locking arm lever assembly
LM12STARLW	
SPLMBLSRING	
SPLMBLPEND	Pendant control unit
SPLMBLBLKBINRODASS	Rod assembly
SPLM16STARLW	
SPLMBLBINCATCH	Skip bin hook
SPLM16STARLW	
SPLMBLCYLINDER	Hydraulic cylinder
SPLMBATTERYGEL	Battery
SPLMUBELCSMART	2 way on/off switch
SPLMBLONOFFSW	
SPLMBLCHARGER	3 way on/off and charge switch
SPLMBLEHKEYLOCK	
SPBINRETAINARM	Sliding wheelie bin retainer
SPLMM8HNDKNB	Sliding wheelie bin retainer knob
SPLMBLEHBATIND	Battery indicator
SPLMBLEHBRECAP	Breather cap

Service log

Service recommendations

To ensure this equipment is kept in a safe and reliable condition, it is important to follow a preventative maintenance program. Maintain a log of the service work on the cards below, and always use an approved Electrodrive service agent to conduct the works. Approved service personnel will be provided with all necessary documents and components in service repair, including but not limited to, circuit diagrams, component part lists, descriptions, service checklists and spare parts.

6 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

12 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

18 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

24 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

30 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

36 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

42 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

48 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

54 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

60 month service

Date of service		Service agent	
Machine serial number			
Summary of works			
Next service due			

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