



Liftmaster Rugged Powered Bin Lifter Operating Manual

BLEH1500/1500LL/1800

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General Information

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, Serviced Equipment.

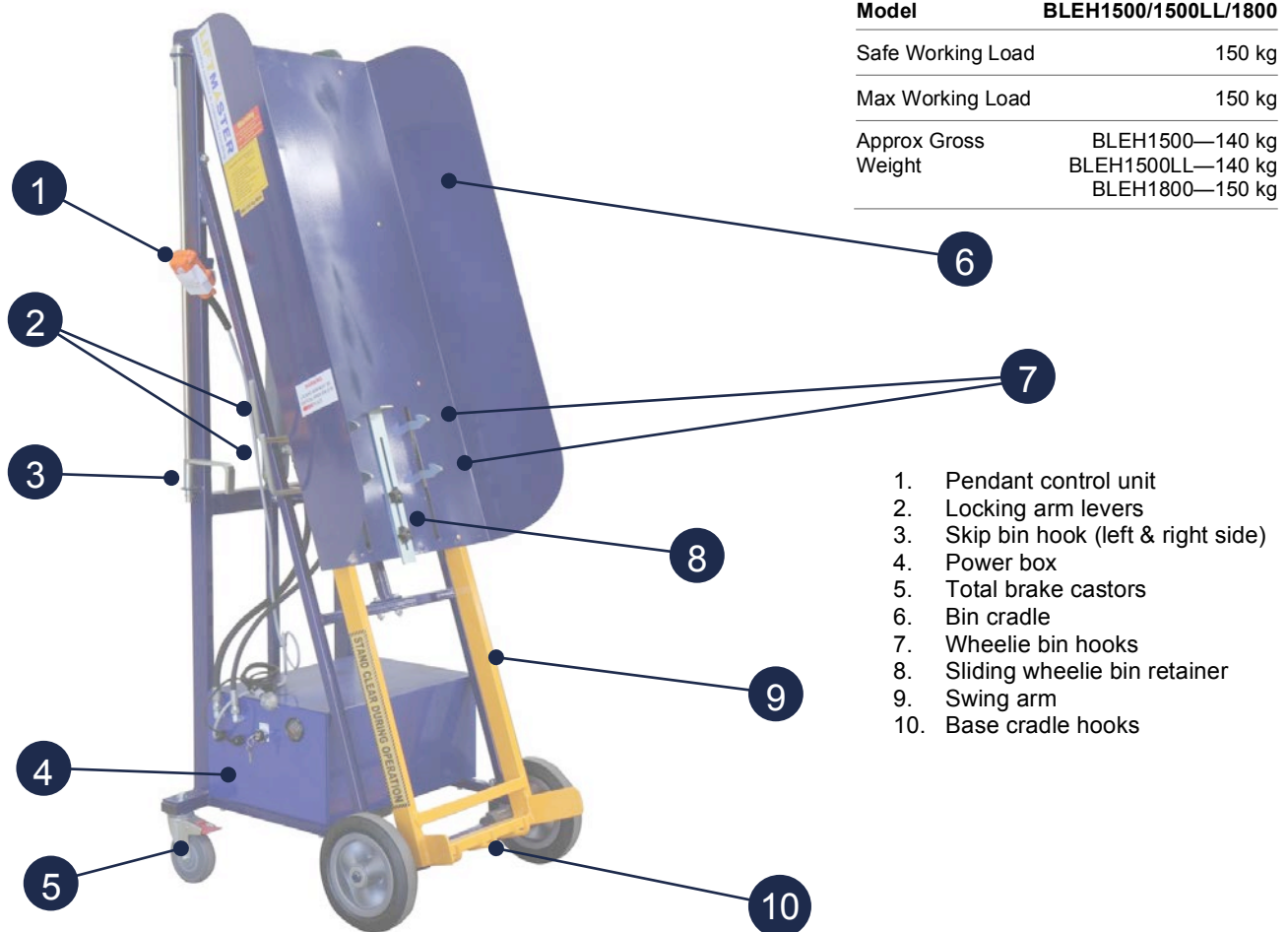
Serviced Equipment Pty Ltd

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Introduction

The 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.



Safe Working Load (SWL) and maximum load capacity are as follows:

Part number	Safe Working Load	Max Load
BLEH1500/1500LL/1800	150 kg	150 kg

Operating Instructions

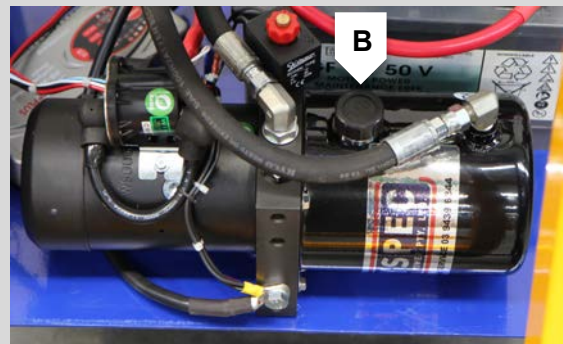
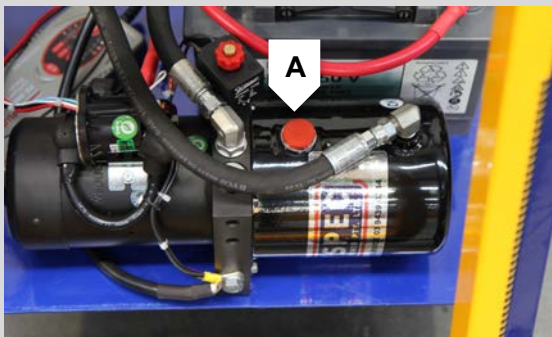
Safety Check

Before using the Rugged Powered 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.



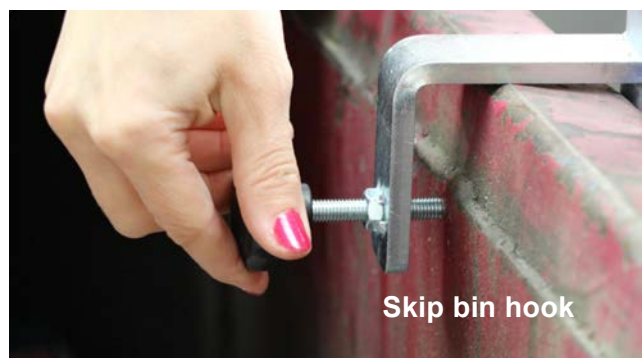
This unit is shipped with a red travel cap (A) on the oil reservoir. **This needs to be swapped with the included black breather (B) cap before operating the unit.**



To swap the caps, unplug the mains power, remove the power box (4) 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

1. Wheel the Rugged Powered Bin Lifter to the skip bin.
2. Position the Rugged Powered Bin Lifter against the skip bin and press down on the two red castor pedals (5) to activate the total brakes.
3. Lift the two skip bin hooks (3) up and over the lip of the bulk bin and fasten securely.



Place the wheelie bin into the unit

1. Adjust the sliding wheelie bin retainer (8) 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 (10).
3. Push the wheelie bin forward to lock into the wheelie bin hooks (7).
4. Move to the side of the bin lifter and switch the power box key (4) 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



Operating this unit safely

- The swing arm (9) 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.

1. Check area is clear and no obstructions exist around the unit.
2. Press and hold the 'UP' button on the pendant control unit (1) 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 (2) and one hand on the wheelie bin.
5. Rotate the locking arm lever (2) down and the wheelie bin will release.



Use the pendant control to start lifting the bin cradle.



Press the UP button until the bin is at its tipping point. Press DOWN to bring the bin cradle back to its rest position.



Rotate the locking arm lever down, to release the wheelie bin.

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.

Spare Parts List

Index	Part Number	Description
1	MSQ125/MZHTB	Total brake castor
2	LSPMBLKEY	Key
3	HYDRAULIC HOSE	Hydraulic hose—special order
4	SPBL1500SHUTE	Bin cradle chute
5	SPLMBINCTCHASS LM12STARLW SPLMBLSRING	Locking arm lever assembly
6	SPLMBLPEND	Pendant control unit
7	SPLMBLBLKBINRODASS SPLM16STARLW	Rod assembly
8	SPLMBLBINCATCH SPLM16STARLW	Skip bin hook
9	SPLMBLCYLINDER	Hydraulic cylinder
10	SPLMBATTERYGEL	Battery
11	SPLMUBELCSMART SPLMBLONOFFSW	2 way on/off switch
12	SPLMBLCHARGER SPLMBLEHKEYLOCK	3 way on/off and charge switch
13	SPBINRETAINARM	Sliding wheelie bin retainer
14	SPLMM8HNDKNB	Sliding wheelie bin retainer knob
15	SPLMBLEHBATIND	Battery indicator
16	SPLMBLEHBRECAP	Breather cap

Warranty

Electrodrive Pty Ltd warrants that this bin lifter is free from defects in materials and workmanship for a period of twelve months from the date of dispatch from the Electrodrive plant at 10A Burwood Ave, Sunshine North, Victoria.

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

Please be aware that modifications and misuse will void your warranty.

Service Log

Service recommendations

To ensure your bin lifter is kept in a safe and reliable condition, it is important to maintain a preventative maintenance program. Maintain a log of the service work on the cards following, and always use an Approved Electrodrive Service Agent to conduct the works. The 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:			

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

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

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

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

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

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

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