

Replaces all previous versions

Effective 8th May 2008

# VEHICLE MOUNTED BIN LIFTER



Pic. 01



Pic. 02

The new generation Bin Lifter uses safety, functionality and reliability as its base platform.

**Greater Stability:**

With a 20% reduction in overall height the bin lifter still maintains a standard tipping height of 1830mm.

**Positive Up, Down Operation:**

Along the "power up", the "power down" option has been added to enhance operation.

**Smoother Operation:**

The addition of two gas springs has improved the smooth operation when emptying bins.

**Robust Structure:**

The compact design has resulted in an effective and robust structure.

**Safety Benefits:**

As this machine is a vertical lift, it eliminates the risk of injury currently encountered from forward operating machinery.

**Energy Efficient:**

Cost effective and power efficient motor means 50% reduction in power consumption and double the power efficiency.

**Cost Effectiveness:**

Cages can be added at minimal cost. Reduced freight cost. Cheaper setup costs.



The Trailer Mounted Bin Lifter illustrated above (pic. 1 & 2)- has its own hydraulics power pack unit.

The Truck Mounted Bin Lifter illustrated below (pic.3&4) - uses the trucks own PTO hydraulic system allowing for infinite cycles:

The swing frame folds up out of the way when not in use to avoid being damaged when driving



Pic. 03



Pic. 04

**Five Methods of operation:**

- 12 volt - vehicle battery (approximately 50 lifts per day).
- 24 volt - vehicle battery (approximately 50 lifts per day).
- 12 volt or 24 volt - Power Pack c/w charger.
- Hydraulic - Vehicle Hydraulic Pump (indefinite operation).
- 240 volt - Small 240 volt AC Generator (indefinite operation).



Pic. 05

All prices/specifications subject to change without notice.

# VEHICLE MOUNTED BIN LIFTER

## INFORMATION NEEDED

Do you require a Bin Lifter for you to install onto an existing utility or trailer yourself ?  
or

Spacepac can supply a Trailer Mounted Bin Lifter complete and ready for your state registration.

### FOR THE TRAILER MOUNTED BIN LIFTER

1. Want trailer size do you require?

- 1800 x 1200mm (6 x 4) ?
- 2400 x 1500mm (8 x 5) ?
- 3600 x 1800mm (12x6) ?
- And is it a standard hitch ?

2. How high do you want the sides of the cage ?  
What volume would you expect to carry ?

3. How many bin tipper cycles per day do you expect to do ?

- < 50
- 50 - 70
- 70 +

4. How heavy do you expect the payload to be ?  
What kind of rubbish. Density x Volume = Mass



### FOR VEHICLE TRAY TOP MOUNTED BIN LIFTER

1. What is the tray height? (Refer to Pic.3 - page 1)

2. Type of power to be used ..

- 12 volt - vehicle battery (approximately 50 lifts per day).
- 24 volt - vehicle battery (approximately 50 lifts per day).  
Both the 12 & 24 Volt Incorporating the vehicle power supplied systems cycles will be dependant on the time the motor of vehicle is running and what RPM motor is doing: All is relevant to power output by alternator to recharge battery.
- 12 volt or 24 volt - Power Pack c/w charger.
- Hydraulic - Vehicle Hydraulic Pump (indefinite operation).
- 240 volt - Small 240 volt AC Generator (indefinite operation).

**Note: If installed by you...**

In case of excessive deck heights, a cutout may be needed to accommodate the machine.; a cut out is required in the Vehicle deck to avoid protrusion of the bin lifter beyond the side, when not in use.

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# TRAILER WITH POWERED TIPPER AND BIN LIFTER

Fully Wired  
Ready for  
Registration

Powered Tipper complies with all appropriate standards

## Powered Tipper Trailer With Bin Lifters - No Sides

Items Trailer Size	Part Number	No of Axles	G.V.M.	Brakes Electric	Bin Lifter Type	
Trailer Size : 1800 x 1200 mm	# SPTTBL180120	1	720 kg	NIL	12 V	Please email to spacepac@ spacepac.com.au for current pricing
Trailer Size : 2400 x 1500 mm	# SPTTBL240150	2	2,000 kg	Electric	12 V	
Trailer Size : 3600 x 1800 mm	# SPTTBL360180	2	2,000 kg	Electric	12 V	

## Powered Tipper Trailer With Bin Lifter - Extended Sides 1,500 mm

Items Trailer Size	Part Number	No of Axles	G.V.M.	Brakes Electric	Bin Lifter Type	
<b>Mesh Sides</b>						
Trailer Size : 1800 x 1200 mm	# SPTTES180120M	1	720 kg	NIL	12 V	Please email to spacepac@ spacepac.com.au for current pricing
Trailer Size : 2400 x 1500 mm	# SPTTES240150M	2	2,000 kg	Electric	12 V	
Trailer Size : 3600 x 1800 mm	# SPTTES360180M	2	2,000 kg	Electric	12 V	
<b>Sheet Sides</b>						
Trailer Size : 1800 x 1200 mm	# SPTTES180120S	1	720 kg	NIL	12 V	Please email to spacepac@ spacepac.com.au for current pricing
Trailer Size : 2400 x 1500 mm	# SPTTES240150S	2	2,000 kg	Electric	12 V	
Trailer Size : 3600 x 1800 mm	# SPTTES360180S	2	2,000 kg	Electric	12 V	

## Powered Tipper Trailer With Bin Lifter - Generator \*\*

Items Trailer Size	Part Number	No of Axles	G.V.M.	Brakes Electric	Bin Lifter Type	
Trailer Size : 1800 x 1200 mm	# SPTTBLG180120	1	720 kg	NIL	240V AC	Please email to spacepac@ spacepac.com.au for current pricing
Trailer Size : 2400 x 1500 mm	# SPTTBLG240150	2	2,000 kg	Electric	240V AC	
Trailer Size : 3600 x 1800 mm	# SPTTBLG360180	2	2,000 kg	Electric	240V AC	

## Powered Tipper Trailer With Bin Lifter, Generator, Sides, Top & Swing Tail Gate

Items Trailer Size	Part Number	No of Axles	G.V.M.	Brakes Electric	Bin Lifter Type	
Trailer Size : 3600 x 1800 mm With: brakes,; 1800mm Mesh sides & Top; swing tailgate - 240 Volt AC Generator **	# SPTTESG360180M	2	2000 kg	Electric	240V AC	Please email to spacepac@ spacepac.com.au for current pricing

\*\* The standard generator that we use has a 240 Volt AC outlet for the use with power tools only this unit is not suited for welders and the like, This is however is an option on request.

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