



ELECTRODRIVE & LIFTMASTER

MATERIALS HANDLING
PRODUCT RANGE

ISSUE 43.6 (07/23)

103 YEARS
1920-2023
MANUFACTURING IN AUSTRALIA



Fallshaw
GROUP

**MOBILITY SOLUTIONS TO HELP YOU
PUSH, PULL & LIFT WITH EASE**



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Niftylift BIN LIFTER



A manually operated bin lifter that aids in the lifting and tipping of wheelie bins—weighing up to 30 kg—into steel skip bins.

The assisted lift and slow-release gas-struts lift bins safely, while protecting the user from costly back injuries associated with lifting heavy loads above shoulder height.



Typical applications

Suitable for retail outlets, offices and factories.

Features

Lifting	
Capacity:	30 kg
Mechanism:	Full-swing
Recommended use	
Per person per day:	2 lifts
Bin compatibility	
Wheelie:	120 and 240 litre
Skip:	Up to 1500 mm
Operation	
Method:	Manual assisted lift
Time:	45 seconds
Dimensions (L/W/H)	900/800/1420 mm
Highest tip point	2850 mm
Fits through internal doorways	Yes

Safety features

- Skip bin hooks: Secures the bin lifter to a steel dumper bin, and only operates when secured.
- Padlock: The unit can only operate when unlocked.
- Slow-release gas-struts: Ensures the bin won't suddenly drop and potentially cause injury.
- Base cradle hook: The unit can only operate when the bin is resting on the base cradle hook.

ORDER CODE

Niftylift bin lifter 30 kg

NIFTYLIFT30

Rugged (manual) BIN LIFTER



Galvanised finish also available.

Designed with manoeuvrability in mind, its small footprint, light weight, spark-free operation and manual handpump make it the perfect solution for emptying wheelie bins into steel skip bins. Ideal for building sites, industrial worksites, mines, factories and spark-free environments.

The All Terrain model with its pneumatic wheels (pictured below) or the galvanised models are perfect for outdoor use.

Made in Australia.

* Note: When using a 140 litre wheelie bin, you must change the position of the bin catch.



The Rugged Manual All Terrain model, with pneumatic wheels.

Note: The All Terrain is 140-150 mm higher than BLHP1500.



Typical applications

Suitable for construction sites, industrial worksites, mines, factories and spark-free environments.

Features

Lifting	
Capacity:	• 100 kg
Mechanism:	• Full-swing
Recommended use	
Per person per day:	10 lifts
Bin compatibility	
Wheelie:	• 120, 140* and 240 litre.
Skip:	• 1500 and 1800 mm.
	Please note: Not compatible with 660 and 1100 litre plastic skip bins due to insufficient weight for holding the bin lifter in place when emptying 240 litre wheelie bins.
Operation	
Method:	• Hydraulic hand-pump.
Mode:	• Full-swing.
Time:	• 45 seconds/28 pumps.
Dimensions (L/W/H)	BLHP1500: 850/850/1700 mm BLHP1800: 850/850/1960 mm
Highest tip point	BLHP1500/1500LL: 3278 mm BLHP1800: 3752 mm
Fits through internal doorways	Yes

Safety features

- Hand-pump ensures gradual controlled lift.
- Braking castors for stability.

ORDER CODE

Rugged Manual bin lifter (1500 mm skip bins)	BLHP1500
Rugged Manual All Terrain bin lifter (1500 mm skip bins)	BLHPAT1500
BHLP1500—lid lifter compatible	BLHP1500LL
Rugged Manual bin lifter (1800 mm skip bins)	BLHP1800
Galvanised finish (1500 mm skips)	BLHP1500GAL
Galvanised finish (1800 mm skips)	BLHP1800GAL

Rugged (powered) BIN LIFTER



Galvanised finish also available.



Typical applications

Suitable for construction sites, hotels, apartments, high-rise basements, caravan parks and other large outdoor areas

Features

Lifting	
Capacity:	• 150 kg
Mechanism:	• Full-swing
Recommended use	
Per day:	50 lifts
Bin compatibility	
Wheelie:	• 120, 140* and 240 litre.
Skip:	• 1500 and 1800 mm
	Please note: Not compatible with 660/1100L plastic skip bins due to insufficient weight for holding bin lifter in place when emptying 240L wheelie bins.
Operation	
Method:	• Push-button hydraulic system
Mode:	• Full-swing
Time:	• 35 seconds
Dimensions (L/W/H)	BLEH1500: 850/850/1700 mm BLEH1800: 850/850/1960 mm
Battery	• 12V rechargeable battery and smart charger. • 10A main outlet
Highest tip point	BLEH1500/1500LL: 3278 mm BLEH1800: 3752 mm
Swept radius	BLEH1500/1500LL: 1629 mm BLEH1800: 1909 mm
Fits through internal doorways	Yes

Designed with manoeuvrability in mind, its small footprint and light weight—combined with the 240V electro-hydraulic operation—make it the perfect solution for emptying heavy wheelie bins into steel skip bins on building and industrial sites.

The All Terrain model with its pneumatic wheels (pictured below) or the galvanised models are perfect for outdoor use.

Made in Australia.

* Note: When using a 140 litre wheelie bin, you must change the position of the bin catch.



The Rugged Powered All Terrain model, with pneumatic wheels.

Note: The All Terrain is 140-150 mm higher than BLEH1500.

Safety features

- Braking castors for stability.

	ORDER CODE
Rugged Powered (1500 mm skips)	BLEH1500
Rugged Powered All Terrain (1500 mm skips)	BLEHAT1500
BLEH1500—lid lifter compatible	BLEH1500LL
Rugged Powered (1800 mm skips)	BLEH1800
Galvanised finish (1500 mm skips)	BLEH1500GAL
Galvanised finish (1800 mm skips)	BLEH1800GAL

Ecolift BIN LIFTER



A lift-and-tilt crank handle operated unit for lifting and tipping wheelie bins into skip bins. Suitable for schools, factories, retail outlets and offices.

Eliminating all lifting from the process of emptying wheelie bins into skip bins, the bin is lifted by simply manually rotating the crank-handle—protecting the user from costly back injuries associated with lifting heavy loads above shoulder height.



Typical applications

Suitable for schools, factories, retail outlets and offices.

Features

Lifting	
Capacity:	50 kg
Mechanism:	Lift-and-tilt
Recommended use	
Per person per day:	6 lifts
Bin compatibility	
Wheelie:	80, 120, 140 and 240 litre
Skip:	Up to 1500 mm
Operation	
Method:	Manual winding crank-handle
Time:	45 seconds
Cable length	3.2 m
Dimensions (L/W/H)	1200/800/2000 mm
Highest tip point	2800 mm
Fits through internal doorways	Yes (with winch handle removed)

Safety features

- Safety cage panels to protect operators and bystanders.
- The winding motion of the crank handle operation ensures gradual controlled bin lifting.
- Braking castors for stability.

ORDER CODE

Ecolift bin lifter 50 kg for 1500 mm skip bins.

ECOLIFT50

Simplicity Plus BIN LIFTER



Typical applications

Suitable for factories, warehouses, storage facilities, apartment blocks, waste management companies, event organisers.

Features

Lifting	
Capacity:	150 kg
Mechanism:	Lift-and-tilt
Recommended use	
Per day:	100 lifts
Bin compatibility	
Wheelie:	80, 120, 140 and 240 litre
Skip:	1500 and 1800 mm
Operation	
Method:	Push-button hydraulic system
Time:	35 seconds
Dimensions (L/W/H)	1500/980/2200 mm
Battery	<ul style="list-style-type: none"> • 12V rechargeable battery and smart charger • 10A main outlet
Highest tip point	SIMPLUS150HY1500: 2550 mm SIMPLUS150HY1800: 2800 mm

Safety features

- Safety cage eliminates hand and foot crush-points for operators and bystanders.
- Braking castors for stability.

A battery operated hydraulic push button unit that aids in the lifting and emptying of wheelie bins into dumper bins.

The ideal unit for heavy weight and frequent lifts. The push-button operation eliminates the manual handling and associated risks of lifting bins.

Suitable for factories, warehouses, storage facilities, apartment blocks, waste management companies, event organisers.



ORDER CODES

Simplicity Plus for 1500 mm skip bins	SIMPLUS150HY1500
Simplicity Plus for 1800 mm skip bins	SIMPLUS150HY1800

Universal BIN LIFTER



Typical applications

Suitable for supermarkets, schools, construction sites, apartment blocks, waste management companies, event organisers.

Features

Lifting	
Capacity:	250 kg
Mechanism:	Lift-and-tilt
Recommended use	
Per day:	100+ lifts
Bin compatibility	
Wheelie:	80, 120, 140 and 240 litre
Skip:	1500 and 1800 mm
Operation	
Method:	Push-button hydraulic system
Time:	35 seconds
Dimensions (L/W/H)	1500/980/2200 mm
Battery	<ul style="list-style-type: none"> • 12V rechargeable battery and smart charger • 10A main outlet
Highest tip point	UBL250HYD1500: 2550 mm UBL250HYD1800: 2800 mm

Safety features

- Safety cage and door eliminates all hand and foot crush-points for operators and bystanders.
- Braking castors for stability.
- Sturdy, stand-alone unit.

A battery operated hydraulic push button unit that aids in the lifting and emptying of wheelie bins into dumper bins. Completely Australian Standards compliant, the safety cage and extra guarding adds extra protection for users.

This is an ideal unit for heavy weight and frequent lifts. The push-button operation eliminates manual handling and associated risks of lifting bins.

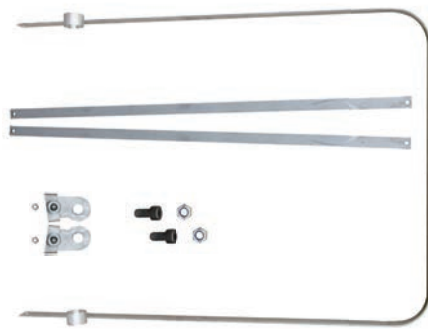
Suitable for supermarkets, schools, construction sites, apartment blocks, waste management companies, event organisers.



ORDER CODES

Universal bin lifter for 1500 mm skip bins	UBL250HYD1500
Universal bin lifter for 1800 mm skip bins	UBL250HYD1800

Wheelie bin lid opener KIT



For use in food, medical and industrial operations the Wheelie Bin Lid Opener bin is the hygienic way to dispose of waste without getting your hands dirty touching the bin.

Simply use the foot pedal to open and close a lidded wheelie bin. Designed and fitted right here in Australia from stainless steel the Wheelie Bin Lid Opener is perfectly suited for fast paced environments where waste needs to be handled quickly and efficiently.

We also offer the Wheelie Bin Lid Opener unassembled so you can purchase in bulk and save in shipping and handling charges.

- The bin can be partially opened (and held in place with your foot) for quick use.
- Fully opened for times when large waste needs to be emptied and closed again with a quick press of the pedal.

Features and benefits

- Full stainless steel.
- Can be purchased fully assembled or unassembled.
- Hygienic hands-free operation.
- Can be operated from the front or side.
- Prevents cross contamination from bin to food transfer.
- Cost savings can be achieved by a reduction on handwashing, glove use and hand sanitiser.
- A Wheelie Bin Lid Opener bin can be emptied by a Liftmaster bin lifter into a bulk bin.
- Can be picked up and emptied by a waste bin truck in the usual weekly/daily collection.
- Compatible with 80, 120 and 240 litre wheel bins.
- Designed to be used only on Sulo and Schaefer bins.

Wheelie Bin Lid Opener kit components

- A foot pedal frame and vertical bars.
- Hinges.
- Nuts and bolts.

Typical applications

Suitable for commercial kitchens and food preparation areas. Washrooms and bathrooms, medical and healthcare facilities, industrial and construction, commercial or residential sites where emptying waste safely is required.

KITS	BIN SIZE	ORDER CODES
Kit sold separately. For fitting to your existing wheelie bin.	80 litres	SPLIFTALID80
	120 litres	SPLIFTALID120
	240 litres	SPLIFTALID240
Unassembled kit with wheelie bin. Ideal for buying in bulk.	80 litres	SPLIFTALID80UN
	120 litres	SPLIFTALID120UN
	240 litres	SPLIFTALID240UN
Pre-assembled kit fitted to a wheelie bin.	80 litres	SPLIFTALID80AS
	120 litres	SPLIFTALID120AS
	240 litres	SPLIFTALID240AS

WHEELIE BINS	BIN SIZE	ORDER CODES
80 litre wheelie bin. Dimensions (H x D x W): 825 x 496 x 440 mm	80 litre	80LTBIN
120 litre wheelie bin. Dimensions (H x D x W): 925 x 555 x 480 mm	120 litre	120LTBIN
240 litre wheelie bin. Dimensions (H x D x W): 1060 x 730 x 550 mm	240 litre	240LTBIN
360 litre wheelie bin*. Dimensions (H x D x W): 1116 x 904 x 669 mm	360 litre	360LTBIN

* The 360LTBIN is a special order. We do not stock this item.

SPARE PARTS	ORDER CODE
Wheelie bin wheels	RPL200(DTR)

Modular bin trailer BIN MOVER



The Modular Bin Trailer is the ideal solution for moving multiple wheelie bins to a centralised area, and suited to facilities with multiple wheelie bins which need to be moved regularly for emptying.

Available in two sizes—a three-bay bin or a six-bay bin model—the Modular Bin Trailer is compatible with 80, 120, 140, 240 and 360 litre wheelie bins.

When coupled with an Electrodrive powered tug (tow capacity depending on application), the tug can be configured to attach directly to the Modular Bin Trailer (or your large waste bin).

Please note: These units are supplied flat-packed ready for assembly.



Typical applications

Suitable for apartment buildings, schools, sports grounds, hotels, universities and institutions.

Features

Load capacity	3-bay trailer: Up to 240 kg per bin bay. 6-bay trailer: Up to 200 kg per bin bay. (Maximum weight capacity of 1200 kg castors)
Usability	Fits within one standard car parking space.
Bin compatibility	80, 120, 140, 240 and 360 litre wheelie bins
Hitching	<ul style="list-style-type: none"> • Comes with a drawbar to suit pin hitch as standard. • Also available with tow ball or hitch couplings.
Dimensions (L/W/H)	<ul style="list-style-type: none"> • 3-bay trailer: 2850/700/1432 mm • 6-bay trailer: 2874/1378/1447 mm
Shipping dimensions (L/W/H)	2400/700/1432 mm

Safety features

Gas strut actuated bin ramp.

ORDER CODES

Three bay trailer for 80–360 L wheelie bins	MODULAR3
Six bay trailer for 80–360 L wheelie bins	MODULAR6

Powered bin trolley BIN MOVER



The Powered Bin Trolley can move up to three 240 litre wheelie bins—weighing up to 400 kg—over a flat surface. Its powered drive-wheel can also handle ramps with up to 5° inclines.

The smart design allows for an easy turning circle and smooth manoeuvrability, while the operator safely stays in front of the load, maximising forward vision.



Typical applications

Suitable for nursing homes, car parks, theme parks, hospitals and sporting complexes.

Features

Tow capacity	400 kg on flat ground or up to 5° inclines.
Load capacity	Up to three 240 litre wheelie bins
Max. speed	Up to 4.5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none">• Powered drive wheel can carry loads over ramps up to 5°.• No driver's licence required.• Simple to use with easy turning action.• Quiet, smooth operation.• Zero emissions.
Dimensions (L/W/H)	2887/739/1596 mm 2600/739/1596 mm (handle folded up)
Battery	12V rechargeable battery and smart charger.

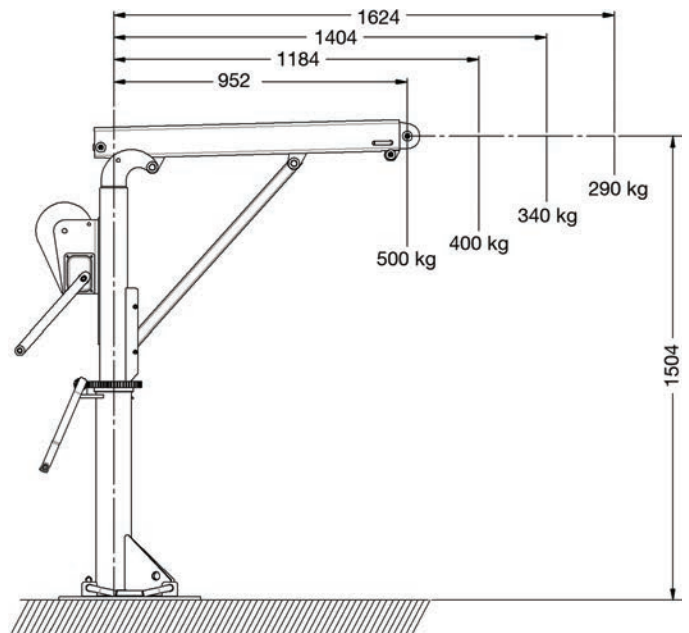
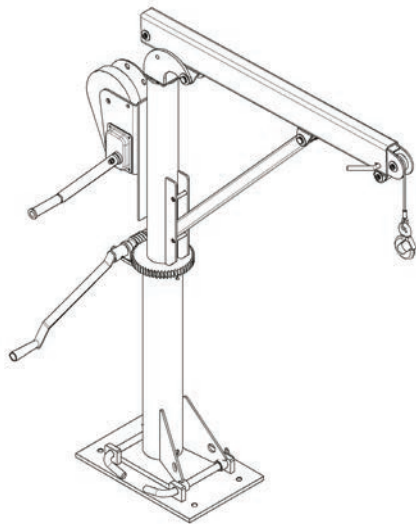
Safety features

- Intuitive control with standard automatic safety brake, forward and reverse drive.
- Emergency stop button.
- Emergency back-off button.

Powered Bin Trolley

ORDER CODE
POWBINTROLLEY

Strong Arm HOIST



Typical applications

Suitable for plant equipment, workshops, manufacturing and factories.

Features

Lifting capacity:	500 kg
Usage:	Base plate be bolted to a concrete floor. (Can be folded for storage.)
Operation method:	Hand winch
Cable length:	10 m
Dimensions (L/W/H)	1171/508/1557 mm

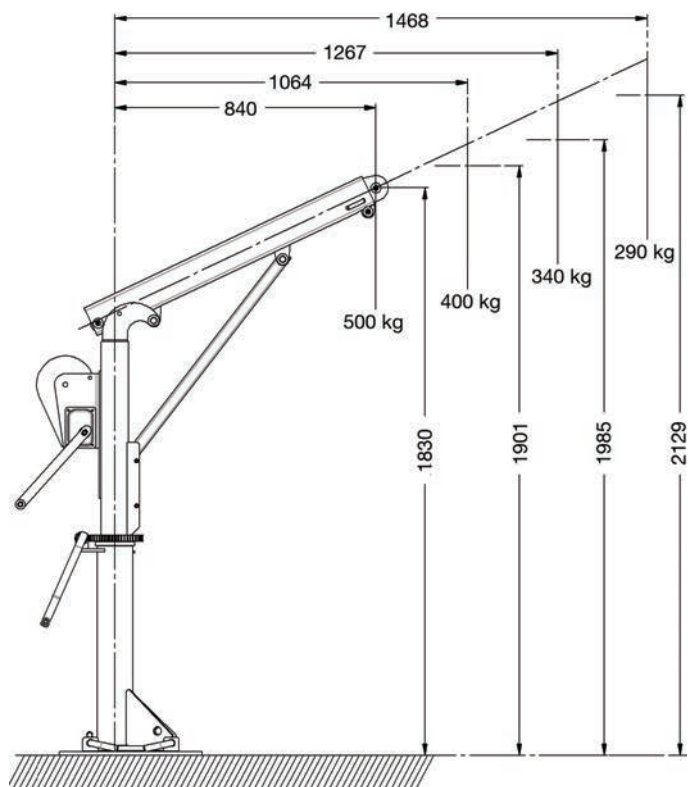
The Strong Arm is a cantilever crane designed to be statically bolted to a concrete floor (eg. loading bay).

An integral piece of plant equipment used for lifting loads between floors—while effectively eliminating the need for manually carrying heavy, bulky equipment on stairs, or the use of a forklift.

A hand winch is low-g geared to ensure loads of up to 500 kg can be easily raised, while precise positioning of the load is achieved through geared hand-slewing of the mast.

Extra lift height can be achieved by raising the boom (prior to lifting the load).

The mast is fitted to the base plate with two pins. Remove the first pin and the mast can be folded down for easy travel. Remove the second (pivot) pin and the Strong Arm can be stowed away.



Please note: Supply only. Fitting is as per specific site requirements. Onsite installation and mounting must be performed by a qualified engineer.

ORDER CODE

Strong Arm hoist 500 kg

SIS4HW

Tub trolley mover



An ergonomic tub trolley solution to eliminate awkward bending, unsafe lifting and difficult steering when moving tubs.

Designed for the food and retail industries, Electrodrive's ergonomic tub trolley improves manual handling of food and goods by reducing the risk of musculoskeletal injury caused by awkward bending and pushing of heavy tubs at floor level.

Easy to use—simply position the trolley on either side of the tub, and then push down on the foot pedal to lift the tub and securely lock it into place—enabling effortless transportation of heavy tubs.

Customer trials have proven to increase the overall productivity by 30%. This was achieved by eliminating manual handling associated with lifting, shifting and tipping heavy tubs, and reducing the labour hours involved in the daily process of emptying food waste.



Typical applications

Suitable for the food and retail industries for improved handling of food and goods.

Features

Load capacity	560 kg (with Fallshaw's non-marking 100 mm grey rubber castors).
Finish	Two options are available: <ul style="list-style-type: none"> • Powder-coat for general use. • Stainless steel (grade 304) for raw food handling.
Usability	<ul style="list-style-type: none"> • Highly manoeuvrable and easy to use. • Proven to increase efficiency by up to 30%. • Ergonomic design to reduce the risk of injury. • Foot pedal for lifting and securely locking tubs into the trolley frame, or for releasing them. • Can be designed to suit your current tubs. • Can be used with an Electrodrive tipper (contact us for info).
Castors	Fitted with quality Australian-made Fallshaw food-grade castors (100 mm non-marking grey rubber): <ul style="list-style-type: none"> • Two swivel (order code: MSC100G/MSP) • Two fixed (order code: MSC100G/MSF).
Dimensions (L/W/H)	1055/580/948 mm

ORDER CODE

Tub trolley (minimum order quantity of 6)

SIE3038

For a commercial custom-made waste solution, ask about our 'Custom-Made Loading Dock Tipper Station' for use with the tub trolley.

Follow-Me trolley



Typical applications

Suitable for retail or industrial environments, including supermarkets where shoppers are pushing trolleys around aisles and passages.

Features

Usability	<ul style="list-style-type: none"> • High manoeuvrability of trolley trains through tight corners and S-bends. • Stay in 'front of load', preventing push-pull injuries and the risk of collisions with pedestrians or objects. • Suitable for retail or industrial environments, including supermarkets where shoppers are pushing trolleys around aisles and passages. • Can be ordered separately or with the Tug Compact. • Articulation system can be retrofitted to your existing fleet of trolleys. • Made to order.
Hitching	Quick release levers for easy hitching and unhitching.
Dimensions (L/W/H)	Standard size: 819/411/943 mm

Custom sizes available

Can also be customised to suit any application. The articulation system can even be retrofitted to your existing fleet of trolleys.

For a hitch that is designed to suit your equipment please see pages 29-31.

	ORDER CODES
Follow-Me Trolley (single trolley)*	FOLLOWMETRLY
Tug Compact (no hitch)	TUGCOM500NH
Tug hitch	EDHTFLWMETRLY

* FOLLOWMETRLY: minimum order quantity of six.

The Follow-Me Trolley is a highly manoeuvrable flatbed trolley with an articulation system inspired by B-Double trailers and road trains.

Designed with a quick hitching mechanism, each trolley can be easily hitched into a train where it mimics the movement of the object directly in front, giving the whole train a very tight turn circle and allowing it to negotiate tight corners and S-bends.

Combined with an Electrodrive powered tug, up to 10 fully loaded Follow-Me Trolleys can be towed safely by one person through tight shopping aisles.

Designed for the smallest tug in our range, the Tug Compact (with its width of only 609 mm) allows it to comfortably fit through doorways and corridors.



*Pictured:
A chain of Follow-Me Trolleys
hitched to the Tug Compact
(can be ordered separately).*

Tug Compact POWERED TUG



Typical applications

Suitable for warehouses, hospitals, linen service, casinos, hospitality, universities.

Features

Tow capacity	500 kg on flat ground.
Max. speed	Up to 5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Grey non-marking tyres. • No driver's licence required. • Simple to use. • Quiet, smooth operation. • Zero emissions.
Hitching	<ul style="list-style-type: none"> • Supplied with a pin hitch. • Wide variety of hitches available for easy attachment to trolleys.
Dimensions (L/W/H)	1100/609/891 mm (handle down)
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

- Intuitive control with standard automatic safety brake, forward and reverse drive.
- Emergency stop button.
- Emergency back-off button.

A nimble powered tug that allows a user to tow up to 500 kg safely. It is the ideal tug for towing document, stock, bin, linen and medical trolleys in and around tight spaces and aisles with ease.

Using the tiller handle to tow the tug, the operator is in front of the load, increasing visibility and reducing the risk of collisions.

Powered towing can eliminate push/pull injuries caused by manually moving heavy trolleys or repetitive movements.

See pages 29-31 for hitch options.



ORDER CODES

Tug Compact 500 kg	TUGCOM500NH
Pin hitch (16 mm)	EDHT1810-002
Pin hitch (19 mm)	EDHT1810-043
Clamp hitch*	EDHTCLAMP001
Self-centering hitch	EDHT1810-006

* Each clamp hitch must be supplied with EDHT1810-006 (self-centering hitch) for the Tug Compact.

Tug Rise POWERED TUG



Typical applications

Suitable for moving heavy bins or trolleys on sloped driveways/ ramps, around high-rise building basements, or caravan parks.

Features

Tow capacity	1000 kg up a 15 degree incline, (or up to 5,000 kg on a flat surface).
Max. speed	Up to 4 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Ergonomic design with folding tiller handle. • Turret with turret lock for easy reversing. • Heavy duty high-traction wheels (black). • Park brake release—to enable manual operation in the event of a flat battery. • Low maintenance
Hitching	<ul style="list-style-type: none"> • Wide variety of hitches available. • Universal towing device to suit 660 litre and 1100 litre bins available.
Towing options	<ul style="list-style-type: none"> • Can tow multiple bins. • Move 660 litre and 1100 litre bins on a 15 degree ramp or incline. • Directional lock mechanism for swivel castors is available.
Dimensions (L/W/H)	1800/902/894 mm (approx.)
Battery	Two 12V-70Ah rechargeable batteries (deep cycle, long lasting, maintenance-free) with 24V smart charger. <i>Optional upgrade: 100Ah batteries.</i>

Safety features

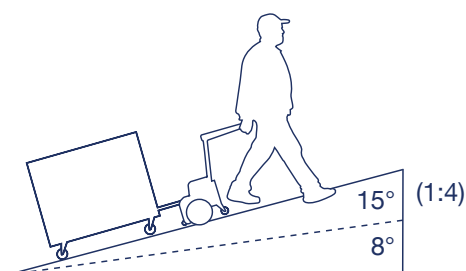
- Emergency stop button; Emergency back-off button;
- Electromechanical park brake.

The Tug Rise pedestrian operated electric tug has been designed to tow on slopes or ramps, and is capable of towing up to 1 tonne on a 15 degree ramp with ease, or up to 5 tonne on a flat surface.

The Tug Rise is the ideal solution for moving 660 litre and 1100 litre bins on ramps with an incline of 1:4. Universal towing devices (to suit 660 and 1100 litre bins) are also available, as well as directional lock mechanisms for swivel castors to help improve your waste management.

The Tug Rise is designed to improve safety and efficiency, whilst reducing the risk of accidents that can occur when manually moving very heavy loads.

See pages 29-31 for hitch options.



ORDER CODES

Tug Rise 1 Tonne (no hitch)	TUGRISE1TNH
Pin hitch (19 mm)	EDHT1316
Pin hitch (29 mm) standard for 660/1100L bins	EDHT1810-052
Auto-latching hitch	EDHT1810-024

Tug Axis 1T/2T POWERED TUG



(Pictured with Auto-latching hitch—320mm height from ground)

A powerful machine, the Tug Axis is available in one or two tonne towing capacities.

Ideal for transporting medical carts around hospitals, moving heavy specialist equipment or moving heavy trolleys.

Using the tiller handle to tow the tug, the operator is in front of the load, increasing visibility and reducing the risk of collisions.

Powered towing can eliminate push/pull injuries caused by manually moving heavy trolleys or repetitive movements.

See pages 29-31 for hitch options.



Typical applications

Suitable for retail and light industrial towing including airports, factories, warehouses, apartment buildings or large facilities.

Features

Tow capacity	<ul style="list-style-type: none"> • Tug Axis 1T: 1000 kg • Tug Axis 2T: 2000 kg (On flat ground, or with reduced towing capacity on ramps up to 8 degrees.)
Max. speed	Up to 5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Turret with turret lock for easy reversing. • Easy to use with quiet, smooth operation.
Hitching	Wide variety of hitches available for easy attachment to trolleys.
Dimensions (L/W/H)	1480/610/852 mm (handle down)
Battery	Two 12V-42Ah rechargeable batteries with 24V smart charger.

Safety features

- Intuitive control with standard automatic safety brake, forward and reverse drive.
- Emergency stop and back-off safety buttons.

ORDER CODES

Tug Axis 1T (no hitch)	TUGAXIS1TNH
Tug Axis 2T (no hitch)	TUGAXIS2TNH
Auto-latching hitch	EDHT1810-024
Pin hitch (16 mm)	EDHT1313
Pin hitch (19 mm)	EDHT1316
Clamp hitch (heavy duty)	EDHTCLAMP002*
Groove hitch	EDHTGROOVE001
Tow ball A-frame hitch	EDHT1810-023

* EDHTCLAMP002: 1000 kg maximum capacity.

Tug Axis 4T/5T POWERED TUG



[Pictured with an auto-latching hitch]



A powerful workhorse, the Tug Axis is available in four or five tonne towing capacities.

The Tug Axis is designed to improve safety and efficiency, whilst reducing the risk of accidents that can occur when manually moving very heavy loads.

Suitable for industrial towing or moving specialist equipment.

Ideal solution in helping to implement a 'no forklift zone' while protecting staff and products.

See pages 29-31 for hitch options.



Typical applications

Suitable for large retail/facilities, heavy industrial towing, airports or factories.

Features

Tow capacity	<ul style="list-style-type: none"> • Tug Axis 4T: 4000 kg • Tug Axis 5T: 5000 kg (On flat ground, or with reduced towing capacity on ramps up to 8 degrees.)
Max. speed	Up to 4 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Turret with turret lock for easy reversing. • Easy to use with quiet, smooth operation. • Zero emissions.
Hitching	Wide variety of hitches available for easy attachment to trolleys.
Dimensions (L/W/H)	<ul style="list-style-type: none"> • Tug Axis 4T: 1465/790/875 mm • Tug Axis 5T: 1740/900/905 mm
Battery	Two 12V-70Ah rechargeable batteries with 24V smart charger. <i>Optional upgrade: 100Ah batteries.</i>
Optional	Grey wheels

Safety features

- Emergency stop and back-off safety buttons.
- Intuitive control with standard automatic safety brake, forward and reverse drive.

ORDER CODES

Tug Axis 4T (no hitch)	TUGAXIS4TNH
Tug Axis 5T (no hitch)	TUGAXIS5TNH
Auto-latching hitch	EDHT1810-024
Pin hitch (19 mm)	EDHT1316
Pin hitch (29 mm) standard for 660/1100L bins	EDHT1810-052
Tow ball A-frame hitch	EDHT1810-023
Hydraulic arm lift kit	EDHYDARMLIFTKIT

Tug Tough 10T POWERED TUG



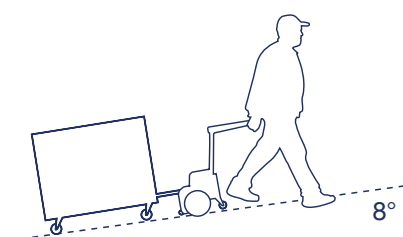
The perfect heavy duty workhorse for loads up to 10 tonnes, the Tug Tough utilises a powerful 48 V drive system to allow a single operator to hitch to and move big loads.

The Tug Tough can be fitted with an optional hydraulic lifting hitch available for either capacity.

It allows the operator to walk in front of the heavy load, allowing maximum forward vision and eliminating the possibility of accidents when negotiating turns.

Ideal for moving very heavy wheeled loads and equipment, heavy duty construction, vehicles and aircraft.

See pages 29-31 for hitch options.



Typical applications

Suitable for airports, mining, factories, railways.

Features

Tow capacity	Tow up to 10 tonnes on flat ground, with reduced towing capacity up to 8 degrees
Max. speed	Up to 2.5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Heavy duty construction, perfect for pulling very heavy equipment, vehicles and aircraft. • Fully contained unit—wheels and drive system housed within box covers. • Hazard yellow for high-visibility and industrial work areas. • Flashing amber warning light (optional).
Hitching	<ul style="list-style-type: none"> • Wide variety of automated hitches available. • A five tonne lifting hitch is available.
Dimensions (L/W/H)	1912/650/910 mm
Battery	Four 12V-70Ah rechargeable batteries with 48V smart charger. <i>Optional upgrade: 100Ah batteries.</i>

Safety features

- Intuitive control with standard automatic safety brake, forward and reverse drive.
- Emergency stop button.
- Emergency back-off button.

ORDER CODES

Tug Tough 10 tonne (no hitch)	TUGTOUGH10TNH
Pin hitch (32 mm)	EDHT10TPIN
Pin hitch (50 mm)	EDHT10TPIN50
Hook hitch	EDHT10THOOK
Tow ball hitch	EDHT1352

Wheelset Mover



Traditional methods for moving rolling stock equipment are risky and time consuming, requiring large forklifts and multiple people.

Electrodrive's Wheelset Mover is a custom-engineered, battery-powered device capable of moving large cylindrical objects such as train bogies, spools and drums.

It enables a single operator to move safely and swiftly with minimal effort—saving time, increasing productivity while reducing the risk of injury.

It is the deal solution in helping to implement a 'no forklift zone', while the user has full visibility of all points and staff members in the vicinity.



Typical applications

Suitable for moving rail wheelsets, train bogies, cylinders, pipes, spools, industrial drums.

Features

Tow capacity	Move up to 1400 kg on flat surface
Max. speed	Up to 4.1 km per hour (fully programmable)
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none">• Battery operated and rechargeable.• Key on/off switch.• Ergonomic design with intuitive controls and tiller control handle.• Hydraulic park brake release—to enable manual operation in the event of a flat battery.• Low maintenance.• Simple to use, no licence required.• Quiet, smooth operation.• Zero emissions.
Dimensions (L/W/H)	3264/1505/869 mm 2704/1505/869 mm (will tiller arm raised)
Battery	Two 12V-70Ah rechargeable batteries (deep cycle, long-lasting, maintenance free) with 24V smart charger.

Safety features

- Emergency stop and back-off safety buttons.
- Hydraulic manual override.
- Horn and warning light.

ORDER CODE

Wheelset mover

WHEELSETMOVER

Transpak POWERED TROLLEY



Electrodrive's Transpak powered trolley is designed for carrying or towing meal delivery systems up to 500 kg.

It is completely customisable to suit any meal delivery system.

Meal deliveries in hospitals and aged care facilities can be a demanding task. Pushing and manoeuvring refrigerated and heated tray delivery units presents serious risks of manual handling injuries, including back and side strains, while obscured vision increases the risk of accidents and collisions.

Manoeuvring the Transpak is easy with its tiller style control. It effortlessly moves heavy loads up and down ramps, over carpet and in-and-out of lifts. User visibility is vastly improved with the trolley positioned behind the operator, keeping the user in front-of-the-load for maximum forward visibility.



Typical applications

Suitable for hospitals, hotels, aged care facilities and function centres.

Features

Tow capacity	500 kg
Max. speed	Up to 4.5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none">• No driver's licence required.• Simple to use.• Quiet, smooth operation.• Zero emissions.
Compatibility	<ul style="list-style-type: none">• Compatible with all meal delivery systems including those from Burlodge, Socamel and Versigen.• Frame size can be built to suit your requirements.
Dimensions (L/W/H)	1802/785/895 mm
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

- Intuitive control with standard automatic safety brake, forward and reverse drive.
- Emergency stop button.
- Emergency back-off button.

ORDER CODE

Transpak powered trolley 500 kg

TRANSPAK500

Gzunda GZ10SL PATIENT MOVER



The Gzunda GZ10SL (Slimline) patient mover is intelligently designed for moving patients safely. It is simple-to-use and is powerful enough for a person to move hospital beds, stretchers or trolleys weighing up to 500 kg, single-handedly. Whether you're moving patients between wards, or to and from the operating theatre, The GZ10SL hospital bed mover keeps your medical staff safe from muscle and back strains.

The GZ10SL has easy-to-use controls, including key start, twist grip variable speed control, horn, and emergency stop button. As with all Electrodrive equipment, the GZ10SL comes with a comprehensive 12-month warranty, including parts and labour.

See pages 33-34 for hitch options.



Typical applications

Suitable for moving hospital beds, stretchers or trolleys.

Features

Load capacity	Move up to 500 kg.
Max. speed	Up to 5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Compact and easy to manoeuvre in tight spaces. • Intuitive controls with twist grip throttle and horn. • Requires 90 mm of under-bed clearance. • No driver's licence required. • Simple to use. • Quiet, smooth operation. • Zero emissions. • Non-marking tyres.
Hitching	<ul style="list-style-type: none"> • Push-button hitching—silent, fast and efficient. • A variety of hitches are available.
Dimensions (L/W/H)	1190/780/1126 mm
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

- Emergency stop button.
- Emergency back-off button.

ORDER CODE

Gzunda GZ10SL 500 kg — no hitch

GZ10SL(NH)

Gzunda GZS PATIENT MOVER



The Gzunda GZS patient mover allows one person to effortlessly move heavy hospital beds, stretchers, treatment chairs or trolleys. The motorised unit operates equally well with or without a patient, simplifying the task of moving beds or patients between wards, departments, or to and from theatre, allowing the driver to focus on the needs of the patient during transport.

With a capacity of 600 kg, the silent motorised unit is able to move a hospital bed up or down ramps, over carpet, into lifts, and around tight corners with minimal effort by the operator. The GZS has easy-to-use controls, including key start, twist grip variable speed control, horn, and emergency stop button. As with all Electrodrive equipment, the GZS comes with a comprehensive 12-month warranty, including parts and labour.

See pages 33-34 for hitch options.



Typical applications

Suitable for moving hospital beds, stretchers, treatment chairs or trolleys. No under-bed clearance is required.

Features

Load capacity	Move up to 600 kg
Max. speed	Up to 5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Highly manoeuvrable in tight spaces. • Intuitive controls with twist grip throttle and horn. • No under-bed clearance required. • No driver's licence required. • Simple to use. • Quiet, smooth operation. • Zero emissions. • Non-marking tyres.
Hitching	<ul style="list-style-type: none"> • Push-button hitching—silent, fast and efficient. • A variety of hitches are available.
Dimensions (L/W/H)	<ul style="list-style-type: none"> • GZSIN(NH): 1245/920/1230 mm • GZSUS(NH): 1245/1015/1230 mm
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

- Emergency stop button.
- Emergency back-off button.

ORDER CODES

Gzunda GZS 600 kg split tine — no hitch (international)	GZSIN(NH)
Gzunda GZS 600 kg split tine — no hitch US)	GZSUS(NH)

Gzunda GZBARI PATIENT MOVER



The Australian-made Gzunda GZBARI Bariatric Patient Mover is designed to move 800 kg (including the weight of the patient, the bed and accessories).

Featuring power steering, a twin motor drive and a spring-loaded hitch bar, the unit is easy to steer and effortless to manoeuvre.

Its twin direction control rollers also provide improved frictional ground contact for maximum manoeuvrability.

Ergonomically designed with an adjustable-height tiller handle, the control panel features push buttons with three speed, reverse and emergency/safety buttons.

Fitting neatly under your hospital bed, it requires only 100 mm of under-bed clearance. Its compact design enables easy steering through tight corridors and in-and-out of lifts.

The tine is constructed from all steel and is lead-free.

See pages 33-34 for hitch options.



Typical applications

Suitable for moving hospital beds or stretchers with bariatric patients.

Features

Load capacity	Move up to 800 kg.
Max. speed	Up to 4.5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Compact and easy to manoeuvre in tight spaces. • Power steering with dual-drive hub motors. • Intuitive controls with twist grip throttle and horn. • Requires 100 mm of under-bed clearance (can be modified to 90mm if required). • Battery operated and rechargeable. • Long lasting deep-cycle gel cell batteries. • Ergonomic design with adjustable height controls. • Fold-down controller for compact storage and lift access. • Automatic park brake to anchor beds and trolleys when staff let go. • Simple to use. • Quiet, smooth operation. • Zero emissions. • Non-marking tyres.
Hitching	<ul style="list-style-type: none"> • Simple hitching. • A variety of hitches are available.
Dimensions (L/W/H)	1861/804/1338 mm
Battery	Four 12V-33Ah rechargeable batteries with 48V smart charger.

Safety features

- Emergency stop button.
- Emergency back-off button.

ORDER CODE

Gzunda GZBARI Bariatric patient mover
800 kg (no hitch).

GZBARI(NH)

Tug Compact LINEN MOVER



Typical applications

Suitable for hospitals, linen service, casinos, hospitality, warehouses, universities.
Ideal for towing linen trolleys fitted with two swivel and two fixed castors.

Features

Tow capacity	500 kg
Max. speed	Up to 5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none">• Non-marking tyres.• Compact and easy to manoeuvre in tight corridors.• No driver's licence required.• Quiet, smooth operation.• Zero emissions.
Hitching	<ul style="list-style-type: none">• Supplied with a clamp hitch.• Wide variety of hitches available for easy attachment to trolleys.
Dimensions (L/W/H)	1351/609/891 mm
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

- Intuitive control with standard automatic safety brake, forward and reverse drive.
- Emergency stop button.
- Emergency back-off button.

The Tug Linen Mover is a Tug Compact with a custom hitch, specially designed for attaching to linen trolleys that are 500–700 mm wide.

Ideal for towing linen trolleys fitted with **two swivel and two fixed castors**.

As with all Electrodrive Tugs, this configuration will allow a user to tow up to 500 kg safely, and because it is nimble it will allow you to effortlessly manoeuvre heavy linen trolleys through tight corridors, avoiding the risk of collisions.

Using the tiller handle to tow the tug, the operator is in front of the load, increasing visibility and reducing the risk of collisions.

Powered towing can eliminate push/pull injuries caused by manually moving heavy trolleys or repetitive movements.

See pages 33-34 for hitch options.



ORDER CODE

Tug Compact linen mover 500 kg (with clamp hitch).

TUGLINENMOVER

Gzunda LINEN MOVER



The Gzunda Linen Mover is an ergonomically designed unit ideal for towing linen or laundry trolleys around hospitals or hotels.

The central tine acts as a powered fifth wheel fitting neatly under a trolley for effortless manoeuvrability.

No modifications are required to your existing fleet of trolleys, the Gzunda Linen Mover is suitable for trolleys with **four swivel castors**.

The linen mover's compact design and folding tiller handle enables use in-and-out of lifts and in tight spaces, while keeping the user in-front-of-the-load—avoiding the risk of collisions.

The versatile hitch slides up and down providing a stable centre-of-gravity—crucial for towing tall heavy trolleys.

See pages 33-34 for hitch options.



Typical applications

Suitable for towing linen trolleys around hospitals or hotels.

Features

Tow capacity	Tow up to 500 kg
Max. speed	Up to 5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Compact design. (With the tiller handle folded, the unit adds only 300 mm to the length of your trolley.) • Powered fifth wheel increases manoeuvrability. • Compact and easy to manoeuvre in tight corridors. • Middle tine design—ideal for towing linen trolleys fitted with four swivel castors. • Tiller control handle for ergonomic 'front of load' operation. • Removes the risk of push/pull injuries in linen handling. Quiet, smooth operation.
Hitching	<ul style="list-style-type: none"> • Supplied with a clamp hitch. • Wide variety of hitches available for easy attachment to trolleys.
Hitching height (from ground)	Lowest point 630 mm (minimum) to highest point 950 mm (maximum).
Dimensions (L/W/H)	1759/676/1152 mm
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

- Emergency stop button.
- Emergency back-off button.

ORDER CODE

Gzunda linen mover (with clamp hitch range 520–720 mm)	GZLINENMOVER
Gzunda linen mover (no hitch)	GZLINENMOVER(NH)

Bariatric wheelchair mover



The Bariatric Wheelchair Mover is an ergonomically designed unit which power-assists wheelchairs.

The smooth ride improves patient comfort while also reducing the risk of manual-handling injuries, strain and fatigue to patient service staff. It is ideal for workplaces who support an ageing workforce.

It is suitable for moving heavy wheelchairs, commodes and treatment chairs around hospitals (patient transportation) as well as airports (passenger transportation).

Compatible with a variety of wheelchairs, the unit is easy to hitch or unhitch with the simple push of a button.

With its compact design and easy steering, it is ideal for manoeuvring around hospitals, airports, and in-and-out of lifts.

Comprehensive 12-month warranty.
Six month warranty on battery and charger.



Typical applications

Suitable for power-assisting a fleet of wheelchairs in hospitals or airports. Also ideal for aged care or rehabilitation centres with large numbers of wheelchairs.

Features

Load capacity	Move up to 350 kg on a 6 degree gradient.
Max. speed	Up to 5 km/hour
Speed mode	Thumb throttle with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none">• Compact and easy to steer in tight spaces.• Reduces force feedback through chair for patient comfort.• Easy to steer.• Excellent turning circle.• Simple push-button hitching/unhitching.• Quiet operation and smooth ride.• Automatic park brake.• Battery operated and rechargeable.• Non-marking tyre.• Ergonomic design.• Park brake release—to enable manual operation in the event of a flat battery.
Hitching	<ul style="list-style-type: none">• Push-button—silent, fast and efficient.• Fits a variety of wheelchairs.
Hitching height	Range: 265 to 330 mm (height from ground)
Dimensions (L/W/H)	830/427/1300 mm
Battery	Two 12V-33Ah rechargeable batteries with 24V smart charger.

Safety features

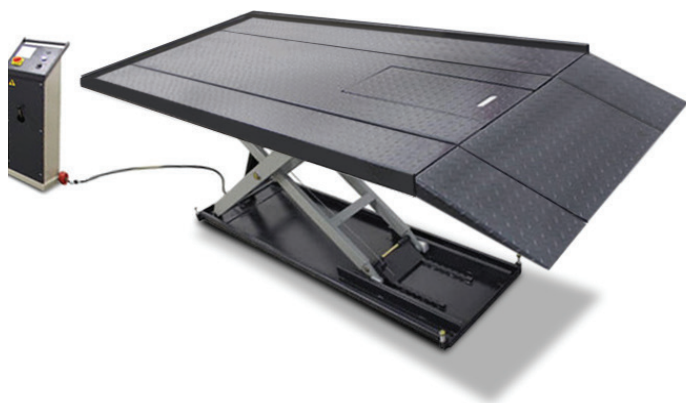
- Emergency stop button.
- Emergency back-off button.
- Automatically decelerates and stops when not driving forward.

ORDER CODE

Bariatric wheelchair mover

WHLCHAIRMOVEBARI

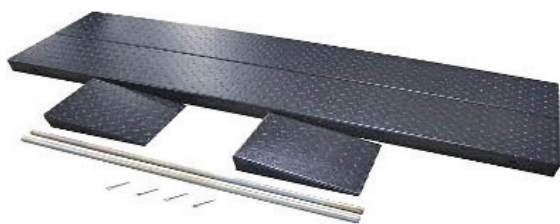
Hospital bed MAINTENANCE LIFT



The LT600HBML Hospital bed maintenance lift is designed to fit all hospital beds including bariatric beds weighing up to 600 kg.

Powered by an electric hydraulic lift, its remote control enables easy access for hospital maintenance or engineering staff to carry out servicing or maintenance repairs safely.

To prevent hospital beds from sliding off, the hospital bed maintenance lift is supplied with a 20 mm safety lip around the sides, as well as a Width Extension Kit (pictured below) for an additional 600 mm.



The Width Extension Kit.



An example of Hospital Bed Maintenance Lift with the Width Extension Kit, adding 300 mm to each side.

Please note: This is an imported product.

Typical applications

Suitable for lifting hospital beds for servicing and maintenance.

Features

Lift capacity	Up to 600 kg
Lifting time	23 seconds
Lowered height	155 mm
Raised height	1090 mm
Overall length	2755 mm
Ramp length	400 mm
Overall width	1350 mm including the 600 mm Width Extension Kit.
Deck type	Chequer plate
Usability	<ul style="list-style-type: none"> • Expandable table configuration. • Side table extensions. • Add-on front deck to accommodate custom length beds. • Electric hydraulic lift remote control. • Hydraulic direct-drive cylinders, designed and made on ANSI standard, utilising oil seal in cylinder. • Self-lubricating UHMW polyethylene sliders and bronze bush.
Shipping weight	290 kg
Motor	1.5 HP
Power	240V mains power operated

Safety features

- Anti-slip/non-skid chequer plate platform.
- Automatic safety release system.
- Safety lip (20 mm) on three sides of platform (excluding ramp end) to prevent hospital beds from falling off.

Note

The Hospital Bed Maintenance Lift is supplied partly flat-packed, some assembly required. Upon receipt of the unit, you will need to attach the hydraulic hoses and fill the reservoir with hydraulic oil (supplied with the unit) and bolt together the platform width extension. It is advisable that the unit is fastened to the floor before use. Full instructions are supplied with the unit.

ORDER CODE

Hospital bed maintenance lift

LT600HBML

P5W NON-RETRACTABLE FIFTH WHEEL

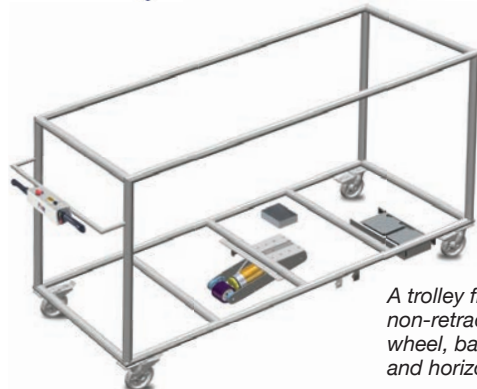


Pictured (from left to right): Hand controller (vertical); Hand controller (horizontal); Non-retractable fifth wheel (drive wheel); Slide-out battery carriage.

The Powered Fifth Wheel (P5W) is a retrofittable solution for converting your manually pushed trolleys into powered ones.

The kit consists of a powerful non-retractable drive wheel (the fifth wheel), a hand control unit (vertical or horizontal – depending on your requirements), a slide-out battery case and a charger.

Controlled with an ergonomically designed control grip for a natural walking posture, the Powered Fifth Wheel works with your trolley's other four wheels to help you move heavy loads safely and efficiently.



A trolley fitted with the non-retractable fifth wheel, battery carriage and horizontal control unit

¹ International chargers are also available. Replace "AU" at the end of the order code with "US", "EU" or "UK". For example EDCHARGER7AhUS.



Typical applications

A retrofittable solution for converting trolleys into powered ones.

Features

Load capacity	Move up to 400 kg on flat ground
Max. speed	Up to 4.5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Simple control unit (mounted vertically or horizontally – adaptable to suit 20-52 mm tube). • Quiet, smooth operation.
Dimensions (L/W/H)	• Drive wheel: 511/285/150-300 mm
Battery	Two 12V-33Ah rechargeable batteries (assembled within slide-out carriage) with 24V smart charger.

Safety features

Emergency stop button.

ORDER CODES

Retrofittable kit

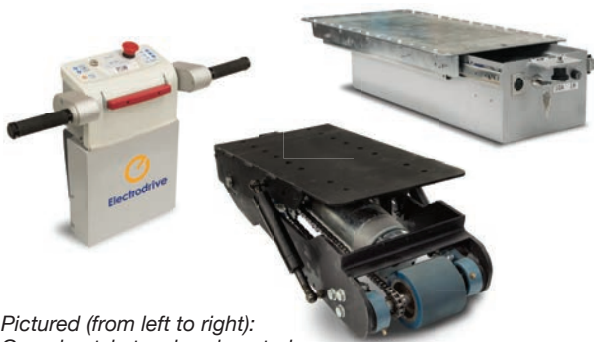
Non-retractable powered fifth wheel with simple control:

Vertically mounted	P5W400VBAU
Horizontally mounted	P5W400HBAU

Items available separately:

Control unit (vertical)	EDP5WCONTROLV
Control unit (horizontal)	EDP5WCONTROLH
Non-retractable fifth wheel in carriage	EDP5WWHEEL
Slide-out battery carriage	EDP5WBATCARRIAGE
2 x 33Ah gel batteries	EDBAT12V33AHGEL
Charger: 7Ah (AU plug)	EDCHARGER7AhAU ¹

P5W RETRACTABLE FIFTH WHEEL



Pictured (from left to right): Gzunda-style two hand control unit; Retractable fifth wheel (drive wheel); Slide-out battery carriage.

The Powered Fifth Wheel (P5W) is a retrofittable solution for converting your manually pushed trolleys or hospital beds into powered ones.

The kit consists of a powerful retractable drive wheel (the fifth wheel), a ‘Gzunda’ two-style hand control unit, a slide-out battery case and a charger.

The retractable fifth wheel provides maximum manoeuvrability and can be lifted or lowered at the simple press of a button on the hand control unit.

Controlled with an ergonomically designed control grip for a natural walking posture, the Powered Fifth Wheel works with your trolley or bed’s other four wheels to help you move heavy loads safely and efficiently.



The P5W (hand control unit and drive wheel) fitted to a hospital bed.

¹ International chargers are also available. Replace “AU” at the end of the order code with “US”, “EU” or “UK”. For example EDCHARGER7AhUS.



Typical applications

A retrofittable solution for converting hospital beds into powered ones.

Features

Load capacity	Move up to 400 kg on 6° incline
Max. speed	Up to 4.5 km/hour
Speed mode	Three speed control with forward, reverse and emergency stop.
Usability	<ul style="list-style-type: none"> • Intuitive controls with twist grip throttle and horn. • Quiet, smooth operation.
Dimensions (L/W/H)	• Drive wheel: 511/285/150-300 mm
Battery	Two 12V-33Ah rechargeable batteries (assembled within slide-out carriage) with 24V smart charger.

Safety features

Emergency stop button and back-off bar.

ORDER CODES

Retrofittable kit

Retractable powered fifth wheel with ‘Gzunda’ style two-hand control

GZP5W400HBAU

Items available separately:

Control unit

EDGZP5WCONTROL

Retractable fifth wheel in carriage

EDGZP5WWHEEL

Slide-out battery carriage

EDP5WBATCARRIAGE

2 x 33Ah gel batteries

EDBAT12V33AHGEL

Charger: 7Ah (AU plug)

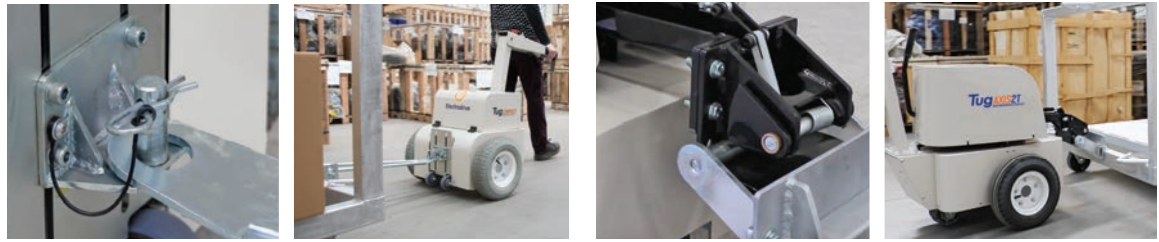
EDCHARGER7AhAU¹

Hitching FOR ELECTRODRIVE TUGS

Common hitches for the Electrodrive powered tug range

If you are looking for a custom hitch, we can design one for almost any application.

For more information, contact our experts on 1300 934 471 (within Australia) or +61 3 9300 8555 (international) or email sales@fallshaw.com.au.



HITCH	Pin hitch	Auto-latching hitch
DESCRIPTION	<p>Typically used on trolleys with tow bars such as meal trolleys and stock trolleys, the pin hitch can also be mounted upside-down to suit spring-loaded drawbars that push upwards. These are becoming more common in workplaces, as no bending is required.</p>	<p>To use the auto-latching hitch, a trolley with a 25 mm diameter tow bar is needed. Electrodrive can provide a tug hitch bar (EDHT1010) which can be welded or bolted to your trolley if required (pictured). The auto-latching hitch enables limited vertical movement. Horizontal movement is provided by the Tug Axis's rotating turret. The hitch is set at 320 mm from the ground.</p>
TUG COMPATIBILITY	<p>For use on:</p> <ul style="list-style-type: none"> • Compact Tug (16mm and 19mm). • Tug Rise 1T (19mm only). • Tug Axis 1T and 2T (16mm and 19mm). • Tug Axis 4T and 5T (19mm only). • Tug Tough 10T (32mm and 50mm). <p>When fitted to the Tug Compact and Tug Tough, the pin hitch enables vertical and horizontal movement. <i>Note: When fitted to the Tug Axis, the turret must be locked to disable pivoting, otherwise uncontrolled movement will occur.</i></p>	<p>For use on:</p> <ul style="list-style-type: none"> • Tug Rise 1T. • Tug Axis range (1T, 2T, 4T and 5T models).
APPLICATIONS	Meal trolleys for hospitals, roll cages for supermarkets.	Industrial, heavier-duty trolleys with loads of 1-2 tonne.
ORDER CODES	<ul style="list-style-type: none"> • EDHT1810-002 (16 mm diameter). • EDHT1810-043 (19 mm diameter). • EDHT1810-052 (29 mm diameter) standard for 660/1100L bins. • EDHT1313 (16 mm diameter). • EDHT1316 (19 mm diameter). • EDHT10TPIN (32 mm diameter). • EDHT10TPIN50 (50 mm diameter). 	EDHT1810-024

Hitching FOR ELECTRODRIVE TUGS



HITCH

Hydraulic arm lift kit

Clamp hitch

DESCRIPTION

This hitch is used for moving trailers, caravans or boats which have a 50 mm tow ball coupling. The hitch arm is operated by hydraulic system running at high pressure, via a self-centering toggle switch situated near the handle. The pinch points surrounding the arm movement and must be avoided at all times during the operation of the hydraulic system.

Clamp hitches grab the trolley frame from the outside between two hooks. Commonly seen on linen trolleys in hospitals, hotels and linen companies. Each clamp hitch must be supplied with EDHT1810-006 (self-centering hitch) for the Tug Compact or EDHT1810-035 (optional skate hitch).

TUG COMPATIBILITY

For use on: Tug Axis 4T and 5T models.

- EDHTCLAMP001 is suitable for use on Tug Compact.
- EDHTCLAMP002 is suitable for the Tug Axis 1/2T.

APPLICATIONS

Single-axle trailers or caravans fitted with a standard 50 mm tow ball coupling and a jockey wheel to safely lower the load over the tow ball.

Suitable for trolleys with no existing hitch point to connect to, such as linen trolleys, roll cages & trolleys with wire mesh sides. (Suited to a 25 mm frame and for trolleys with a width from 520 mm to 720 mm.

ORDER CODE

EDHYDARMLIFTKIT

EDHTCLAMP001 (General duty)
EDHTCLAMP002 (Heavy duty)



HITCH

Groove hitch

Tow ball A-frame hitch

DESCRIPTION

Groove hitches are designed for plastic tub trolleys with slotted handles or metal linen trolleys. EDHTGROOVE0484 hitch is our new swivel mechanism which locks the tubs from inside the handle grooves. These hitches are normally used on plastic linen trolleys which don't have an exposed or open frame to grab onto from the outside.

The tow ball hitch is most commonly used for the movement of trailers, caravans or boats. The tow ball position can be adjusted manually to suit a height of 500 or 600 mm from ground.

TUG COMPATIBILITY

For use on: Tug Axis 1T and 2T models.

For use on: Tug Axis range (1T, 2T, 4T and 5T models).

APPLICATIONS

Rotomoulded linen trolleys with slotted handles.

Single-axle trailers or caravans fitted with a standard 50 mm tow ball coupling and a jockey wheel to safely lower the load over the tow ball.

ORDER CODE

EDHTGROOVE0484

EDHT1810-023

Hitching FOR ELECTRODRIVE TUGS



HITCH

660 & 1100 litre bin hitches

DESCRIPTION

Our universal hitching brackets fit underneath 660 litre or 1100 litre bins (between the castor plates and bin) to maximise strength and enable towing of multiple bins at once. The hitching brackets are suitable for ramps up to 14 degrees. The tow pins are secured by R-pins.
Note: Must be used with 29 mm pin hitch (EDHT1810-052).

TUG COMPATIBILITY

For use on:
Tug Rise and the Tug Axis range.

APPLICATIONS

Directional lock tabs for steering (order code LMDLSULO) for trolleys with 4 swivel castors—retrofitted on 2 x rear-mounted swivel castors to stop bins swaying side-to-side.

ORDER CODE

EDUNIBH6611F (Front hitching bracket)
EDUNIBH6611R (Rear hitching bracket)

Warning: Never tow with four swivel castors. Towing bins with four swivel castors will cause problems with trailing and 'fishtailing'—cutting corners, rather than following the unit.
For safety purposes, directional lock tabs are fitted to your bin's existing rear swivel castors to enable controlled steering and towing in a straight line.



HITCH

Double wheelie bin hitch

DESCRIPTION

Move up to two wheelie bins at the same time using this hitch.
To hitch or unhitch the bins, simply lift the handle. The height of the hitching point can be manually adjusted with two wing knobs located on the side of the vertical frame.

TUG COMPATIBILITY

For use on:
Tug Compact and the Tug Axis range.

APPLICATIONS

Moving moulded wheelie bins ranging from 80 to 240 litres with adjustable height and width.

ORDER CODE

EDTWINBINHITCH








Tug accessories & options

ACCESSORIES	SUITABILITY	ORDER CODES
Amber strobe, 24V	Tug range	EDEL1000F
Amber beacon, 24V	Tug range	EDEL1000
Amber beacon, mounted on pole	Tug range	EDEL1000U-2
Audible beeper	Tug range	EDEL1080F
Spare key	Tug range	EDEL2710
Throttle lever guard	Tug range	EDGM2171F
Weather-resistance from above (IPX2) includes tiller component upgrade and splashguard fitted	Tug range	EDEL3970
Weather/dust-proofing (IP54) Includes electrical enclosure and tiller components upgrade	Tug range	EDEL3971
BATTERIES		
Battery pack, 2 x 44Ah lift-out	Tug Axis range	EDBA1050
Battery upgrade, for extended run time	Tug Axis 1T/2T	EDBA1020
TYRES		
Non-marking grey tyre upgrade (size: 410/350-6)	Tug range	EDWH1400F
Puncture-proof tyres (poly-filled, size: 410 x 350-6)	Tug range	EDWH1410F
Puncture-proof tyres (poly-filled, grey non-marking, size: 410 x 350-6)	Tug Compact	EDWH1420
Puncture-proof tyres (poly-filled, size: 13/5 x 6)	Tug Axis 1T/2T tonne	EDWH1290F
Puncture-proof tyres (poly-filled, grey non-marking, size: 13.5 x 5.5-8)	Tug Axis 4T/5T tonne	SIE0187

Hitches GZUNDA HITCHING OPTIONS

Common hitch bars

Suitable for Gzunda bed movers and the linen movers.

HITCH	SUITABILITY	APPLICATIONS	SIZE	ORDER CODE
Flex hitch kit with hitch bar 	Gzunda patient movers.	Hospital beds, stretchers, treatment chairs and low-lying trolleys/gurneys.	780 mm length	EDHTFLEX001
Ratchet hitch kit with hitch bar 	Gzunda patient movers.	Hospital beds, stretchers, treatment chairs and low-lying trolleys/gurneys.	780 mm length	EDHTRATCH001
Manual gripper hitch kit with hitch bar. 	Gzunda bariatric patient mover only.	Hospital beds, stretchers, treatment chairs and low-lying trolleys/gurneys.	780 mm length	EDHTMANGRIP001
Manual gripper hitch kit with hitch bar. 	Gzunda patient movers (excluding bariatric).	Hospital beds, stretchers, treatment chairs and low-lying trolleys/gurneys.	780 mm length	EDHTMANGRIP002
Automatic gripper hitch kit with hitch bar. 	Gzunda patient movers (suits 20-40 mm bed frames).	Hospital beds, stretchers, treatment chairs and low-lying trolleys/gurneys. It has manual adjustment to suit any bed frame.	780 mm length	EDHTAUTOGRIP001
Groove hitch kit 	Gzunda linen mover	Moulded plastic laundry trolleys with a width of 700-720 mm. It has manual height adjustment to suit any handle height/handle slots.	650 mm (overall length of bar). Hitch range: 295-650 mm (horizontal) and 95 mm (vertical).	EDHTGROOVE001*
Clamp hitch kit (general duty). 	Tug Compact linen mover.	Metal framed trolleys, caged linen trolleys, surgical instrument Rapini trolleys and tall stock trolleys.	520-720 mm length	EDHTCLAMP001

* EDHTGROOVE001: The whole hitch bar can be manually raised up and down to suit different handle slots. The 95 mm vertical hitch range relates to the range of movement inside the hitch point to allow it to securely hold on to the trolley.

Hitches GZUNDA HITCHING OPTIONS

Retrofittable hitch kits

Suitable for the common hitch bars (to enable multiple hitch styles on your bed mover or linen mover).



HITCH UNIT KIT	Flex	Ratchet	Automatic gripper
ORDER CODE	EDHTFLEX001-001	EDHTRATCH001-001	EDHTGRIPP001-001



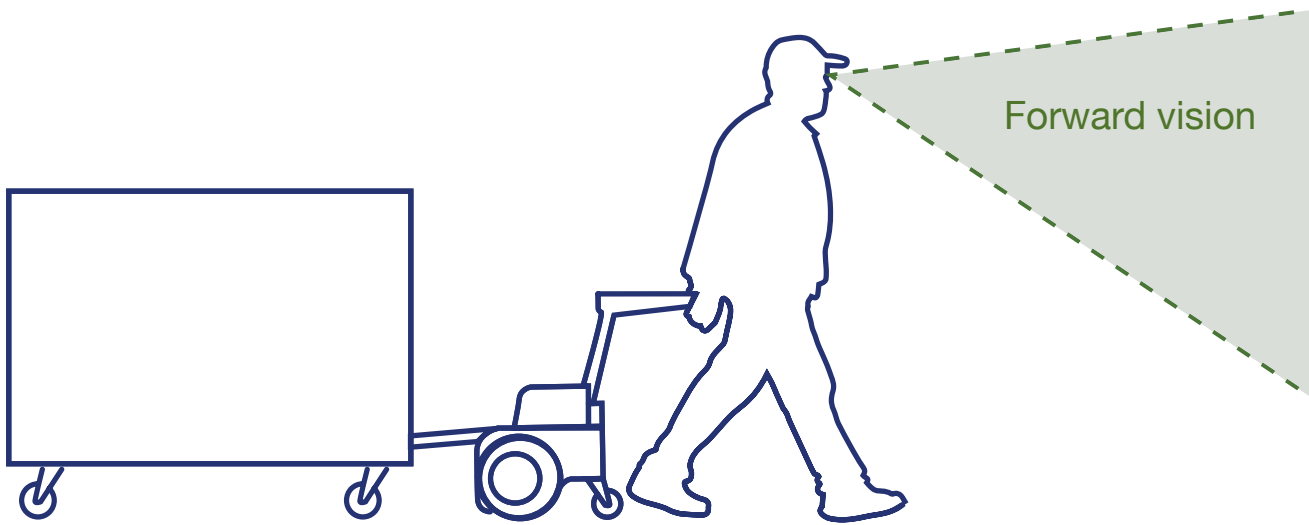
HITCH UNIT KIT	Manual gripper	Manual gripper
ORDER CODE	EDHTMANGRIPPER-001	EDHTMANGRIP-002

Hitch extensions



HITCH UNIT KIT	60 mm hitch extension suits GZ10SL and GZS.	120 mm hitch extension suits GZ10SL and GZS.
ORDER CODE	EDHTHITCHEXT60	EDHTHITCHEXT120

Stay in front of the load



Towing heavy loads

It is widely accepted that the best way to move a heavy load is by putting it in on wheels. What isn't commonly known is that the safest way of moving a heavy wheeled load, is by towing it with a battery powered tug.

While there are a wide variety of powered tugs on the market to choose from, only Electrodrive tugs are ergonomically designed to keep the operator in front of the load.

Maximise forward visibility

Being in front of the load provides maximum forward vision, reducing the risk of collisions with other people, equipment and structures. An Electrodrive tug features a unique tiller design that helps the operator maintain correct walking posture and reduces the risk of strains to shoulders, arms and wrists from repetitive use.

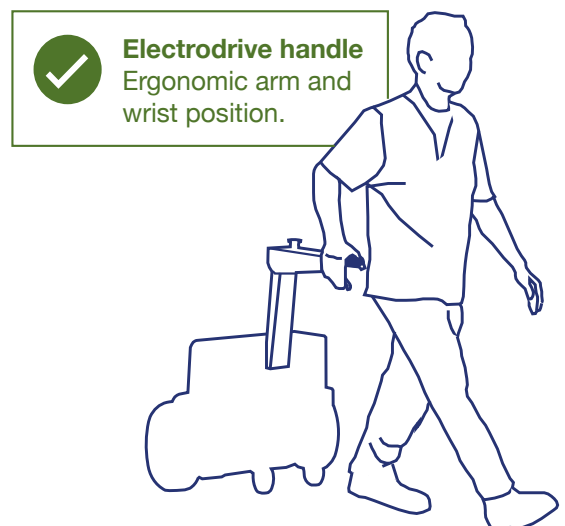
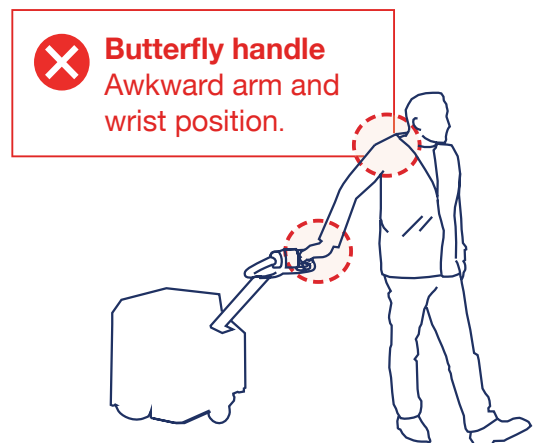
Not all electric tugs are created equal

While it is possible to stay in front of the load with other powered tugs, their butterfly shaped controllers are primarily designed for the operator to grip the handle with both hands and push the load.

If used for towing, the butterfly handle design puts the operator's shoulders, arm and wrist at a very awkward angle. Travelling over any distance in this position is not ergonomic for the operator and could increase the risk of shoulder, arm or wrist strains.

An ergonomic natural walking position

By contrast, the tiller handle drive system on Electrodrive tugs seamlessly interact with how the human body moves while walking, keeping the operator in a comfortable position.



Service and maintenance

To keep your Electrodrive equipment performing at its optimum efficiency, we recommend that it is regularly serviced by a qualified service agent. This will ensure that you get the most out of your investment and that none of the work that is carried out will void applicable warranties.

Authorised service agent

Our authorised service agent is Serviced Equipment, a leading provider of preventative maintenance and breakdown repair services for the health and industrial sectors.

Serviced Equipment technicians are specially trained to diagnose and repair mobile materials handling equipment using original components without voiding your warranty.

The technicians are fast and reliable and can often get to you same day or next day to get your Electrodrive equipment back up and running ASAP.

If location, time commitments or complexity make this impractical, then loan equipment can be sent to you to use while your unit is returned to base for repairs.

We maintain a complete service history on your behalf. The service history will support the resale value of your asset. Our fixed price service packages are designed to give you the cover you need and give you peace of mind, not surprises.



Phone: 1300 934 471 (within Australia)
(Mon-Fri: 7.00 am to 5.00 pm)

Email: service@fallshaw.com.au

Web: www.servicedequipment.com.au

Preventative maintenance service plans

BRONZE SERVICE

Bronze service

All materials handling equipment sold in this brochure come with our standard Bronze service package. The service intervals are specified by us and our Field Service Technician will provide the due dates for the next service using a sticker on the instrument panel.

- Six monthly call cycle.
- Online booking service.

This is a 'pay as you go' package and does not include the security of a fixed price service package. Upgrading your Bronze service will reduce service costs over the longer term and avoid downtime from a preventable breakdown.

SILVER SERVICE

Silver service

This is the minimum recommended level of service cover if you have one or more units in the field.

It includes the Bronze level service plus:

- Two scheduled services.
- Basic spare parts included—handgrips, levers, cables, springs.

GOLD SERVICE

Gold service

This is the recommended level of service cover if you have one or more units in the field.

It includes the Silver level service plus:

- Major spare parts included—gearbox, motor, chain (if applicable), switches, electronics, wheels, castors.

Warranty

Our products are warranted against defects in materials or workmanship for the following periods:

Fallshaw general castors

- 3 years

Fallshaw decorative castors

- 3 years

Fallshaw medical castors and wheels

- Trinity series (including Trinity Electronic Braking Castors)—3 years
- Central locking castors—3 years
- Conductive wheels—3 years
- Wheelchair castors—3 years

Fallshaw specialised castors

- M Stainless steel—3 years
- O Stainless steel—3 years
- M Powder-coat—12 months
- High/Low temperature—12 months
- Self-aligning—3 years
- Supermarket trolley and travelator castors—12 months

Fallshaw wheels

- Soft—3 years
- Polyurethane—3 years
- Hard—3 years
- Pneumatics and puncture-proof—12 months

Fittings and spares

- Fittings—3 years
- Spares for pneumatics and general wheels—12 months
- General spares—3 years

Electrodrive powered mobility equipment

- Unit—12 months
- Battery—6 months

Liftmaster waste handling solutions

- Unit—12 months
- Battery—6 months

Castors & Industrial materials handling equipment

- Unit—12 months
- Battery—6 months

Serviced Equipment repairs, maintenance & fitting

- Parts excluding batteries—12 months
- Battery—6 months
- Repairs—6 months

Any product that fails within the warranty period will be replaced with an equivalent product, delivered to the customer's store free of charge and freight cost. The warranty does not extend to the fitting of the product. The website, catalogue and operating manuals specify the conditions of use, installation and maintenance for our products. Customers should choose, use and maintain our product according to our recommendations, or they may become unsafe or product life could be compromised, and our liability may be voided.

This warranty excludes the effects of fair wear and tear, abuse, misuse, improper installation and inadequate maintenance. In unusual or severe applications not clearly similar to those on the website or in the catalogue, the customer is invited to submit a written description of the application against which we will make a recommendation, and which will form a part of the acceptable use conditions of the recommended product. If our catalogue is unclear, or if your application is not clearly covered by the examples given in the catalogue, we ask you to contact our staff for advice. We want to help, and we have the technical information to share if we know your needs.



Fallshaw GROUP

MOBILITY SOLUTIONS TO HELP YOU PUSH, PULL & LIFT WITH EASE

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