

Tail Lifts



Product Range

The partnership between Gough Transport Solutions and popular brand MBB Palfinger offers a comprehensive range of high-performance tail lifts to the Australian market. MBB Palfinger delivers a product that is synonymous with the outstanding quality of the Palfinger name along with decades of experience in tail lift development and market leadership.



Features and Benefits.....3

500 minifix.....6

750M.....8

1000K.....10

1500K.....12

2000K.....14

2500 / 3000K.....16

Options.....18

Features and Benefits

Manufactured in-house

The hydraulic cylinder is one of the most important parts of a tail lift. That's why we only trust one supplier - **ourselves!** We manufacture around 65,000 cylinders per annum to meet demand.



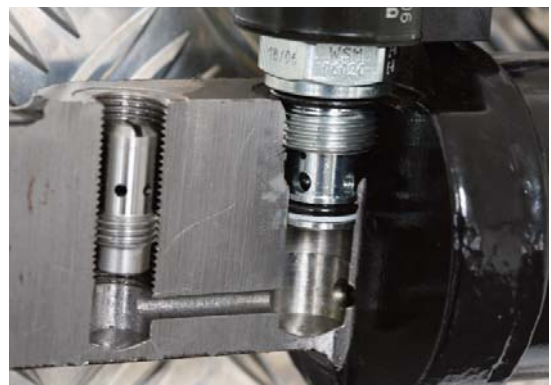
Powerful, reliable ...

Power opening and power closure using dual-acting hydraulic cylinders. Therefore not relying on spring force or gravity alone – so the platform opens and shuts easily even on the steepest of inclines.



... and safe!

Every cylinder is fitted with flow control valves which safely control the descent of a fully loaded platform, even in the event of a burst hose in the hydraulic circuit.



Easy to maintain

The powerpack is housed in the main beam, out of harms way, and is easily pulled out for inspection and maintenance. In addition, noise from the hydraulic pump is greatly reduced when the lift is being used in residential areas or at night



Features and Benefits



A good greasing ...

Our chromium-free pivot pins are solid and not weakened by lubrication holes. 12 grease nipples for the bearings are located on the exterior of the cylinder ends to ensure direct delivery of grease to the bearings.



... for smooth operation!

A series of evenly-distributed lubrication holes guarantee an even application of grease.



Controls for all applications



We offer a range of tail lift controls to suit your individual requirements. We've two-handed external controls, internally mounted controls, pendant controls, platform-mounted foot controls and wireless remote controls.

External controls, pendant controls and platform-mounted foot controls are standard inclusions with all lifts.

24-hour operation

The ergonomic control box has translucent instructions lit by an interior light making it possible to operate the lift safely 24/7 – even in the dark!



For your safety: LED warning lights

Using the latest LED technology (EN 1756-1) our platform-mounted flashing warning lights operate when the lift is being used, ensuring the lift is fully visible at all times from the rear and from the side, providing additional safety.

Features and Benefits

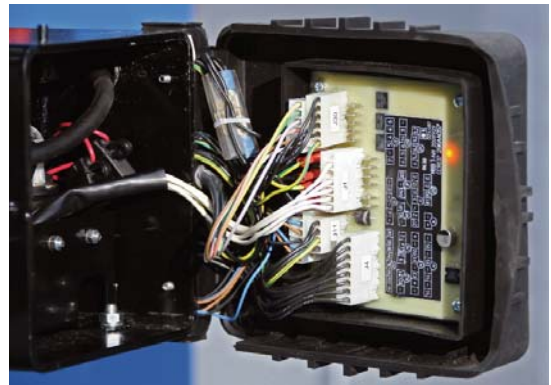
Keeping your load safe

Our platform roll stops are simple to operate, robust and reliable, protecting your load whilst travelling on the platform. And what's more - they can be retrofitted! (except for AluLite 750 kg)



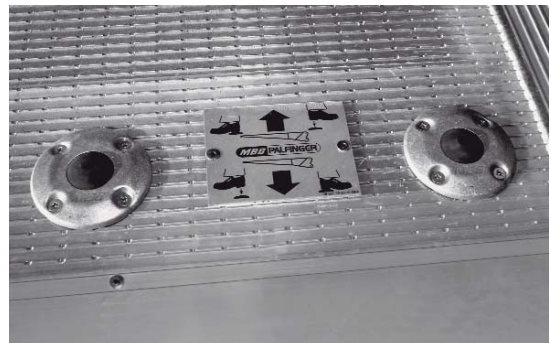
K-plus: Speedy diagnostic fault finding

Fully electronic with sensor control and electronic memory functions. In the event of lift or component failure, the diagnostic software enables the service engineer to rapidly identify the problem reducing lift downtime and repair costs.



'Intelligent' foot controls

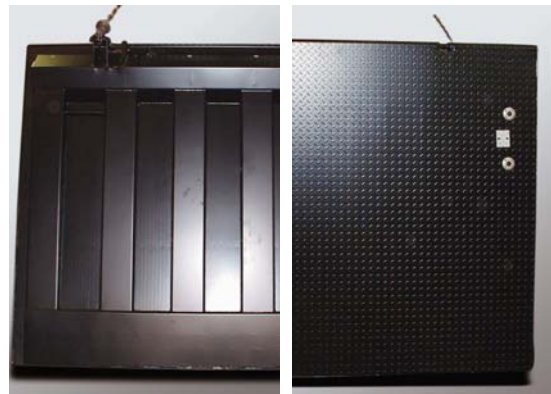
Our 'Intelligent' foot controls are able to distinguish between contact with the operator's foot and the load! Should goods be resting on the foot controls the lift remains static.



Robust, KTL protected steel mechanisms & platforms

Nobody wants a product prone to rust and corrosion – and neither do we! That's why we coat our steel mechanisms and platforms with KTL protection as standard. The protective layer minimises the consequences of stone-chip damage and prevents rust spreading. Our KTL coating has been subjected to a salt-spray test:

1000 hours in compliance with EN ISO 12 944-2 C5M



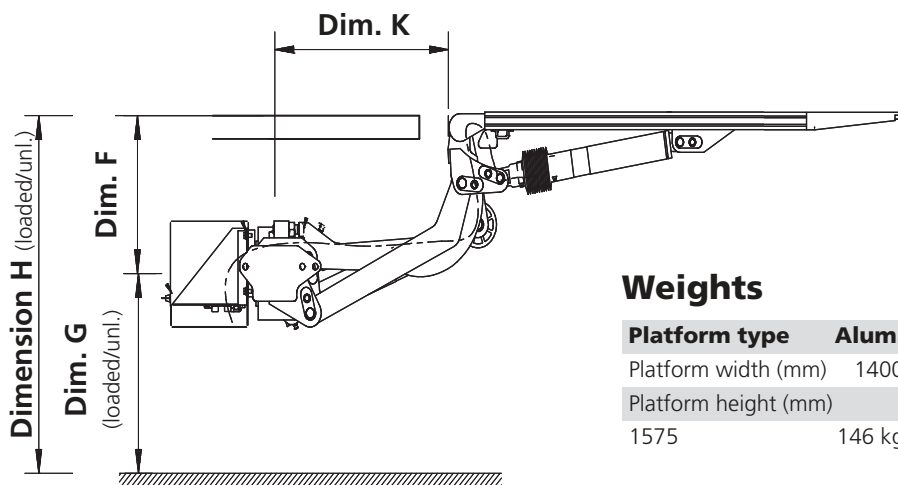
500 minifix



The 500 minifix has been specifically designed for factory built panel vans and fits virtually all models. It is probably the lightest model on the market weighing only 156kg yet lifting a full 500 kg. The lift features one open and close tilting cylinder. This special arrangement of the cylinders permits a very shallow installation. Delivered pre-wired with individual van-specific mounting brackets to permit easy fitting, without any body modifications required. The lifting device is prepared in factory for optional assembly of a removable ball-head coupling. An 800 mm half-width platform is also available, giving free access to the rear door.

the perfect solution for vans

500 minifix



Weights

Platform type	Alum.
Platform width (mm)	1400
Platform height (mm)	1575
	146 kg

Dimensions

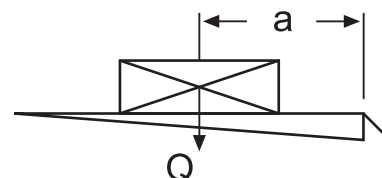
		500 minifix
Lift arms (in mm)		500
H (max.)	Loading height unloaded	780
H (min.)	Loading height loaded	450
F (max.)	Middle of main beam to upper edge of loading floor	340
K (min.)	At dimension F (max.)	546
D (min.)	Installation space (min.)	729
F (min.)		-
K (max.)	At dimension F (min.)	-
D (max.)	Installation space (max.)	-

Technical data

Lifting capacity	500 kg
Main beam	110 x 110 mm
Lifting gear hydraulics	1 x lift cylinder / 1 x tilt cylinder
Platform overlap with floor	-
Lift arm pitch	600 mm
Load centre - lengthwise	600 mm
Load centre - across center	50 % of the full load on one side
Inclination angle of the platform	+90° to -10°

Diagram

a (mm)	Q (kg)
600	500
700	430
820	360
1120	260



Disclaimer: The specified weights refer to the lightest platforms of the corresponding height. Dimensions may vary. Specifications subject to change without notice.

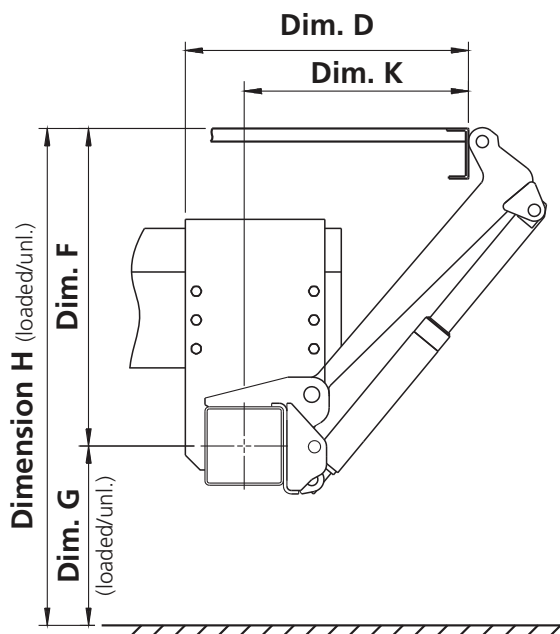
750 M



The newly developed 750 M range of lifts is specially designed for small vehicles up to 7.5 tonnes gww. The lift features a strong, lightweight platform and a robust 4-cylinder lift mechanism with an overall lift weight of only 200 kg (1200 mm platform height). A choice of models to fit various chassis widths to meet customer requirements. The standard lift has a single-piece underrun bumper. Optionally, a three-piece screwable underrun bumper is available, which can also be supplied with a removable ball-head coupling. Dedicated mounting brackets enable quick installation to virtually all U-profile or omega-profile chassis.

Lightweight four cylinder cantilever

750 M



Weights

Platform type	Alum.
Platform width (mm)	2100
Platform height (mm)	1550
	213 kg*

*) 11 kg additional weight with three-part underrun bumper

Dimensions

		750 M
Lift arms (in mm)		550
H (max.)	Loading height unloaded	960
H (min.)	Loading height loaded	700
F (max.)	Middle of main beam to upper edge of loading floor	510
K (min.)	At dimension F (max.)	452
D (min.)	Installation space (min.)	543
F (min.)		370
K (max.)	At dimension F (min.)	555
D (max.)	Installation space (max.)	646

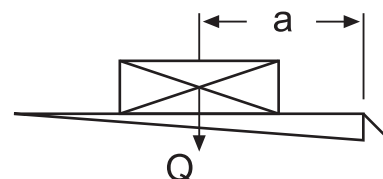
Technical data

		750 M
Lifting capacity		750 kg
Main beam		120 x 80 x 5 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 44 mm
Lift arm pitch		1240 mm
Load centre - lengthwise		600 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

Diagram

750 M

a (mm)	Q (kg)
600	750
700	650
820	550
1120	400



Disclaimer: The specified weights refer to the lightest platforms of the corresponding height. Dimensions may vary. Specifications subject to change without notice.

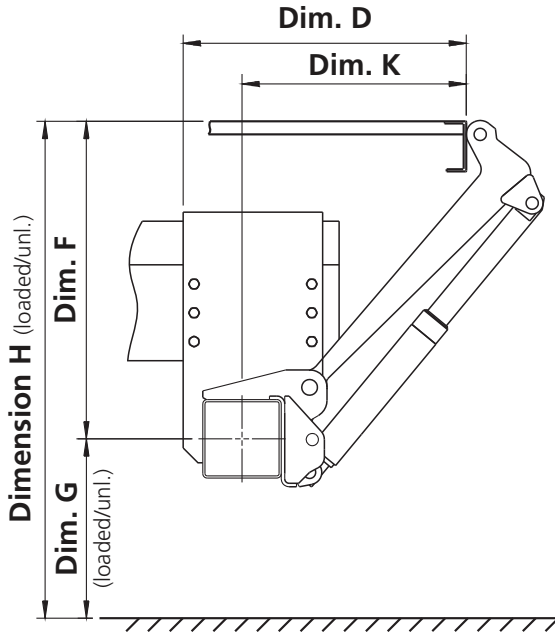
1000 K



The 1000 K is the traditional cantilever with a payload of 1000 kg (with a 700 mm load centre) designed for heavy duty use. It is extremely robust and dependable for day-to-day use. In short, it's performance rating couldn't be better. Available with both steel and aluminium platforms, it features 4-cylinder technology and is suitable for a wide range of floor heights and ideal for larger vehicles.

Our top-selling tail lift

1000 K



Weights

Platform type	Alum.
Platform width (mm)	2450
Platform height (mm)	2050
	401 kg

Dimensions

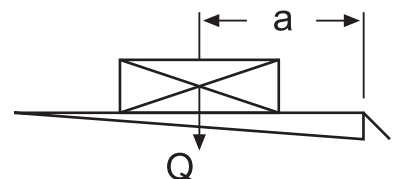
		1000 K
Lift arms (in mm)		700
H (max.)	Loading height unloaded	1256
H (min.)	Loading height loaded	906
F (max.)	Middle of main beam to upper edge of loading floor	728
K (min.)	At dimension F (max.)	515
D (min.)	Installation space (min.)	665
F (min.)		529
K (max.)	At dimension F (min.)	710
D (max.)	Installation space (max.)	860

Technical data

		1000 K
Lifting capacity		1000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 57 mm
Lift arm pitch		1310 mm
Load centre - lengthwise		700 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

Diagram

a (mm)	Q (kg)
700	1000
875	800
1150	600
1700	400



Disclaimer: The specified weights refer to the lightest platforms of the corresponding height. Dimensions may vary. Specifications subject to change without notice.

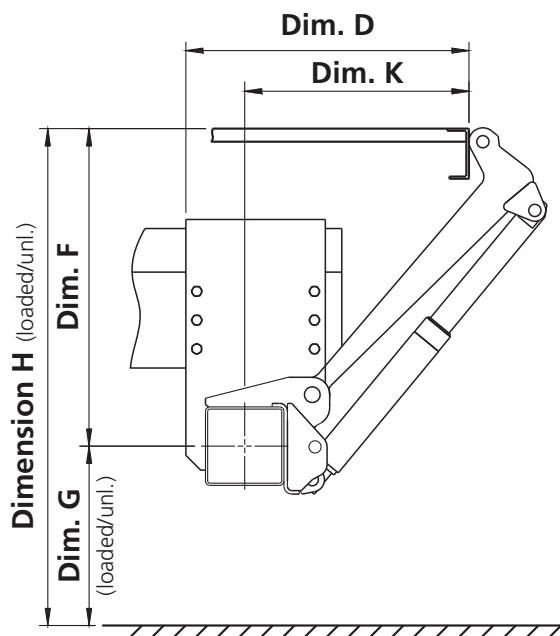
1500 K



Probably the most reliable, heavy duty lift on the market with a lifting centre of 1000 mm. Suitable for a wide range of applications and fits most vehicle bodies and trailers. The 4-cylinder lift mechanism is available with 5 different lift arms, ranging from 700 mm to 1100 mm. Both steel and aluminium platforms are 'made to measure' available up to a maximum depth of 2800 mm.

Robust, dependable and efficient

1500 K



Weights

Platform type	Alum.
Platform width (mm)	2450
Platform height (mm)	2200
	548 kg

Dimensions

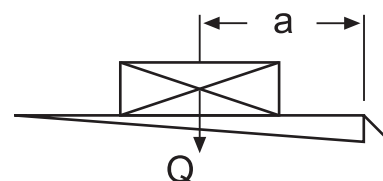
		1500 K
Lift arms (in mm)		700
H (max.)	Loading height unloaded	1200
H (min.)	Loading height loaded	883
F (max.)	Middle of main beam to upper edge of loading floor	650
K (min.)	At dimension F (max.)	618
D (min.)	Installation space (min.)	768
F (min.)		508
K (max.)	At dimension F (min.)	726
D (max.)	Installation space (max.)	87

Technical data

		1500 K
Lifting capacity		1500 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 63 mm
Lift arm pitch		1300 mm
Load centre - lengthwise		1000 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

Diagram

a (mm)	Q (kg)
1000	1500
1200	1250
1500	1000
1850	800
2400	600



Disclaimer: The specified weights refer to the lightest platforms of the corresponding height. Dimensions may vary. Specifications subject to change without notice.

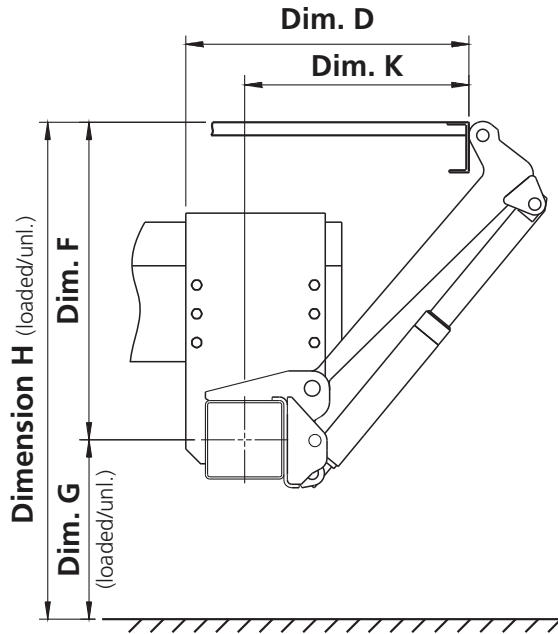
2000 K



Lifting a full 2000 kg, the 2000 K offers a choice of steel or aluminium platforms, up to a maximum depth of 2800 mm and is frequently chosen for use by the food and drink distribution industry. The 4-cylinder lift mechanism is available with four different lift arms, ranging from 700 mm to 1100 mm.

Ideal for heavier loads

2000 K



Weights

Platform type	Alum.
Platform width (mm)	2450
Platform height (mm)	
2200	552 kg
2300	559 kg
2400	569 kg
2600	585 kg

Platform type	Steel
Platform width (mm)	2450
Platform height (mm)	
2209	718 kg
2309	731 kg
2409	745 kg
2609	771 kg

Dimensions

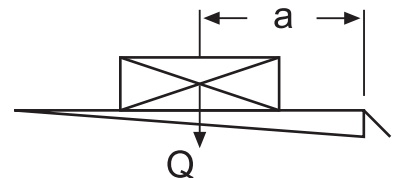
		2000 K
Lift arms (in mm)		800
H (max.)	Loading height unloaded	1345
H (min.)	Loading height loaded	941
F (max.)	Middle of main beam to upper edge of loading floor	785
K (min.)	At dimension F (max.)	641
D (min.)	Installation space (min.)	791
F (min.)		566
K (max.)	At dimension F (min.)	820
D (max.)	Installation space (max.)	970

Technical data

		2000 K
Lifting capacity		2000 kg
Main beam		180 x 180 mm
Lifting gear hydraulics		2 x lift cylinder / 2 x tilt cylinder
Platform overlap with floor		- 63 mm
Lift arm pitch		1300 mm
Load centre - lengthwise		1000 mm
Load centre - across center		50 % of the full load on one side
Inclination angle of the platform		+90° to -10°

Diagram

a (mm)	Q (kg)
1000	2000
1250	1600
1600	1250
1900	1050
2200	910



Disclaimer: The specified weights refer to the lightest platforms of the corresponding height. Dimensions may vary. Specifications subject to change without notice.

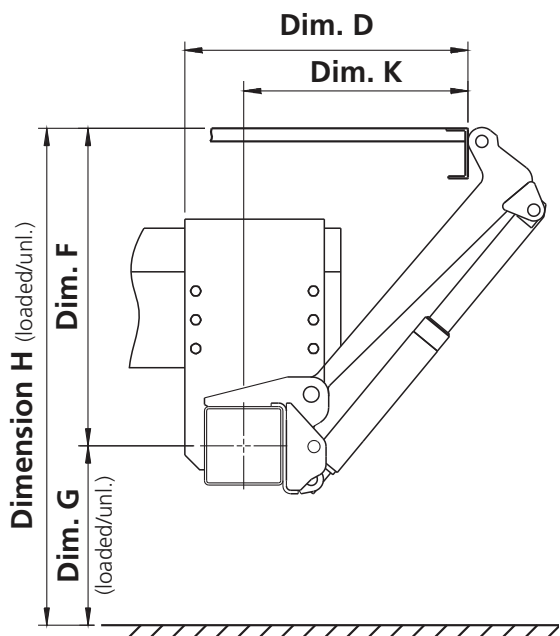
2500 / 3000 K



The 2500 / 3000 K lifts have been cleverly designed to provide exceptionally stable four-cylinder lifts capable of lifting goods up to 3000 kg, making them ideal for the transportation of motor vehicles and computerised products. Available with either steel or aluminium platforms with a load centre of 1000 or 1200 mm. Optional hydraulic stabiliser jacks provide additional load stability. A powerful, low-noise power pack in the square main beam reduces noise during loading or unloading to a minimum.

The most powerful lift in the range

2500 / 3000 K



Weights

Platform type	Alum.
Platform width (mm)	2450
Platform height (mm)	
2200	737 kg
2400	780 kg

Platform type	Steel
Platform width (mm)	2450
Platform height (mm)	
2209	969 kg
2309	985 kg
2409	1001 kg

Dimensions

2500 / 3000 K		
Lift arms (in mm)		900
H (max.)	Loading height unloaded	1554
H (min.)	Loading height loaded	1030
F (max.)	Middle of main beam to upper edge of loading floor	924
K (min.)	At dimension F (max.)	654
D (min.)	Installation space (min.)	809
F (min.)		645
K (max.)	At dimension F (min.)	901
D (max.)	Installation space (max.)	1056

Diagram

2500 K

a (mm)	Q (kg)
1200	2500
1400	2100
1600	1875
1800	1650
2400	1250

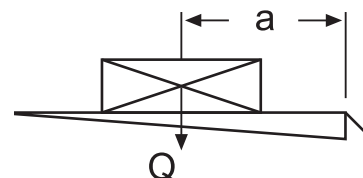
3000 K

a (mm)	Q (kg)
1000	3000
1200	2500
1500	2000
1800	1650
2400	1250

Technical data

	2500 K	3000 K
Lifting capacity	2500 kg	3000 kg
Main beam	180 x 180 mm	180 x 180 mm
Lifting gear hydraulics	2 x lift cylinder / 2 x tilt cylinder	
Platform overlap with floor	- 72 mm	- 72 mm
Lift arm pitch	1300 mm	1300 mm
Load centre - lengthwise	1200 mm	1000 mm
Load centre - across center	50 % of the full load on one side	
Inclination angle of the platform	+90° to -10°	+90° to -10°

Disclaimer: The specified weights refer to the lightest platforms of the corresponding height. Dimensions may vary. Specifications subject to change without notice.



Options



Restart battery protectors prevent battery failures

Smart restart battery protectors help save money!

Restart battery protectors are useful accessories enhancing the delivery program of MBB PALFINGER tail lifts. The patented system can be retrofitted at any time and easily connects to the control board. Fitting a restart protector in the powerpack avoids a flat battery due to heavy use of the tail lift. The system cuts out early enough to ensure that there is sufficient power remaining to restart the engine and then recharge the battery. You can resume your journey without anybody's help, without spare batteries and – what is more – without additional costs.

Your advantages

- Audible warning protects against flat battery
- Reduced life cycle costs due to low battery wear
- For K-plus, K1-plus and K-basic controls
- Can be retrofitted at any time
- Available for 12 V and 24 V systems



Wireless control

For maximum operator flexibility choose the user-friendly and ergonomic radio remote control. The shock-proof and compact transmitter can be used in conjunction with existing fixed controls.



Advertising panel for steel platforms

This popular fleet option provides a clear and flat surface on the back of the platform for branding and promotional messages.

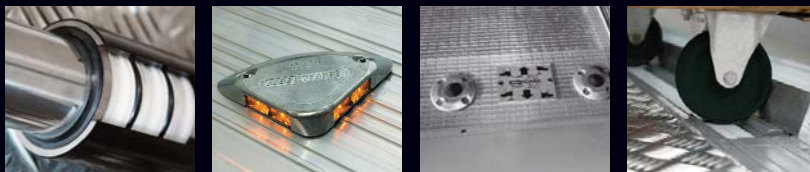


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