

VanLift / BusLift



Bär Cargolift – Lifting Performance.

**BÄR**  
Cargolift®

# Bär VanLift / Bär BusLift

## The right lift for every van requirement



### Bär VanLift FreeAccess

**The original: Maximum flexibility for your van**

Loading heavy pallets, but only removing single packages without a lift? Or loading trolleys, but only delivering single trays? Preferably without losing any time? In weight-sensitive vehicle classes, these requirements are not uncommon. Bär Cargolift has the solution:

#### FreeAccess.

- In the driving position, the folded platform allows free access to the right rear door.
- If necessary, sufficient space and load capacity exists for one pallet with a forklift, or for up to four trolleys.
- The trick: When unfolding, the belt hinge facilitates the ideal interlocking of folding and fixed parts. Once unfolded, the force distribution of the load is even across the platform.



### Bär VanLift Standard

**For the frequent transport of pallets and trolleys**

You always transport pallets and trolleys in your van? Then the Bär VanLift Standard provides optimum support when loading and unloading your goods. This VanLift offers you the following in addition to a load capacity of 600 kg (500 kg depending on the vehicle):

- More payload thanks to the lowest possible VanLift weight
- Fast mounting without any chassis work
- Unrestricted trailer operation option



### Bär BusLift

**For safe boarding and alighting**

Two steps and you are already on-board. However, boarding and alighting is a challenge particularly for people with reduced mobility and their companions.

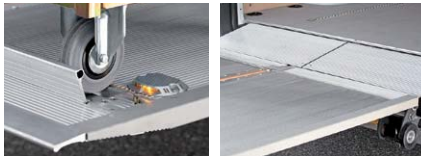
This is precisely where the Bär BusLift provides support. It combines the proven Bär VanLift with the new grid platform specially designed for transporting people. There is plenty of space on the inside for passengers thanks to the external lift system

# Bär VanLift / BusLift

## Optimised for your van



Vans have their own rules – because their users expect automotive quality and a full range of equipment. Bär therefore offers the most comprehensive standard equipment in the entire product range for its VanLifts and BusLifts!



The payload is also a key issue in the transport of goods. All Bär VanLifts are designed for a specific van to fulfil this requirement. This results in advantages in terms of the vehicle weight, mounting and ground clearance. Bär VanLifts and BusLifts are available for:

- Mercedes-Benz Sprinter
- Volkswagen Crafter
- MAN TGE
- Iveco Daily
- Renault Master
- Vauxhall / Opel Movano
- Nissan NV400
- Ford Transit
- Fiat Ducato
- Citroën Relay / Jumper
- Peugeot Boxer

The carrier vehicle influences the technical possibilities of the VanLift. For example, the load capacity can be reduced due to the mounting guidelines. Refer to the vehicle-specific VanLift brochure for more details about this – as well as the mounting possibilities for different vehicle types.

In addition, a certain amount of minimum equipment is needed for the van so that the Bär VanLift / BusLift can be optimally mounted:

- Wooden floor
- 2-leaf rear wall and adjustable opening angle to minimum 180°
- Additional battery
- Connection bar for electrical connection
- Increased roll stability

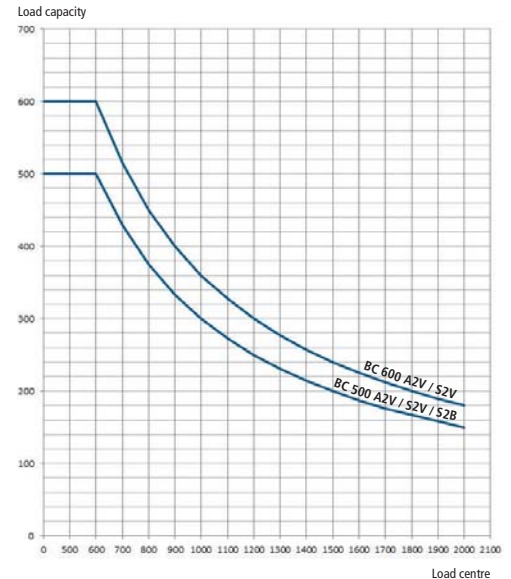
At the same time, selected vehicle equipment cannot be combined:

- Steps of any type in the tail area
- Park sensors in the tail area
- Standard tow-bar\* on the vehicle
- Exhaust routed towards the rear over the rear axle
- Spare wheel under the transporter tail end
- Wiper system on rear wall doors
- Lateral sliding doors on the driver side

\* VanLifts / BusLifts can optionally be fitted with a removable ball coupling. Refer to the vehicle-specific VanLift brochure for more details about this as well as for information on the vehicle equipment.



VanLifts / BusLifts are designed to accommodate these loads in consideration of the platform height:



Load diagram Bär VanLift / BusLift

# Bär VanLift FreeAccess

## BC 600 A2V – The ingenious solution for vans



If you require free access to the cargo space, but also require the ability to load or unload pallets or trolleys at any time, the Bär VanLift FreeAccess offers you unimagined freedom when using your panel van. The minimal weight, quick fitment, usually without chassis work, and trailer operation still set standards in the VanLift class years after its market introduction.

Load capacity*	Load centre	Load moment
500 kg	600 mm	3,0 kNm
600 kg	600 mm	3,6 kNm

### Aluminium platform

Platform system	Height	Width
BAplan30VLL	1610-2010 mm	1330 mm

### Weight with platform width 1330 mm

Platform height	Weight*
1610 mm	from 170 kg on
1810 mm	from 172 kg on
2010 mm	from 174 kg on

The weight includes the standard scope of supply with cables.

\* depending on the carrier vehicle

For more detailed information about the carrier vehicles and their equipment, refer to the vehicle-specific VanLift brochure.

### The revolutionary solution

The VanLift remains stationary for loading and unloading small quantities because the loading area is accessed through the right rear door.



For large quantities, the platform is opened hydraulically with the Bär SmartControl remote control and unfolded manually.



When unfolded, the large platform provides sufficient space to load and unload one Euro pallet with a forklift and up to four trolleys. A platform height of 1810 mm and a carrier vehicle with a high roof are required for transporting pallets with forklifts.

# Bär VanLift Standard S2V

## BC 600 S2V – For efficient loading and unloading of panel vans



With a load capacity of 500 / 600 kg and the 1380 mm wide standard platform, this Bär VanLift optimally supports you when you frequently require unloading assistance – for trolleys or pallets. With a minimal weight, quick fitment without chassis works and trailer operation with ball coupling, this Bär Cargolift offers you numerous advantages in the VanLift class.

Load capacity*	Load centre	Load moment
500 kg	600 mm	3,0 kNm
600 kg	600 mm	3,6 kNm

### Aluminium platform

Platform system	Height	Width
BAplan30VLL	1610-2010 mm	1380 mm

### Weight with platform width 1380 mm

Platform height	Weight*
1610 mm	from 163 kg on
1810 mm	from 167 kg on
2010 mm	from 171 kg on

The weight includes the standard scope of supply with cables.  
\* depending on the carrier vehicle

For more detailed information about the carrier vehicles and their equipment, refer to the vehicle-specific VanLift brochure.

### The classic



The Bär VanLift Standard provides sufficient space for up to four trolleys or one Euro pallet with a forklift for the efficient loading and unloading of the van.



A platform height of 1810 mm and a carrier vehicle with a high roof are required for transporting pallets with forklifts.

# Bär BusLift

## BC 500 S2B – Mobility made by Bär



Boarding and alighting from a vehicle are a challenge particularly for people with reduced mobility and their companions. This is precisely where the Bär BusLift provides support. It combines the proven Bär VanLift with the new grid platform specially designed for transporting people:

- Sufficient space (1300 mm x 1710 mm) and a load capacity (500 kg at 600 mm) for one person in a wheelchair with a companion
- Safe ride on the platform thanks to a side railing (optional) and trolley stop for the wheelchair, which automatically opens when lifting and closes on contact with the ground
- Manual emergency opening included as standard
- Easy to move off the platform thanks to the trolley stop that closes automatically on contact with the ground
- Simple and safe operation with the Bär SmartControl remote control and emergency operations to satisfy the requirements
- Good view through the rear window thanks to the galvanised platform with expanded metal grating
- More space in the vehicle interior thanks to the external lift system



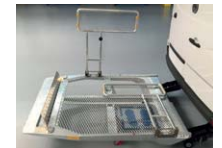
Trolley stop closes automatically on contact with the ground and opens when lifting. Effective height of 150 mm at max. 110°.



Two-part VanBridge for a smooth transition between the platform and vehicle interior.



CargoFlash flashing lights with LED technology and reflecting warning flags as a signal for road users.



Side railing (optional), manually foldable on both sides.



Emergency operation with manual pump (optional) for additional lifting and closing of the platform hydraulically.



Emergency opening from the vehicle interior (optional) for opening and lowering by unlocking the hydraulic valves.

# Bär VanLift FreeAccess / Standard / BusLift Equipment



## Lifting unit



**Cathodic dip coating** (standard) or **cathodic dip coating + powder coating** (optional – each in RAL 9005) of all steel parts as long-term anti-corrosive protection without an additional top coat. **Power pack housing** pivots downward with the lift, thus providing good accessibility for service.



**Cabin switch** with feedback signal (standard) in accordance with EN 1756-1 as soon as the platform has been opened.

## Platform



Pre-fitted **number plate with lighting**. Rear platform side **powder-coated** in RAL 9006 white aluminium. **Anodised** platform edging (standard A2V).



Pre-fitted **number plate with lighting**. Natural **aluminium** rear platform side. **Anodised** platform edging (standard S2V).



Two-part **trolley stop 2ad** (standard VanLift) for two trolleys. Lowered, light overrun-resistant **CargoFlash** flashing lights (standard) with LED technology.

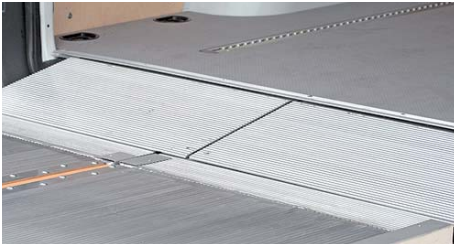


More safety and more traction on the platform with the **TracGrip** and **SideGrip** anti-slip platform surfaces (standard VanLift) – even with wet surface.

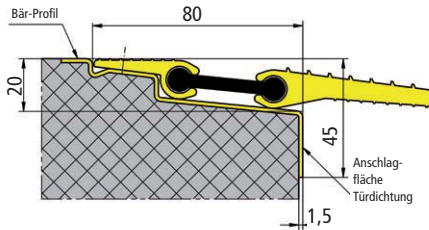
# Bär VanLift FreeAccess / Standard / BusLift Equipment



## Platform



Two-part **VanBridge** (standard) provides a seamless transition between the platform and loading floor by means of an unloaded rubber hinge. Slip-resistant thanks to the ribbed surface. In driving position it is held upright by means of two magnets



**Bär VanBridge kit for refrigerated body** (option VanLift) for integration into the insulated floor. The result is a reduced extension angle.

## Control elements



**Bär SmartControl remote control** (standard) replaces the mounting of control switches in the chassis. Four wireless functions with short-range recognition.



**Emergency operation** (option VanLift), standard plug connection.



**Bär SmartControl Plus with docking station** (option) incl. remote control for recharging the accumulators (in place of batteries). Cabin switch can be operated via radio resulting in reduced mounting efforts.



# Bär VanLift FreeAccess / Standard / BusLift Equipment

## Vehicle connection



**Removable ball coupling** complete with ball (option), D-value 17.7 kN-19.9 kN, weight approx. 30 kg. Advance electrical preparation required on the vehicle!

Calculation of the maximum admissible trailer load of the towing bracket:

$$\text{trailer load in t} = \frac{\text{D-value in kN} \times \text{GVW vehicle in t}}{(9,81 \text{ m/s}^2 \times \text{GVW vehicle in t}) - \text{D-value in kN}}$$

In case the carrier vehicle or the ball coupling lead to a lower admissible trailer load, the lowest value is determining.

# Bär Cargolift service products



## Extended warranty **Bär CargoProtect**

Success does not happen by chance. With the extended warranty for your Bär Cargolift, you can request the extension of the 24-month warranty if necessary and secure your budget against unpleasant surprises. For sure.



## **Service training for service partners**

The market is constantly developing. New technologies come into being, laws are harmonised or further expanded, new personnel must be trained. Reason enough for Bär to support its partners with a diverse range of service training. Find out more about the service training on offer from Bär Cargolift.



## Maintenance and repair contract **Bär CargoRate**

Full service, no risk. With our maintenance and repair contract, you convert your difficult-to-calculate lifecycle costs into a fixed monthly rate. And our certified service partners keep your Bär Cargolift in top condition at any time. Throughout its product life cycle.



## **Regular maintenance & inspection**

Regular maintenance ensures the fault-free function of your Bär Cargolift in day-to-day use. It is also a requirement for warranty claims starting in the second year of operation. Since the legally stipulated regular inspection does not mandate maintenance, the service record documents the necessary measures.



## Service and diagnostic software **Bär CargoCheck**

Easy and quick, just as service should be. Bär CargoCheck enables the immediate diagnosis of faults. Or also optimum parametrisation. Connect the USB cable and then get started.



## **Bär Cargolift WebShop**

Things have to move quickly in an emergency. You can therefore obtain Bär original spare parts and the associated documents / software easily via the WebShop – i.e. specific to the serial number. Or submit data in the case of a warranty claim. Fast, simple and effective.

# Bär Cargolift – Lifting Performance.



The world of transport and logistics is becoming more and more competitive and complex. In order to work successfully in this business, customer oriented solutions with maximum efficiency are required. And last but not least high performance tail lifts.

Bär considers the tail lift as an integral part of an overall system which is being optimized user specifically to maximum performance. Only with a deep understanding of the various transportation tasks an ideal product solution can be created.

The core competence of Bär Cargolift is the continuous enhancement of the performance of tail lifts.

The customer of Bär Cargolift can be sure to receive a solution that supports his work in an optimal way. He gets supported in all phases of the product life cycle from ordering to mounting and from handling to service – based on partnership.

Bär Cargolift has shaped the industry over decades with innovative solutions. Solid technology that can be used easily and safely has created the decisive advance versus the competition.



Gerd Bär GmbH, Heilbronn, Germany

## Bär Cargolift – Lifting Performance.



Gerd Bär GmbH · Industriegebiet Böllinger Höfe · Pfaffenstraße 7 · D 74078 Heilbronn  
Fon +49 7131 2877-992 · Fax +49 7131 2877-912 · vk@baer-cargolift.de · www.baer-cargolift.com