

VanLift



Bär Cargolift – Lifting Performance.



Bär VanLift

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

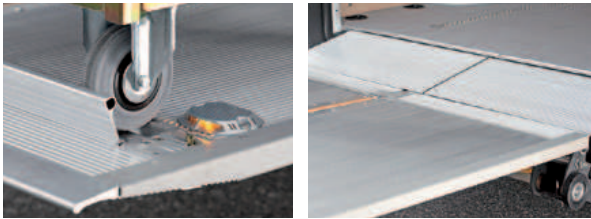
You always transport pallets and trolleys in your van? Then the Bär VanLift Standard provides optimum support when loading and unloading your goods. This VanLift offers you the following in addition to a load capacity of 600 kg (500 kg depending on the vehicle):

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

Bär VanLift 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!



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 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 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

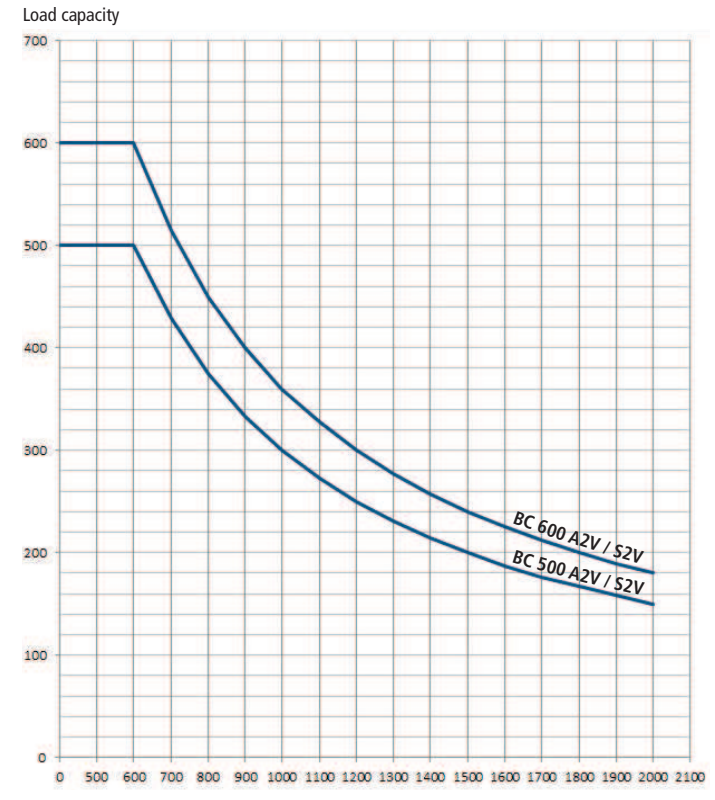
At the same time, selected vehicle equipment cannot be combined:

- 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 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 are designed to accommodate these loads in consideration of the platform height:



Load diagram Bär VanLift



Website with product movie

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 / 1100** mm

** Volkswagen Crafter / MAN TGE / Ford Transit

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 Bär SmartControl Basic 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 / 1150** mm

** Volkswagen Crafter / MAN TGE

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 VanLift FreeAccess / Standard 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



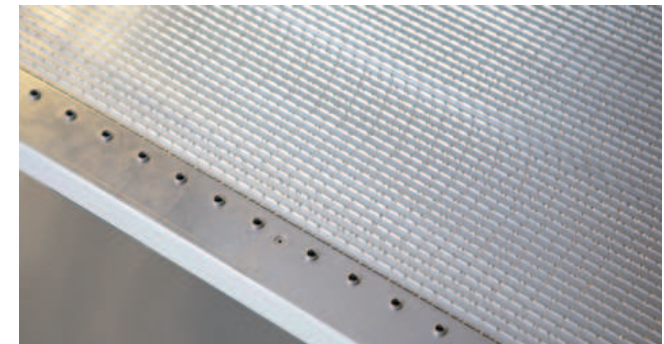
Pre-fitted **number plate with lighting**. Rear platform side **powder-coated** in RAL 9006 white aluminium. **Anodised** platform edging (standard A2V).



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. Flap width: 435 mm (A2V), 500 mm (S2V). Lowered, light overrun-resistant **CargoFlash** flashing lights (standard) with LED technology.

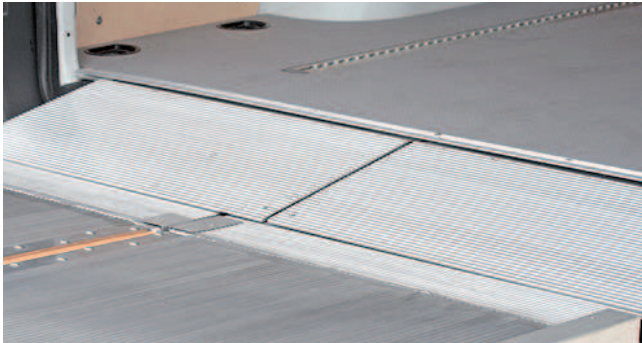


More safety and more traction on the platform with the **TracGrip** and **SideGrip** anti-slip platform surfaces (standard) – even with wet surface.

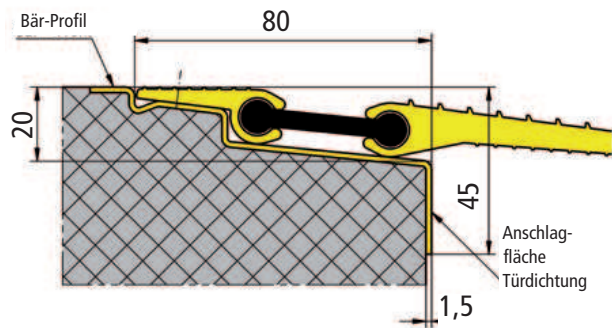
Bär VanLift FreeAccess / Standard Equipment



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) for integration into the insulated floor. The result is a reduced extension angle.

Control elements



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



Emergency operation (option), 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 Equipment



Vehicle connection



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.

Removable ball coupling complete with ball (option), D-value 17,7 kN-21 kN, weight approx. 30 kg. Advance electrical preparation required on the vehicle!

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.

Bär Cargolift – Lifting Performance.



Find out more about “Bär Cargolift – Lifting Performance. Since 1981.” – the family business, its innovations and its continuous development at: www.lifting-performance.com



Bär Cargolifts comply with the CE-Norm



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