

For light vehicle classes



Bär Cargolift – Lifting Performance.



Bär Cargolifts for trucks with gross vehicle weight 3,5 - 7,5 t



In the light vehicle classes the requirements for a tail lift are as versatile as its use. Bär Cargolift supports you with four Cargolift types with lifting capacity 750 kg:



BC 750 S2L

If the emphasis is on payload

Weight 160 kg

Available platforms
Height 1210-1810 mm
Width 1950*/2520 mm



BC 750 S2S

For heavy load and high platforms

Load centre 750 mm

Available platforms
Height 1410-2210 mm
Width 1950/2520 mm



BC 750 S2N

For more clearance to the ground

Fixed under run bar

Available platforms
Height 1610-2110 mm
Width 1950/2520 mm



BC 750 A2L

When maximum flexibility is required

Vertically foldable platform

Available platform
Height 1630 mm
Width 1780 mm

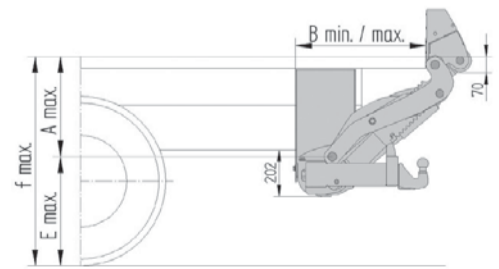
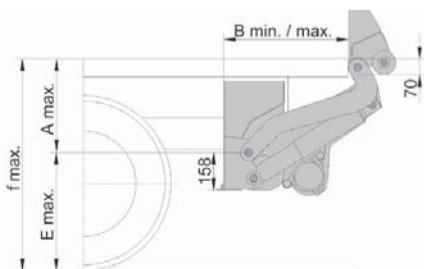
* 2100 mm for fitment to Peugeot Boxer, Fiat Ducato, Citroën Jumper

Technical data for Bär Cargolifts with lifting capacity 750 kg

BC type	Load centre	Load moment
BC 750 S2L	600 mm	4,5 kNm
BC 750 S2S	750 mm	5,6 kNm
BC 750 S2N	600 mm	4,5 kNm
BC 750 A2L	600 mm	4,5 kNm

BC type	Weight* with platform height		
	1410 mm	1610 mm	1810 mm
BC 750 S2L	160 kg	167 kg	174 kg
BC 750 S2S	186 kg	194 kg	202 kg
BC 750 S2N	–	242 kg	250 kg
BC 750 A2L	–	194 kg	–

* Weight includes the standard scope of supply



	BC 750 S2L / S2S		BC 750 A2L	
	Arm length	575 mm	650 mm	575 mm
Lifting height f_{max}	1020 mm	1120 mm	1030 mm	1140 mm
Measure A_{max}	480 mm	530 mm	490 mm	550 mm
Measure E_{max}	540 mm	590 mm	540 mm	590 mm
Clearance B_{min}	440 mm	485 mm	395 mm	440 mm
Clearance B_{max}	540 mm	625 mm	465 mm	520 mm

	BC 750 S2N
Arm length	600 mm
Lifting height f_{max}	1054 mm
Measure A_{max}	521 mm
Measure E_{max}	533 mm
Clearance B_{min}	525 mm
Clearance B_{max}	655 mm

Platform



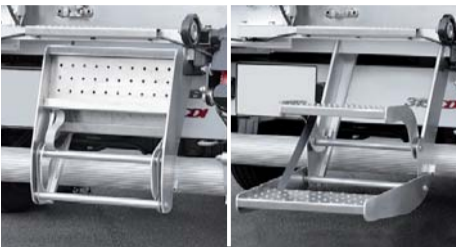
Natural **aluminium** rear platform side (standard S2) or powder-coated in RAL 9006 (standard A2L). Option S2: **Powder-coated** in RAL colour of your choice or anodised platform.



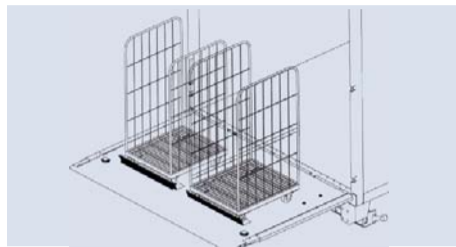
Anti-slip platform surfaces **TracGrip** (standard), optionally with noise-reducing **SilentGrip**.



Durable **CargoFlash** LED flashing light (standard) and Bär **foot control** (standard).



FreeAccessStep (option) made of anodised aluminium, manually foldable. Weight approx. 15 kg. Cannot be combined with a towing bracket for ball coupling.



Trolley stop 2ad with opening angle of 110° (standard A2L) or **2rd** with 43° (both option S2).



CargoSeal sealing system (option).

Control elements



Control box (standard) for operation of four basic functions of the Cargolift.



Bär Control EVO (option) is intuitive in use, durably constructed and can be easily operated with gloves thanks to the vertically and horizontally operating joysticks. Platform tilt angle can be saved with the right control lever.



Pushbutton plate 3+1 (option) for mounting outside in the body wall.



Wander lead (option) with two functions incl. platform marking for the assigned operating position. Socket for wander lead pre-fitted on the control box or for mounting in the body.



Bär SmartControl remote control (option) for CE-compliant operation of all four basic functions by radio. With RadioKey as standard, for the automatic locking of all control elements when exiting the working range.



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.

Vehicle connection



Adapter plate BC 750 S2L/S / A2L or BC 750 S2N made of aluminium. Required for mounting on the following vehicles.

Carrier vehicle	Adapter plate		Towing bracket ball coupling	
	S2L / S2S / A2L	S2N	S2L / S2S / A2L	S2N
Mercedes-Benz Sprinter / Volkswagen Crafter / MAN TGE	approx. 10 kg	approx. 10 kg	approx. 60 kg	approx. 12 kg
Iveco Daily	without	without	approx. 50 kg	
Ford Transit	approx. 12 kg	approx. 10 kg	approx. 60 kg	
Renault Master / Vauxhall Movano / Nissan NV400	approx. 14 kg	approx. 10 kg	approx. 60 kg	
Fiat Ducato / Peugeot Boxer / Citroën Jumper	approx. 10 kg	approx. 17 kg	approx. 60 kg	
Mitsubishi Fuso / Canter / Renault Maxity / Isuzu	without	without	approx. 50 kg	



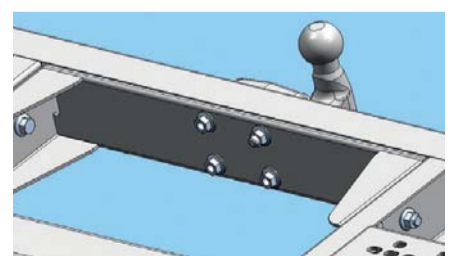
Towing bracket for ball coupling S2L / S2S / A2L

Towing bracket for ball coupling (option) with European type approval for the parts (parts ABE), D-value 19.9 kN, weight approx. 45 kg for S2L/S/A2L and approx. 12 kg for S2N. Advance electrical preparation required on the vehicle! Ball coupling optionally available.

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.



Towing bracket for ball coupling S2N