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DS VA/VB



- ✓ Approx. 25-33 % more load torque than usual
- ✓ Reliable with the proven series components of the **DAUTEL LIFTER**
- ✓ Robust 4-cylinder technology
- ✓ Unrivalled simple operation
- ✓ More clearance
- ✓ Minimum installation space - no protrusion beyond the coupling end

Logistics professionals have different requirements, e.g.

- minimum installation dimensions, high clearance, greatest possible slope angle
- No protrusion beyond coupling end
- simple, convenient and driver-friendly unfolding
- robust slider unit that even withstands a "jolt" during shunting
- torsion-resistant version
- simple, logical operation
- reliable, fail-safe, low maintenance
-

The right choice for every use

The **DAUTEL SLIDER DS -VAVB** in robust 4-cylinder technology fulfils these requirements like no other! Optionally single or double folding, equally ideal for HGVs, semi-trailers and centre-axle trailers with box, drop-side or BDF interchangeable superstructures. Low-maintenance compound bearing bushes enable environmentally friendly, self-lubricating dry running through solid lubricants embedded in the material and are designed for harsh long-term operation. Robust sliding mechanism made of aluminium with hydraulic cylinder, easy folding in and out of the large platform, low maintenance, dependable customer service.

By choosing the DS-48VAVB you decide for a supreme class tailgate lift, designed for maximum safety and built for dependable continuous use by professional users.

For heavy loads

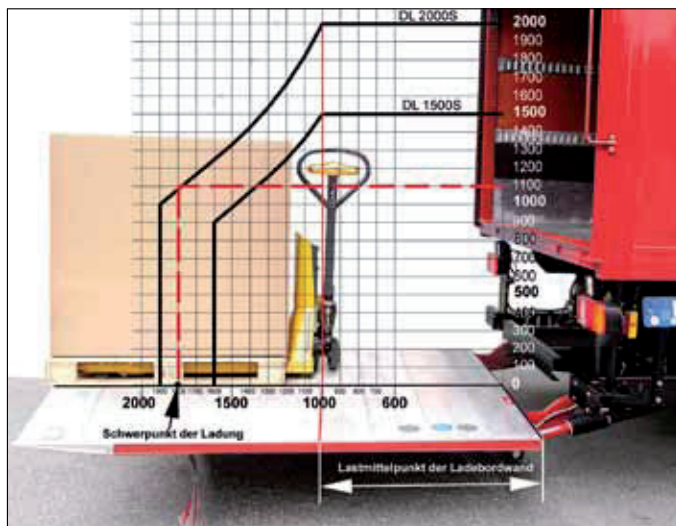
You have the choice of rated load: 1500, 2000 kg with the unsurpassed load centre of 1000 mm, 2500 kg with a load centre of 960 mm or 3000 kg with a load centre of 800 mm, based in each case on the beginning/centre of the platform.



External operation

Simply logical: easy operation

The ergonomically designed external controls are protected from dirt in a plastic housing with self-closing cover. The 2-point foot control is accessible under load and the waterproof toggle switches with snap-action contacts are particularly reliable. Optionally we also offer a wireless remote control for raising/lowering.



More rigidity = more safety

The very large load torque of 15 kNm or 20 kNm in the **DAUTEL SLIDER DS 1500/2000VA/VB** makes the transport of heavy and bulky loads easier for you. This means more rigidity for the same rated load. The lifting and tilting cylinders with double hardened chrome-plated piston rods are protected by protective tubes. Automatic hydraulic downtilting of the platform onto the ground.



2-point foot control accessible under load

Twice as safe: the safety control system

High-quality components guarantee maximum failure safety. Even if the foot control were to fail, separate electric circuits ensure that work can continue by means of the external control system. The complete electrical system is protected against moisture and service-friendly housed in the drive unit, in accordance with IP 54. Integrated switching logic and manual emergency operation by means of a cable bridge have been connected in a central terminal board.



Minimum clearance

due to specially formed load-bearing arms and steep mounting angle as well as the low height of only approx. 340 mm for the DS 2000VA with 3-part platform pack. The combination with powerful displacement cylinders and external, easy-to-service unit is new. Our engineers have achieved the optimum solution with this combination.



Kein Überstand über Kupplungsende

No protrusion beyond coupling end, up to 100 mm more clearance!

The coupling jaw is exposed, it does not protrude beyond the tailgate lift. The low height of only approx. 340 mm in the DS 2000VA incl. 3-part platform pack from the lower edge of the HGV frame guarantees up to 100 mm more ground clearance in comparison to similar versions.

Optimal Corrosion

The hoist gear and the steel platform fixed element is KTL-painted similar to RAL 9005 black and provides 1000 hours of resistance in the salt spray test.

Quick assembly 'in no time at all'

Extremely easy installation of the pre-mounted **DAUTEL SLIDER**. For HGVs using fixing frames. For semi-trailers/centre-axle trailers with "FIX in" with frame gauge approx. 1300 mm and "FIX on" with frame gauge approx. 980 mm with special adapters. The plug-in VEHH interface Code A+B makes the electrical connection easier.

Universal use

The **DAUTEL SLIDER** increases the flexibility and profitability of your fleet. Your HGV with normal or close coupling or semi-trailer can be used in distribution transport as well as in long-distance traffic. Optionally available in removable version.

1st choice for BDF interchangeable bodies

Your HGV with BDF interchangeable superstructure becomes a universal distribution transport vehicle when required. In the version with three-part platform and drive-over plate with automatic reset during the lowering process as well as adjustable load-bearing arm end stops, you can load and unload BDF interchangeable superstructures as per EN 284 (sizes C 715 and C 745, as well as C 782 with corresponding mounting situation) with the **DAUTEL SLIDER**. The drive-over plate bridge with a size of 276 mm bridges surface-mounted locking components or rubber buffers of your BDF interchangeable superstructures and compensates for dimensional differences. An electrical circuit with adjustable automatic stop guarantees driver-friendly precise running onto the rear frame.



DS 1500/2000VT XXL for BDF high-volume freight transport C 782, HGV driving height of 860 mm

2-part platform can also be positioned vertically and is capable of being rolled over

This optional version combines the advantages of accessible and standard tailgate lift. Significant shortening of the charging process in combination mode: large distances = platform folded in, short distances = the upright platform behind the superstructure.

Select the tailgate lift you need from our delivery program:

	Load-bearing capacity in kg	Load centre in mm*	1620	2-part platform in mm			3-part platform in mm		
				1820	2020	2220	1540	1740	1950
DS 1500VA	1500	1000	x	x			x	x	x
DS 2000VA	2000	1000	x	x			x	x	x
DS 2500VA	2500	960		x	x	x			
DS 3000VA	3000	800		x	x	x			
DS 2000VB	2000	1000		x	x	x			
DS 3000VB	3000	800		x	x	x			

Platform width of 2-part platform: 2400 mm, 3-part platform: 2300 mm. * Load centre based on the beginning/middle of the platform.

■ Optionally with hydraulic package folding, the platform tip – supported by a torsion rod – folds manually.



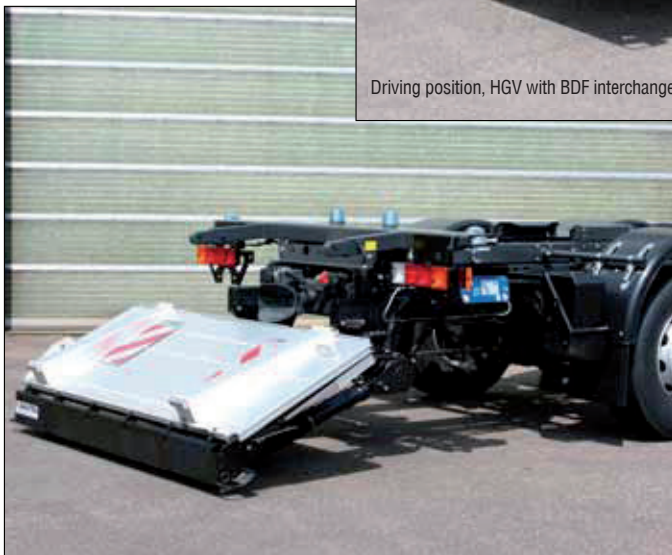
DAUTEL SLIDER DS -VA



HGV with 2-part platform



Driving position, HGV with BDF interchangeable body



Extended



Folded out





Service-friendly drive unit and control unit

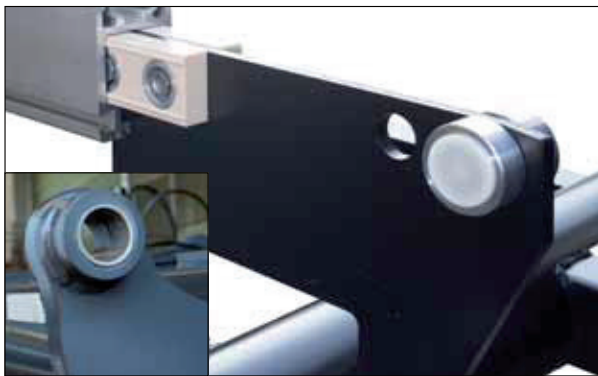
Extremely service-friendly:

Drive, control, bearing

The noiseless 24-volt BOSCH drive unit with (24 V, 2-KW) motor switch placed on the right side (in the direction of travel) is protected against moisture. A powerful 3 kW motor that allows more loading cycles is available as an option. The hydraulic hoses, made from thermoplastic with stainless zinc-nickel fittings, are especially durable.

Simply logical: easy operation

The ergonomically designed external controls are protected from dirt in a plastic housing with self-closing cover. The 2-point foot control is accessible under load and the waterproof toggle switches with snap-action contacts are particularly reliable. Optionally we also offer a wireless remote control for raising/lowering.



Low-maintenance slider unit and compound bearing bushes

Powerful extending and retracting without warping:

Best synchronous operation properties and maximum stability due to double-acting hydraulic cylinders in combination with heavy aluminium guide profiles and low-maintenance roller and plain bearings.

Heavy loads handled safely

Platforms up to a size of 2220 mm with steel fixed element and welded aluminium folding elements are available. The large number of folding joints – 5-6 in the 3-part platform and 7 in the 2-part platform – guarantee high stability. Optionally the aluminium platform elements can be anodised.



Hydraulic cylinder with solid collision protector with integral hydraulic line

Lightweight, easy handling

Durable torsion springs support the manual folding in and out of the platform tip in each 2-part platform and the 3-part platform with 1950 mm. The folding of the platform pack for 3-part platforms is supported by a powerful gas spring. Even more convenient is the optional hydraulic folding with integral hydraulic line. Gas spring rod or folding cylinder are protected against damage by a massive collision protector and a protective tube. The side profile edging is equipped with a V2A tip surround.



Drop-down protection type F1

More Secure Support for Rolling Containers

Drop-down protector type F1, width 700 mm, is suitable for 2 rolling containers with rollers up to 120 mm Ø, can be individually installed, lockable and can be driven over from the leading edge of the platform. Position approx. 356 mm in front of the platform tip.

Ease of rolling over into the superstructure

The optional drive-over strip on the platform extends the platform by 70 mm, hence making driving over into the superstructure easier. Locking components can be recessed.



DAUTEL SLIDER DS -VB for trailers

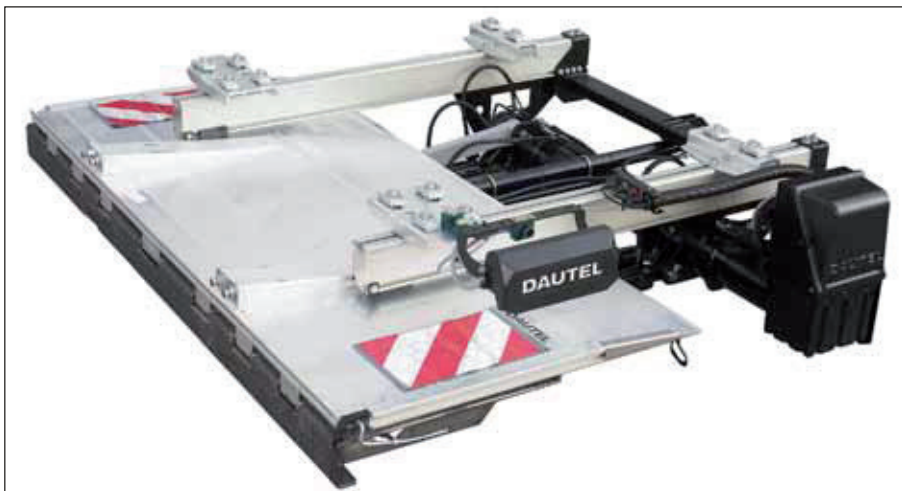
Behind the DS -VB generation is a single-fold, accessible DAUTEL tailgate lift that has been integrated in the DS -VA modular system. It is designed for simple, quick assembly on flatbed trailers or central axle trailers with box and drop-side bodies with a frame gauge of approx. 1250 mm to 1360 mm + 1200 mm. Needs no welding or drilling as it is mounted on the longitudinal lower beams of the I-beam using bolt-on "Clamp-on" mounting technology.

The robustly designed DAUTEL SLIDER 4-cylinder technology comes in 2 versions:

- Rated load of 2000 kg with the unsurpassed load centre of 1000 mm,
 - Rated load of 3000 kg with a load centre of 800 mm,
- based in each case on the beginning/middle of the platform.

Delivery is optionally with premounted battery box (max. battery size 2 x 225 Ah) on the left in the driving direction.

The robust steel platforms with aluminium folded tip with 7 folded joints are available in lengths of 1820/2020 and 2220 mm. The optionally available drive-over strip guarantees especially good driving over into the body and extends the platform by 70 mm. Locking components can be recessed.



DAUTEL LIFTER version for trailers with frame gauge 1250 mm to 1360 mm + 1200 mm

Electronically controlled charge cable with SmartCharge (SC) charge current monitor

The charge cable is equipped with an integrated electronics module and SC plugs and connectors based on the ABS system works reliably, simplifies maintenance and can easily be mounted on all makes of HGV. Your advantages: A control lamp in the driver's cab flashes if there are any malfunctions of the charging function, the cause of the fault is indicated by the LED flashing interval on the electronics module, well-charged batteries increase operational safety, less wear on the electric motor and power relay, fewer components, simple installation.



Electronically controlled charge cable with SC connector

Edition 09/2010 · Technical data subject to change, illustrations non-binding.

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