



>>> HDS® – The original

The scissor lift with better access

»» The semi-scissor system Y-tec® offers unequalled advantages

The patented semi-scissor lifting system offers accessibility, which has never been reached so far for your workspace. Compared to many other lifts, the semi-scissor lift HDS® has no base frame and no intrusive cross beams on the floor. This special design allows better access from all sides

in comparison to other lifts. You can access each area at the vehicle, you can move freely and you are able to move a tool trolley under the HDS® lift without any obstacles. Thanks to the vertical lifting of the platforms, the innovative system saves space in your workshop.





You have better access

The vehicle on the HDS® lift is accessible in an optimum way from front, back and also laterally. There are no intrusive scissor modules or base frames.



You have more space

The HDS® lift in a recessed version disappears at ground level. You gain valuable space in your workshop and you stay flexible in the use of space.



You work efficiently

Thanks to the extensive accessories there is the correct accessory for each job. For efficient and convenient working.



You save time

The semi-scissor lift requires only a minimum set-up time and allows easy access to the platforms – this saves time and money.



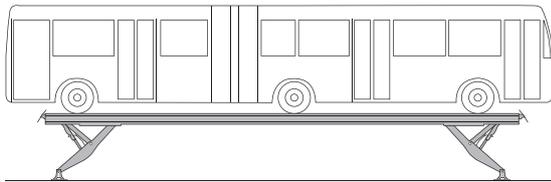
You gain safety

The lift is equipped with a hydraulic and mechanic load securing system. Unequal load is equalised by the synchronisation. For safe working under the lifted load.



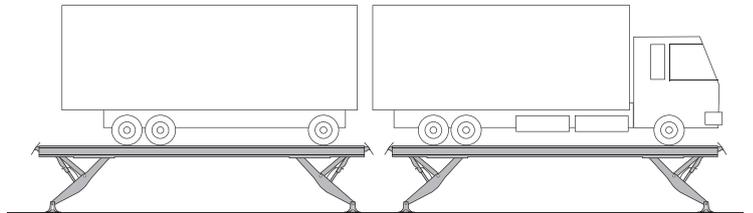
»» Single and tandem versions Equipped for each type of vehicle

Single



6.5 - 14.5 m

Tandem



13 - 24 m

The platform lift HDS® is suitable for all vehicles, from compact forklifts to complete truck and trailer. For long vehicles you can combine two single lifts to a tandem lift. Each lift can then still be used as a separate single lift. Flexibility, which creates many different possible applications.



»» Floor and recessed versions More flexibility in use of space

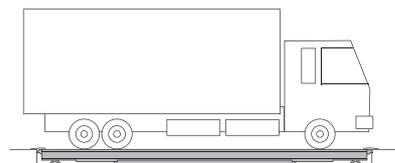
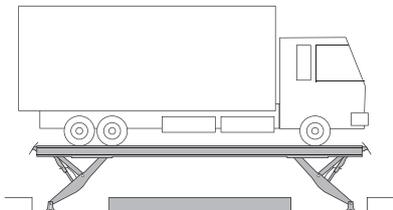


Recessed version with and without floor levelling device

The recessed version of the lowered HDS® lift is level with the floor and can be crossed over with vehicles. Therefore, you stay flexible and you use your workshop space in an optimum way.

Also available with a floor levelling device – The floor will be clear even if the lift is raised.

- › Easy and level driving on the HDS®.
- › No trip hazard when lift is lowered.
- › Work space can be used flexibly when lift is not in operation.



Floor version

The floor version does not require any constructional measures and can be quickly installed anywhere. If required, the lift can be relocated.

- › Optimum and unlimited access from all sides.
- › Cost-efficient installation as no groundworks are required.
- › Full lifting height of the HDS® lift up to 2.10 m.

>>> Special version for wash halls

No matter where your lift has to be used – the platform lift HDS® can be adapted to your requirements. Special versions for the use in wet environments or in explosive areas, for example paint shops, are available on request.

If you require an individual solution for e.g. a wash hall, no problem, as a medium-sized company we are flexible and can produce a customised HDS® lift completely to your requirements.





Learn more
regarding special versions
Tel. +49 (0)7441-4031



To increase the life expectancy of a lift in a wash hall, we treat the lift with a special surface treatment. Platforms and scissor elements are hot-galvanised, the control box and covers are made of stainless steel, for example.



The DUROPLEX coating contains a surface treatment for platforms, ramps, scissor elements and floor plates in addition to the hot galvanisation. We achieve corrosivity class C5 I by bead blasting and applying several coatings.



We recommend to install the power unit outside of the washing area.

An additional control box to fasten at the wall within the washing area allows a simple operation of the HDS® lift.

>>> Accessories



Lighting kit

Fluorescent lamps, luminous flux 2300 Lumen each. Integrated on the inside edge of the platforms. Kits with 4, 6, 8 or 10 lamps.



Electric sockets 230 V

2 sockets 230 V / 1 Ph / 50 Hz, max. 1000 W, mounted on one platform.



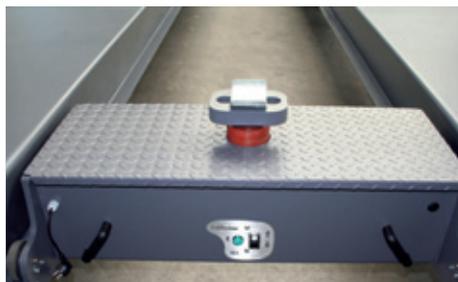
Remote control

Functions: up / down, emergency stop.



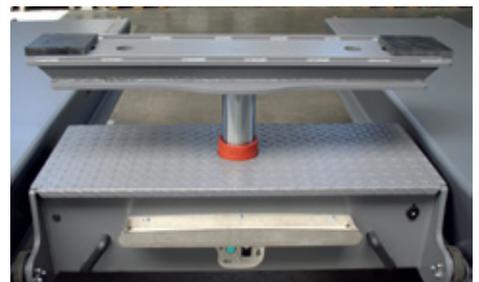
Hydro-pneumatic jacking beam

Capacity 16 t, stroke 200 mm. For HDS® recessed version „position control“ is required.



Electro-hydraulic jacking beam

Capacity 15 t, stroke 200 mm. Batteries 24 V / 50 Ah, integrated battery charger. For HDS® recessed version „position control“ is required.



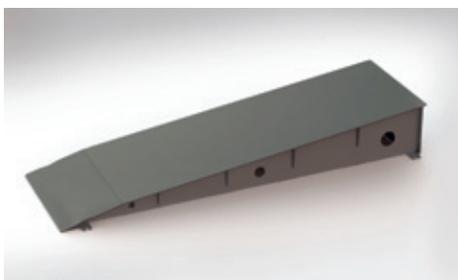
Bus traverse

Accessory for electro-hydraulic jacking beam. Capacity 15 t, support via two rubber pads.



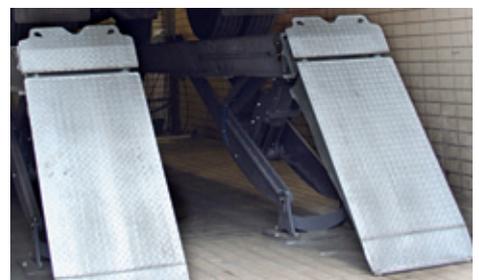
Anti-skid surface

For recessed version. Surface of platforms gritted with siliceous sand, anti-skid class R13. Required, if platforms are used as traffic way.



Ascending ramps

For floor version. Floor mounted, lengths 1500 mm, 2350 mm or especially for low-floor vehicles 3300 mm.



Ascending ramps

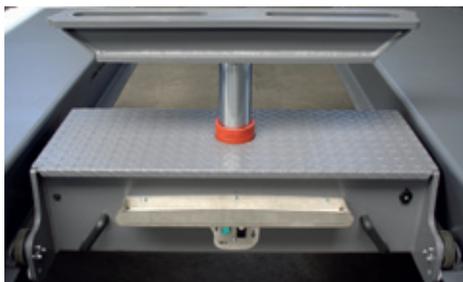
For floor version. Hanging fixed on platforms, length 1800 mm.



Pneumatic sockets

2 pneumatic quick-connects nominal \varnothing 7.2 mm, on one platform.

Learn more
regarding accessories
www.finkbeiner.eu



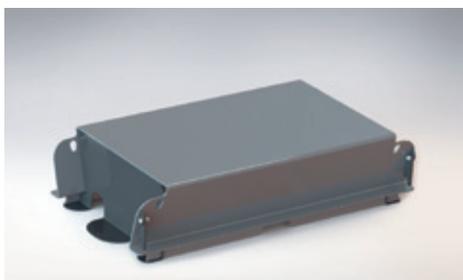
Truck traverse

Accessory for electro-hydraulic jacking beam. Capacity 15 t, two U-supports.



Floor levelling device

For recessed version. Automatic floor levelling of pit, length depending on length of platforms.

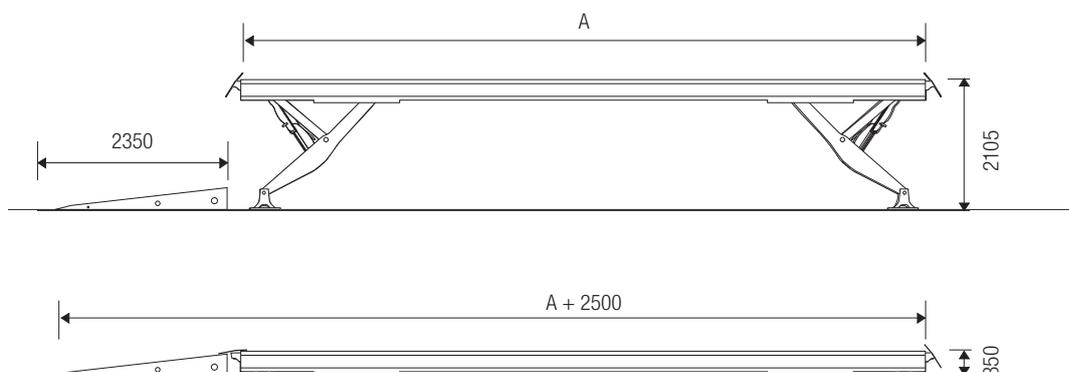


Inter platform

For tandem version. 1 pair floor mounted, between lift 1 and lift 2.

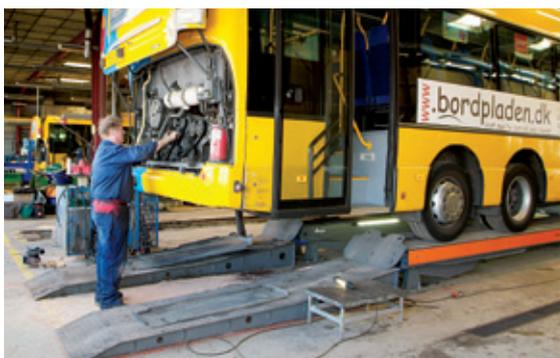
>>> Technical data

Model	HDS®
Capacity	Single version: 25 t / up to 36 t with symmetric load Tandem version: 50 t / up to 2 x 36 t with symmetric load
Stroke, effective	1750 mm
Platform length	6.5 - 14.5 m (measure A below)
Lifting / lowering time	Approx. 90 sec.
Operation	Up / down / e-stop / fast / slow speed, softstart
Drive	Electro-hydraulic
Connection	Single version: 400 V / 3 Ph / 50 Hz / 35 A Tandem version: 400 V / 3 Ph / 50 Hz / 63 A Compressed air 6 bar minimum
Protection class	IP 65



>>> References HDS® – The original in daily use

Finkbeiner HDS® lifts have been approved in many different applications.



»» FINKBEINER – The appropriate lifting system for any vehicle

Learn more
Please contact us
Tel. +49 (0)7441-4031

Where vehicles, which weigh up to 100 tons, have to be lifted for maintenance and repair, Finkbeiner lifts are used worldwide.

As one of the most well-established companies in this sector we have experience in developing and producing lifts for decades – this is the base for innovative strength, utmost safety and reliable quality. Achieving this quality not only in our products but also our after-sales service is important to us.

The complete Finkbeiner programme contains lifts for cars, utility vehicles, forklifts, railway vehicles, airport ground vehicles (GSE) and numerous special vehicles.

Trucks and Buses



Agricultural Vehicles



Special Vehicles



Cars and Vans



Railway Vehicles



Airport Ground Vehicles



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