

# HEAVY DUTY SCISSOR LIFT

## ELECTRO-HYDRAULIC SAFETY LATCH

Robust truck scissor lift with extraordinary freedom of movement and extraordinary design. Minimum dimensions with raised lift distinguish the HEAVY-DUTY LIFT.

- + Special rail lengths on request
- + The electronic synchronization of the two guide rails takes place independent of the load distribution
- + Mechanical safety latches with cluster gears guarantee max. safety of the vehicle in raised condition

The access rails are raised vertically, thus saving the space always required additionally by a parallelogram lift.

Because of the space-saving arrangement of the lift scissors, the technician can move optimally under the access rails, as there are no interfering scissors, columns, or cross beams.

The surfaces of the access rails are made of anti-slip bulb plate.

Different capacities and rail lengths can be realized by the arrangement and the type of the lift scissors.

All lifts of the HDVL series are available as above- or below-ground version. An optimal solution for the rational work space. Access rails installed level to the ground can be traveled over laterally. With raised lift, an optional ground balance can be installed between the lift scissors. This permits perfect access for example with a transmission jack under the center of the vehicle.

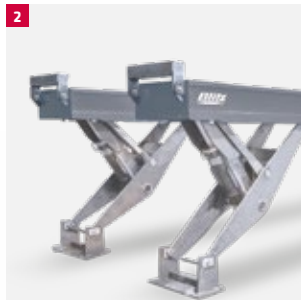
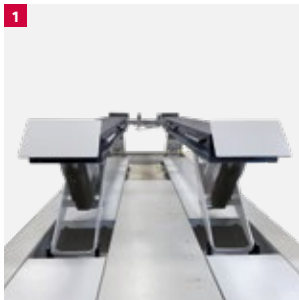
Rollover and roll-back protection at the ends of the guide rails protect the vehicle against dropping down.

Easy installation, as no installation frames must be set.

The floor supports are hot-dip galvanized and thus optimally protected against corrosion.



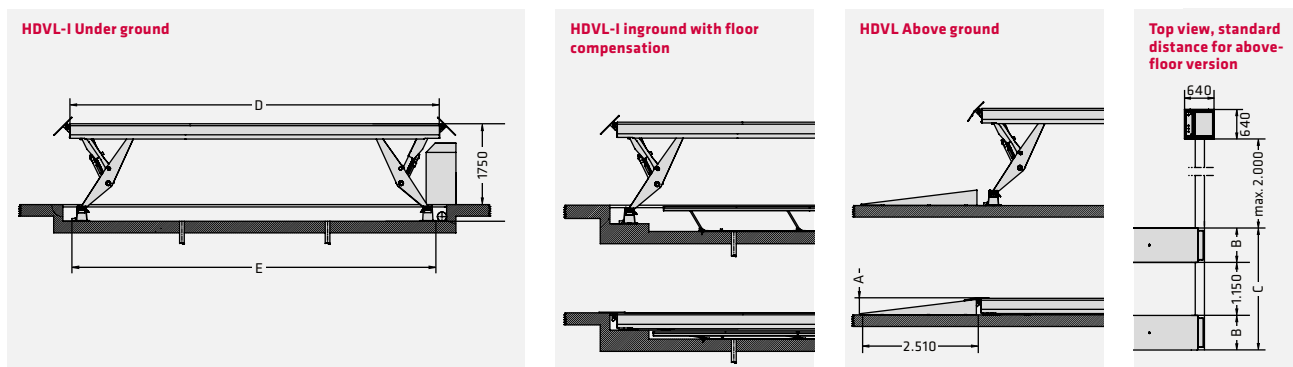
## HIGHLIGHTS IN DETAIL



**1** In-ground installation is possible. Optional is a floor-levelling available.

**2** Optionally, the complete heavy-duty lift lift also are available as washing hall versions (Completely galvanized).

**3** The user-friendly operator panel can be adapted to local conditions.



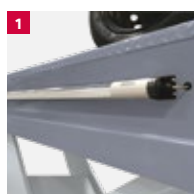
Optionally, additional long access ramps (3.300 mm) make easy driving on the guiding rails possible, even with low-floor vehicles.  
Optionally, additional long access ramps (2.510 mm) – placed in the front – make driving over the above-ground lift possible.

Model	HDVL 25							
	60-I	80-I	90-I	100-I	110-I	120-I	130-I	145-I
Rated load capacity	25.000 kg	25.000 kg	25.000 kg	25.000 kg	25.000 kg	25.000 kg	25.000 kg	25.000 kg
Lifting / lowering time loaded	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s
<b>B</b> Width of runways	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm
<b>C</b> Overall width	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm
<b>D</b> Length of runways	6.000 mm	8.000 mm	9.000 mm	10.000 mm	11.000 mm	12.000 mm	13.000 mm	14.500 mm
<b>E</b> Total length	6.240 mm	8.240 mm	9.240 mm	10.240 mm	11.240 mm	12.240 mm	13.240 mm	14.740 mm
<b>F</b> Stroke	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm
Driving power	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW
Power supply voltage	230 / 400 V, 50 Hz							
Weight	4450 kg	5.250 kg	5.750 kg	6.250 kg	6.750 kg	7550 kg	8850 kg	9500 kg
Painted Version	830208	830004	830212	830006	830403	830421	830405	830407
Galvanized Version	830210	830054	830214	830056	830431	830432	830433	830434

Model	HDVL 35							
	60-I	80-I	90-I	100-I	110-I	120-I	130-I	145-I
Rated load capacity	35.000 kg	35.000 kg	35.000 kg	35.000 kg	35.000 kg	35.000 kg	35.000 kg	35.000 kg
Lifting / lowering time loaded	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s	90-110 s
<b>B</b> Width of runways	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm
<b>C</b> Overall width	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm	2.650 mm
<b>D</b> Length of runways	6.000 mm	8.000 mm	9.000 mm	10.000 mm	11.000 mm	12.000 mm	13.000 mm	14.500 mm
<b>E</b> Total length	6.240 mm	8.240 mm	9.240 mm	10.240 mm	11.240 mm	12.240 mm	13.240 mm	14.740 mm
<b>F</b> Stroke	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm	1750 mm
Driving power	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW	4 x 2.6 kW
Power supply voltage	230 / 400 V, 50 Hz							
Weight	4450 kg	5250 kg	5750 kg	6250 kg	6.750 kg	7550 kg	8850 kg	9500 kg
Painted Version	830216	830220	830008	8300010	830409	830049	830012	830411
Galvanized Version	830218	830222	830058	830060	830435	830436	830064	830437

## ACCESSORIES



- 1 LED-illumination
- 2 Two-point axle jack 13.5 t
- 3 Centre axle jack 14 t, air-hydraulic
- 4 Access ramps 2510 mm, drive over (above-ground version), 1 pair. Access ramps 3300 mm, (ideal for low-floor vehicles), 1 pair
- 5 Floor leveling (only useful with strip foundation version)
- 6 Twin control (2 lifting platforms synchronized one behind the other or individually movable, V2A control units suitable for the wash hall)
- 7 Floor leveling for the axle lift in the middle.