

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.

+ 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.



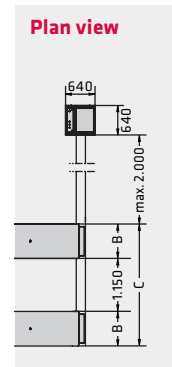
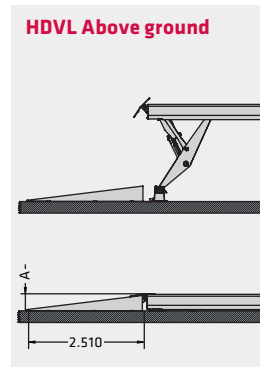
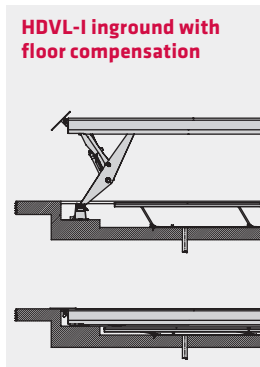
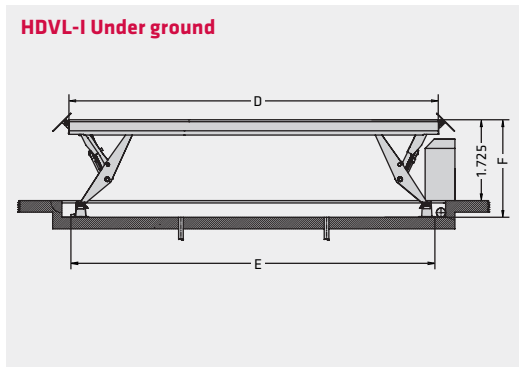
HIGHLIGHTS IN DETAIL



1 In-ground installation is possible. Optional is a floor-leveling 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.



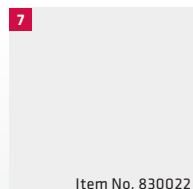
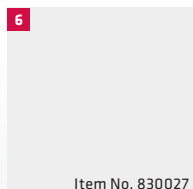
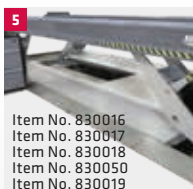
Optionally, additional long access ramps (3.300 mm) make easy driving on the guiding rails possible, even with low-floor vehicles.
Optionally, additional long access ramps (2.510 mm) – placed in the front – make driving over the above-ground lift possible.

Model	HDVL 25			
	80	80-I	100	100-I
Rated load capacity	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
A Ascending height / Rest height	360 mm	-	360 mm	-
B Width of runways	750 mm	750 mm	750 mm	750 mm
C Overall width	2.650 mm	2.650 mm	2.650 mm	2.650 mm
D Length of runways	8.000 mm	8.000 mm	10.000 mm	10.000 mm
E Total length	10.700 mm	8.000 mm	12.700 mm	10.000 mm
F Stroke	2.110 mm	2.110 mm	2.110 mm	2.110 mm
Driving power	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	5.350 kg	5.000 kg	6.550 kg	6.200 kg

Model	HDVL 35							
	90	90-I	100	100-I	120	120-I	130	130-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
A Ascending height / Rest height	360 mm	-	360 mm	-	360 mm	-	360 mm	-
B Width of runways	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm	750 mm
C 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
D Length of runways	9.000 mm	9.000 mm	10.000 mm	10.000 mm	12.000 mm	12.000 mm	13.000 mm	13.000 mm
E Total length	9.000 mm	9.000 mm	12.700 mm	10.000 mm	14.700 mm	12.000 mm	15.700 mm	13.000 mm
F Stroke	2.110 mm	2.110 mm	2.110 mm	2.110 mm	2.110 mm	2.110 mm	2.110 mm	2.110 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	5.700 kg	6.050 kg	6.550 kg	6.200 kg	7.200 kg	6.850 kg	7.500 kg	7.150 kg

HDVL Above ground, HDVL-I Under ground

ACCESSORIES



- 1 Illumination
- 2 Axle jack 13.5 tons
- 3 Axle jack 14 tons, air-hydraulic
- 4 Access ramps 3.300 mm, (ideal for low-floor vehicles), 1 pair
Access ramps 2.510 mm, drive over (above-ground version), 1 pair
- 5 Floor leveling (only useful with strip foundation version)
- 6 Twin control (2 lifts, synchronized or individually controllable)
- 7 Energy set 1 x (230 V socket and compressed air connection below the roadway) IP54"