

Vehicle lifts



Capacity from 5 to 35 t
Road length to 15 m
especially suitable for wash halls

higher capacity, or other
road bright and road length
on enquiry

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Vehicle lifts
in accordance of the EU
regulation 2006/42/EG
and as the EN 1493



STARR E 20 MHR
over floor with ramp



STARR E 5 MHR
as wash stage
built in ground flat



STARR E 20 MHR
as wash stage
built in ground flat



**STARR E 20 MHR
as wash stage
built in ground flat**

**STARR E 15 MHR
as wash stage
built in ground flat**



Construction – and function description STARR E MHR

The electric-hydraulic vehicle lift, STARR E MHR operates with the proven lever arm system. In this case, the both mounting tracks are moved upward with hydraulic cylinder in conjunction with the elevating. Below each track, according to the type of hoist, 2 or 3 cylinders per side are located in the base frame.

The elevating arms are connected with tie rods. So as to obtain uniformity of both tracks during elevation and lowering, these are connected at the front with U iron. There are now disturbing parts between the tracks, which could be in the way of the fitter when working below the raised vehicle. At one road are security flaps integrated, they clack automatic at lifting in protection position., to prevent a rolling up of the lifted vehicle.

The driving unit be made of an in oil case built in hydraulic pump. The three phases A.C. motor are connect with the pump. The magnet valve for lift/lower and the pressure valve are mounted on the pump. These driving parts are in spray water protected case as control unit compound. The electric control built in a separate electric case out of.

The vehicle lift is controlled from a press key, which is installed separately in key combination. Through operate the key up or down, the appropriate moving introducing. On vehicle lifts with a drive motor up to 4 kW, the motor is switched on via a star-delta contactor. Switch off through an Out - key manual or automatically through time relay.

To secure against unintentional dropping (pipe breakage – leaky screw unions), a shut –off valve (controllable) is connected upstream of each hydraulic cylinder. These shut –off valve ensure a perfect safeguard at every elevating height of the lifted load.

To secure against trim and squeeze places of the vehicle hoist get stop the lover movement. Further movement only possible after let go of and against operate the key “DOWN”. The remaining way gets accompany with acoustic signal.

Transport - installation – assembly

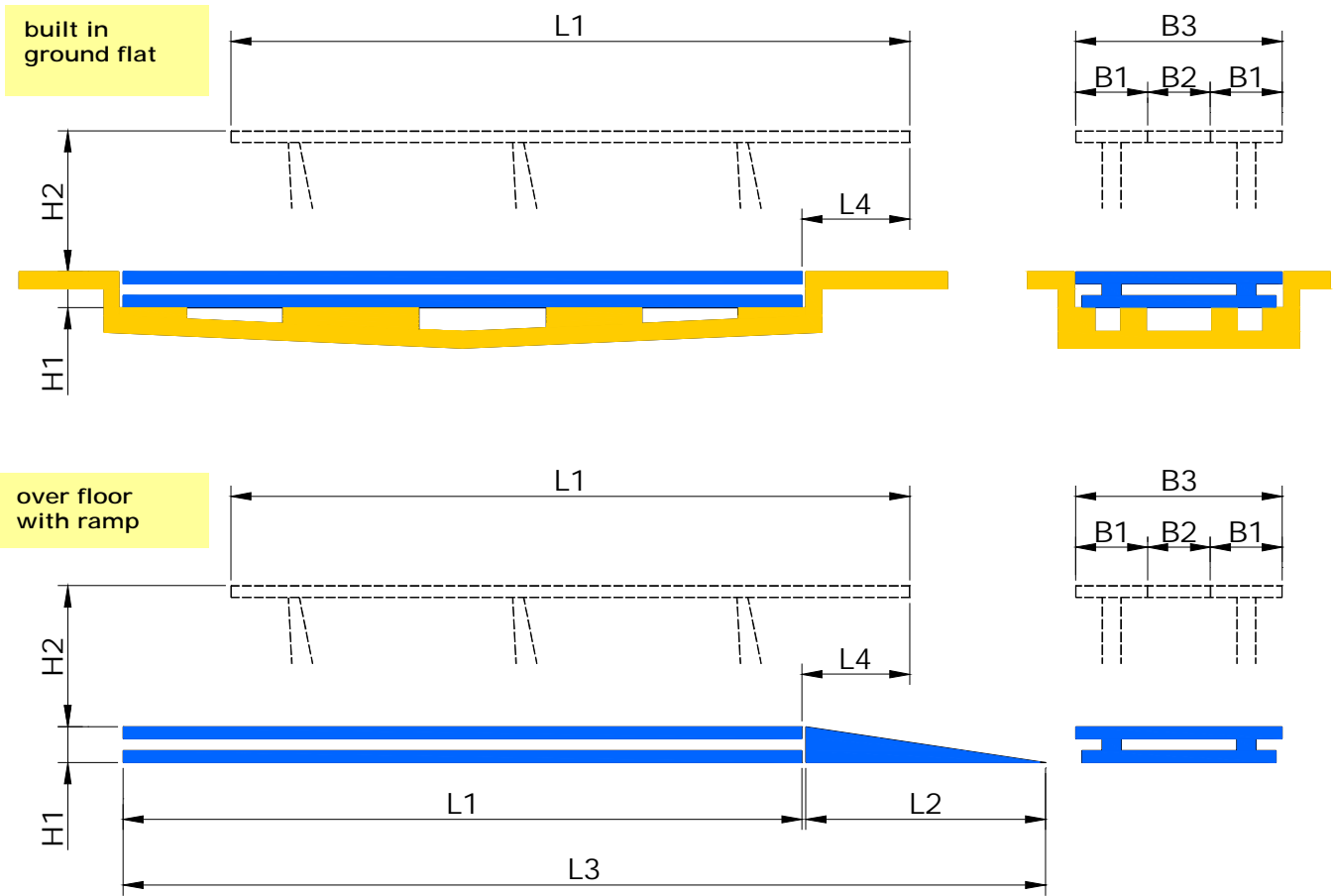
Deliver of the vehicle lift through truck. Our service man disposal for unload and assembly. For this works require an appropriate tyre crane. The connection from the electric mains to the control case of the vehicle lift, take through an electric expert of the enterprise, or through our technician.

In accordance of the EU regulation 2006/42/EG and as the EN 1493 vehicle – lifts.

Guarantee

At conclusion from a maintenance contract, we do full guarantee for 2 years as well as 5 years guarantee of the steel construction (basic frame/ recording/ stroke arms/ grating frame) against corrosion trouble in wet rooms.

Measure sheet Vehicle lift STARR E 5 to 35 MHR



| | | | |
|----------------------------|----------------|----------------|-------------------------------|
| Typ | STARR E 5 MHR | STARR E 8 MHR | STARR E 10 MHR |
| Capacity | 5 000 kg | 8 000 kg | 10 000 kg |
| Stroke speed | 3,6 cm/s | 2,0 cm/s | 1,9 cm/s |
| Lower speed | 3,8 cm/s | 3,0 cm/s | 3,3 cm/s |
| E-connection 400 V 3 phase | 4 kW | 4 kW | 5,2 kW |
| L1 | 5 000 mm | 6 500 mm | 8 500 mm |
| L2 | 2 000 mm | 3 000 mm | 3 000 mm |
| L3 | 7 000 mm | 9 500 mm | 11 500 mm |
| L4 | 940 mm | 1 100 mm | 1 350 mm |
| H1 | 300 mm | 420 mm | 420 mm |
| H2 | 1 600 mm | 1 460 mm | 1 640 mm |
| B1 | 700 mm | 700 mm | 795 mm |
| B2 | 1 000 mm | 1 000 mm | 985 mm |
| B3 | 2 400 mm | 2 400 mm | 2 575 mm |
| Typ | STARR E 15 MHR | STARR E 20 MHR | STARR E 30 MHR STARR E 35 MHR |
| Capacity | 15 000 kg | 20 000 kg | 30 000 kg 35 000 kg |
| Stroke speed | 2,7 cm/s | 2,7 cm/s | 1,6 cm/s |
| Lower speed | 3,5 cm/s | 3,5 cm/s | 3,1 cm/s |
| E-connection 400 V 3 phase | 11 kW | 11 kW | 11 kW |
| L1 | 8 500 mm | 8 500 mm | Road length 10 000 mm |
| L1 | 10 000 mm | 10 000 mm | Total length 11 000 mm |
| L1 | 15 000 mm | 15 000 mm | |
| L2 | 3 000 mm | 3 000 mm | 3 000 mm |
| L3 | L1+L2 mm | L1+L2 mm | 14 000 mm |
| L4 | 1 350 mm | 1 350 mm | 1 030 mm |
| H1 | 420 mm | 420 mm | 480 mm |
| H2 | 1 660 mm | 1 660 mm | 1 450 mm |
| B1 | 795 mm | 795 mm | 930 mm |
| B2 | 985 mm | 985 mm | 1 110 mm |
| B3 | 2 575 mm | 2 575 mm | 2 970 mm |

Measure for vehicle lifts with more capacity at your enquire
for vehicle lift built in ground flat demand plan of foundation
Technical change reserved