



Liftparker Mobile

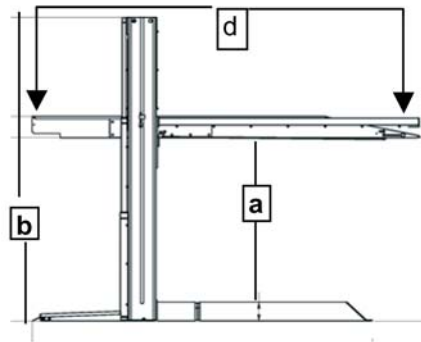
Parking and temporary storage
of vehicles up to 3200 kg

Area of application:

private parking, car dealers, car rental areas and car repair workshops

The Liftparker Mobile is a Storeparker for dependent parking on 2 levels, above ground. The system is available as an Indoor- and as an Outdoor - solution. The parking concept has a horizontal, stable platform, on which a vehicle can be lifted. The lower parking level is directly on the ground.

- a) vehicle overhead clearance
- b) system height
- d) platform length

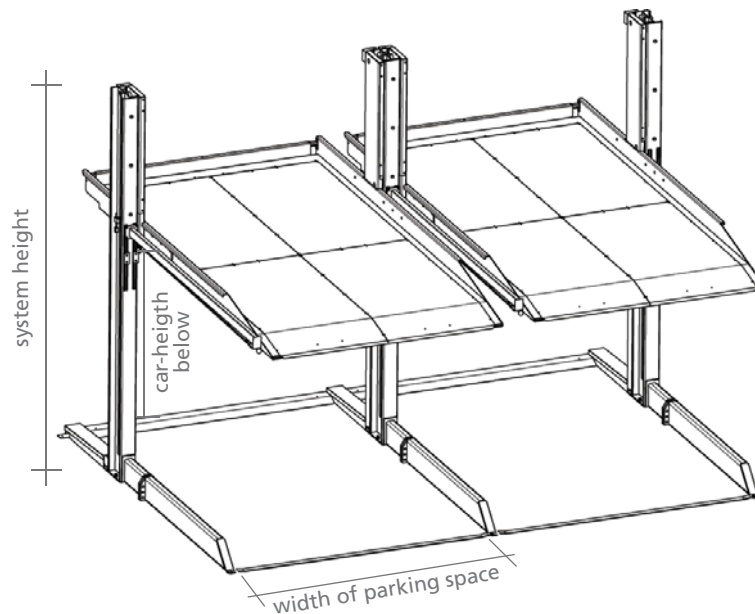


Vehicle height

LPM Low = a) 176cm and b) 320cm and d) 418cm

LPM High = a) 210cm and b) 353cm and d) 418cm

LPM Van = a) 280cm and b) 428cm and d) 418cm



width of space (cm)	raster inner (cm)	raster outer (cm)	vehicle weight (kg)	vehicle weight (kg)
230	260	268	2500	3200
214	244	252	2500	3200
200	230	238	2500	3200

Record-breaking installation time

Modular placement

The systems are built modular. I.e. the first segment consists of one primary column with lifting carriage and platform. Each further segment is arranged in the same principle. The last segment finalizes with an end column.

Mobile park concept

The system can be dismantled quickly and set up in another location with ease.

Low requirements on the ground surface

With low requirements on the ground surface the system offers a high flexibility at the choice of location. The floor plate should be covered for a minimum load of 30 N./cm².

The Liftparker Mobile extends itself beyond the competitive products, and others by the short installation time.

Simple installation through "pre-assembled" delivery:

The systems are delivered "pre-assembled" per segment. The platforms are complete and only to be connected with the machine columns, incl. column foot. Electrical and hydraulic connections must be attached.

The hydraulic connections between the two separate located segments, must be connected with hydraulic pipes, which will be adapted on the spot. For other connections, only pre configured pipes will be used; installation through the integrated channels of the basic construction.

The electrical installation between the two separate located segments has to connect with the vacant pipes. For all other connections, the electrical wiring must be installed through the integrated channels of the basic constructions.

Features in the scope of supply



Key switch

Key switch incl. emergency stop, dead man's control type with brief operating instructions and wiring to hydraulic unit.



Hydraulic unit



Hydraulic unit "Silencio" with tubing and wiring to the installation. The oil submerged motor "Silencio" is extremely quiet and smooth running. The motor-pump assembly is sound absorbent.

We recommend, according to the access times, to use max. 10 segments with one hydraulic.

Location

According to the local requirements – preferable placed near the rear columns/ cylinders

Dimensions LxWxH

Hydraulic unit: ca. 60cm x 22cm x 40cm
Switch cabinet: ca. 60cm x 22cm x 80cm

Scope of supply

System with column(s), lifting platform and 2 lifting carriages. Completely with hydraulic driving elements and electrical control elements.

Width of parking space

Width of parking space 230cm and vehicle weight 2500kg as standard

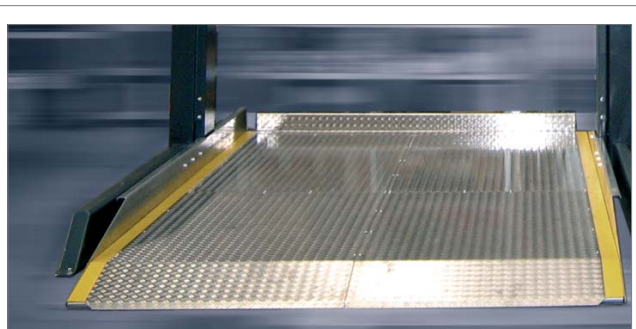
Safety devices

- lockable main switch
- operate over the key switch (lifting, lowering): protection against unauthorized use
- emergency stop switch: protection against imminent danger
- pressure control valve: protection against over pressure of the hydraulic system
- plug protection for the lifting platform above
- chains for synchronization on the right and left side
- ground stripes for safe distance

Protection against corrosion

The substructure and the side carriers of the platform are zincd; the zinc-thickness is on both sided 275 g/m². This corresponds to a layer thickness of at least 20 mm acc. to EN 10142/10143.

The side carriers, the columns and the carrier for the key-operated switch are powder-coated, with RAL 7016, anthracite coal-grey.



Driving plates

Alu-bulb-plate even more user friendly when going and cruise the system.

Extra Equipment and Options



Roofing

The roof protect against solar radiation, snow, etc. and is a visual eye-catcher. The roof can be fixed directly on the columns of the system.



Ramp

As an additional support to drive on the upper lifting platform a ramp can be provided when required.

Width of parking space

Width of parking space 214cm and 200cm

Vehicle weight

Optional vehicle weight: 3200kg

Additional sound insulation

- structure-borne noise package to comply with DIN 4109 and adherence to sound insulation-measure R_w '57
- sound insulation hood to minimize airborne sound

Protection against corrosion

- Corrosion protection version „Premium“ of driving plates by individual piece-galvanizing to DIN ISO 1461
- Corrosion protection version „Premium Plus“ of driving plates by individual piece-galvanizing to DIN ISO 1461 and coating of the top surfaces

Tips

- We recommend a maintenance contract.
- Attendance and cleaning according to recommendations or in regular intervals.

Project in San Francisco

81 segments for 162 parking spaces • Valet-Parking in San Francisco, USA



In March 2007, 81 segments Liftparker Mobile for 162 parking spaces in San Francisco, USA have been installed in the Outdoor-area.

“Valet-Parking” describes parking a vehicle by a car park employee. The vehicle and the key will submit to a person, authorized for this, in a central authority from the owner. This person parks the car on behalf of the owner and demonstrates it for the continuation of the journey once more on request.

System data per segment

System width	
raster inner	244cm
raster outer	252cm
system height without roof	350cm
system height with roof	465cm

Vehicle data

width of parking space	214cm
car-height below	210cm
car-height above	210cm
vehicle weight	3200kg
vehicle length	The car length is bounded by the wheel distance. Wheel distance up to 375cm are allowed.