

Data Sheet WÖHR Parklift 452-2.0

Special drive through solution to access rear parking

Single units: 2 cars

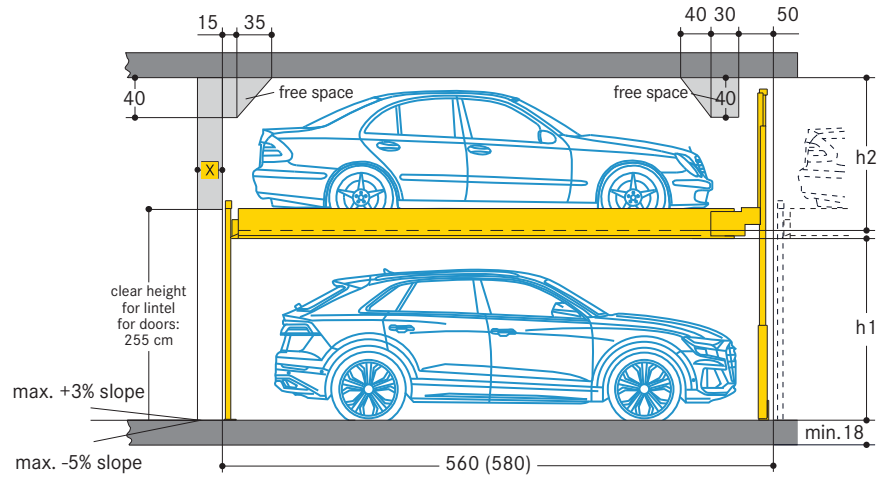
Platform load options:

- max. 2000 kg, load per wheel 500 kg

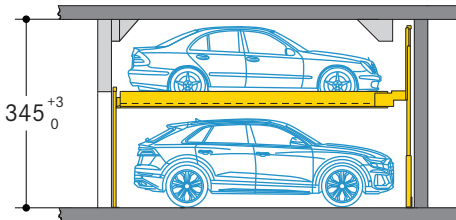
Dependent parking

X If doors are applicable, please contact WÖHR for details

Dimensions in cm



Standard type



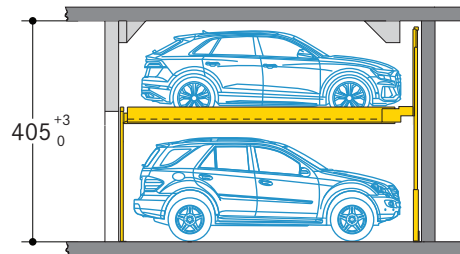
Standard type	Car height	Distance
UL*	Saloon/estate cars up to 150 cm	h2=153
EL*	Saloon/estate cars up to 175 cm	h1=180

With an increase in headroom available, correspondingly taller cars will be able to park on the upper platform.

* UL = Upper Level, EL = Entrance Level

Please attend to restricted car heights on upper platforms !

Comfort type



Comfort type	Car height	Distance
UL*	Saloon/estate cars up to 175 cm	h2=178
EL*	Saloon cars and vans up to 210 cm	h1=215

With an increase in headroom available, correspondingly taller cars will be able to park on the upper platform.

* UL = Upper Level, EL = Entrance Level

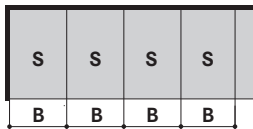
Please attend to restricted car heights on upper platforms !

Width Dimension

Single unit
(2 cars)



Row arrangement



The driving isle width must comply with local regulations

Space required B	Gives clear platform width
230	200
240	210
250	220
260	230
270	240
280	250
290	260
300	270

Notes

1. Car length max. 500 cm with an installation length of 560 cm. Car width max. 190 cm. In case of special platform widths narrower than 230 cm respectively, the maximum vehicle width is reduced accordingly.
2. For very larger cars an installation length of 580 cm is recommended. This length offers larger safety distances for potential future development. Installation length of min. 580 cm for projects with short-term parkers such as hotels or similar.
3. For 2 to 3 systems arranged one behind the other, min. platform width 250 cm.
4. According to ISO 3864 the floor has to be marked with 10 cm wide yellow-black stripes at a distance of 100 cm from the platform edge by the purchaser (see "statics and construction requirements" on page 2).
5. It is not possible to have channels or undercuts and/or concrete haunches along the floor-to-wall joints. In the event that channels or undercuts are necessary, the system widths need to be reduced or the installation width need to be wider.
6. The manufacturer reserves the right to modify or alter above specifications.

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Width dimensions and statics

All dimensions shown are minimum. Constructional tolerance must be taken into consideration. All dimension in cm.

Section



() dimensions in brackets for longer units
 * dimensions for standard type
 ** dimensions for comfort type

P1 = +10.0 kN
 P2 = +9.0 kN
 P3 = ±0.5 kN
 P4 = ±1.0 kN

All static loadings include the weight of the car.

Bearing loads are transmitted by wall plates with min. 30 cm surface and to the floor by base plates with min. 350 cm surface.

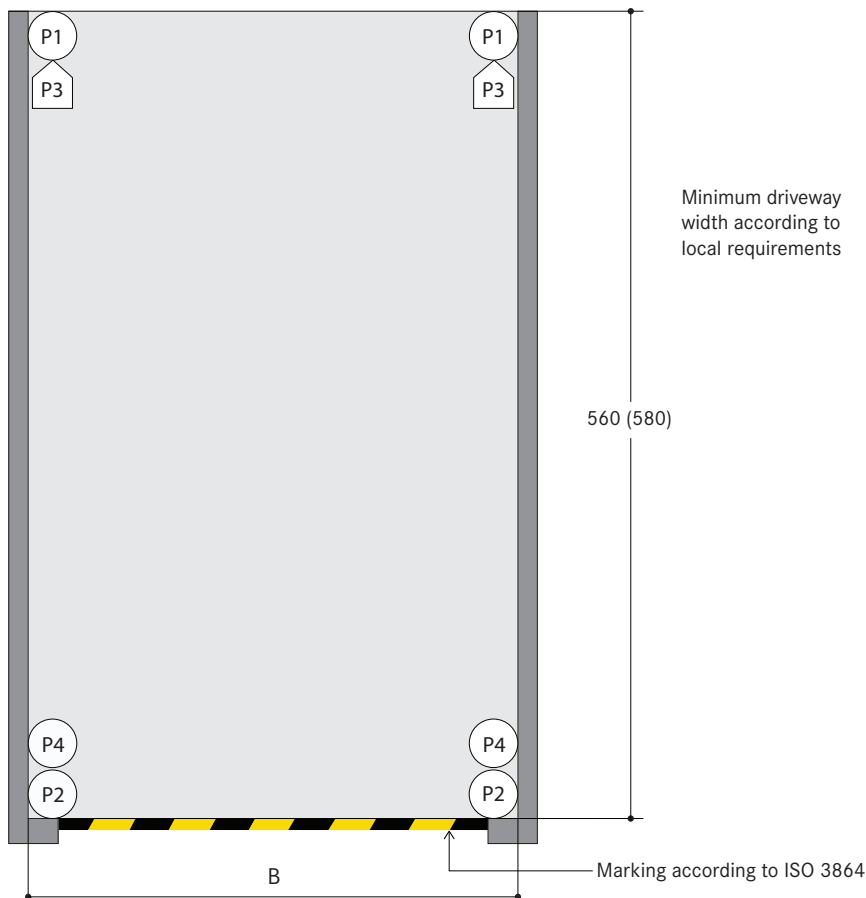
Wall and base plates will be fixed by heavy duty anchor bolts to a drilling depth of 10 - 12 cm. When fixing to the waterproof concrete floors, chemical anchors are employed (to be advised by WÖHR).

Base plate thickness min. 18 cm. Rear wall and base plate must be formed of concrete and must have a flat surface without protrusions.

Concrete quality according to the static requirements of the building, but for the dowel fastening, we require a concrete quality of min. C25/30.

The specified lengths to the support points are mean values. Please contact WÖHR agent for exact positions for any variations on the standard units.

Ground plan



Minimum driveway width according to local requirements

560 (580)

B

Marking according to ISO 3864

