

Data Sheet Wöhr Combilift 552-2,0

Special solution for driving through to reach a rear parking

Suitable for condominium and office buildings.
For permanent user only!

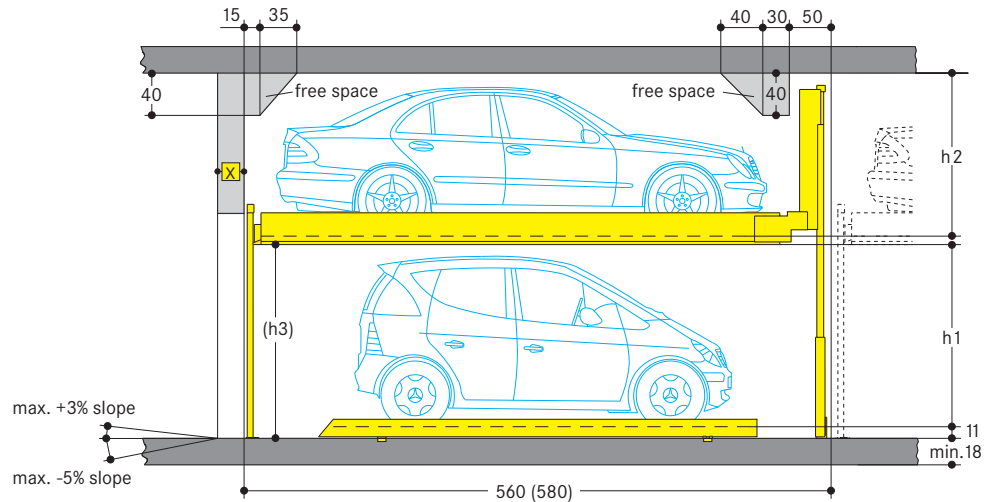
In case of short time user (e.g. for offices, hotels, a.s.o.) technical adjustments are required. Contact WÖHR!

Platforms are in horizontal position to drive on.

Load per platform max. 2000 kg
(load per wheel max. 500 kg)

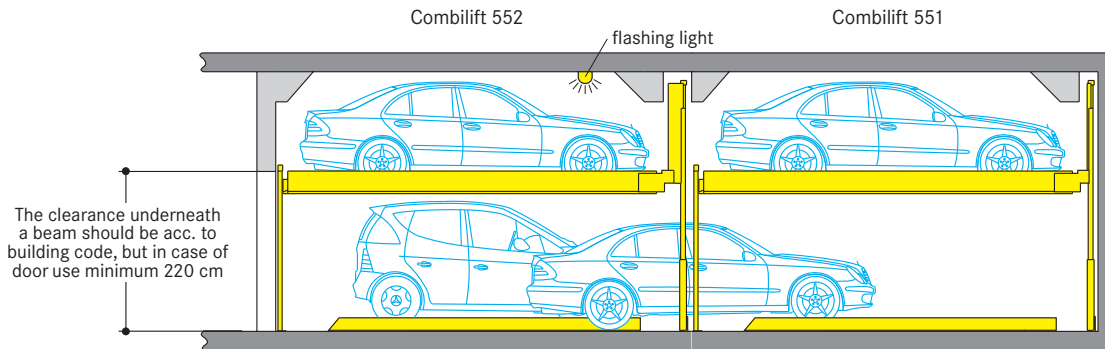
X = If doors are applicable please contact WÖHR for details.

Dimensions in cm

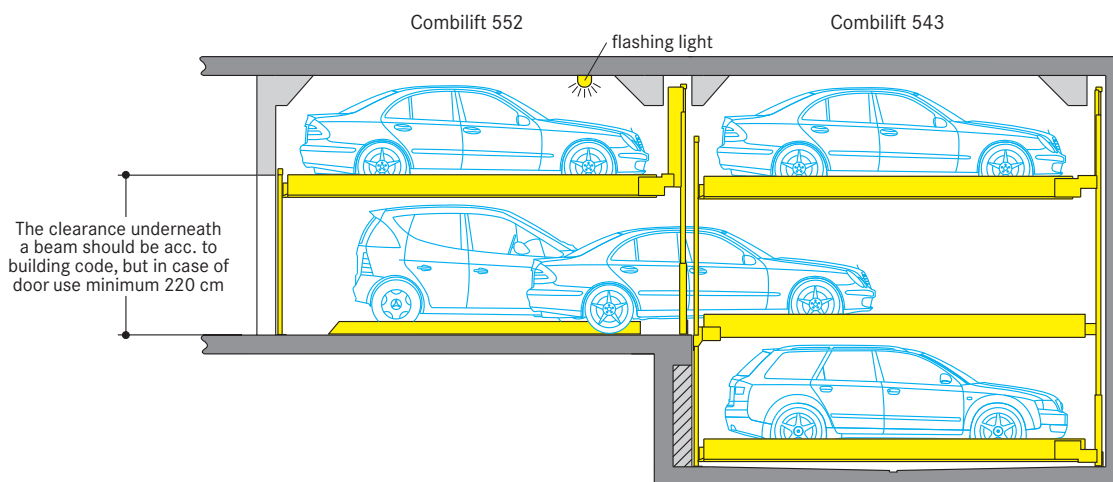


Width and height dimensions as well as further details for the building structure – see data sheet Combilift 551.

Design proposal: Combilift 552/Combilift 551 one behind the other



Design proposal: Combilift 552/Combilift 543 (542) one behind the other



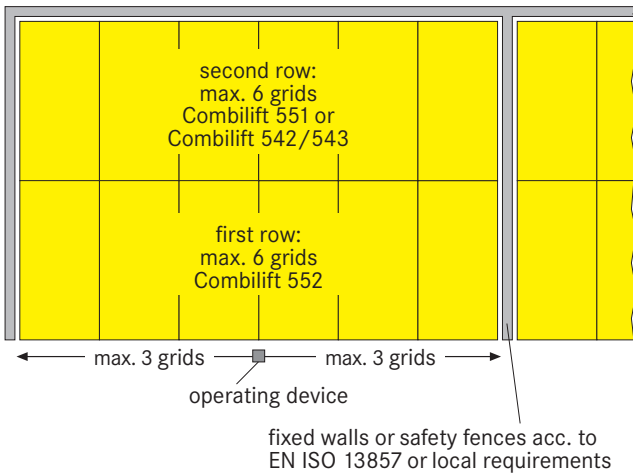
Notes

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 large cars an installation length of 580 cm is recommended. This length offers larger safety distances for potential future developments. Installation length of min. 580 cm for projects with short term parkers such as hotels or similar.
3. For 2 or 3 row arrangement min. platform width 250 cm.
4. For arrangement with Combilift 543 (542) doors are required.
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 width needs to be reduced or the installation width needs to be wider.
6. The manufacturer reserves the right to modify or alter above specifications.

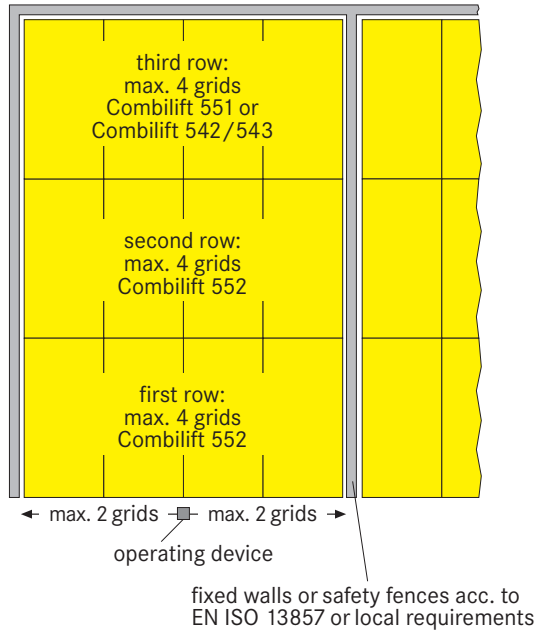
Grid arrangement

To guarantee visibility and for safety reasons, please consider the following maximum grid arrangement for 2 or 3 rows one behind the other.

2 rows one behind the other



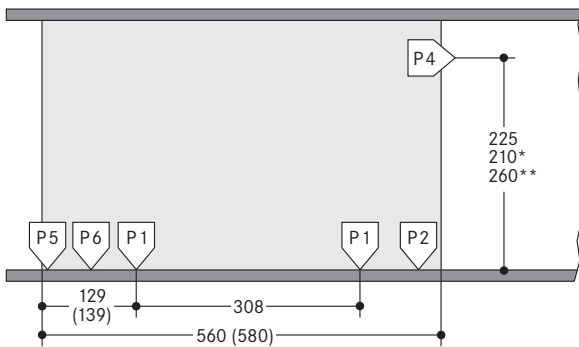
3 rows one behind the other



Width dimensions and statics

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

Section



() dimensions in brackets for longer units

* dimensions for economic type

** dimensions for comfort type

P1 = + 6,0 kN¹⁾

P2 = + 10,0 kN

P4 = ± 0,5 kN

P5 = ± 9,0 kN

P6 = ± 1,0 kN

¹⁾ all static loadings include the weight of the car

Bearing loads are transmitted by wall plates with min. 30 cm² surface and to the floor by base plates with min. 350 cm² surface.

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

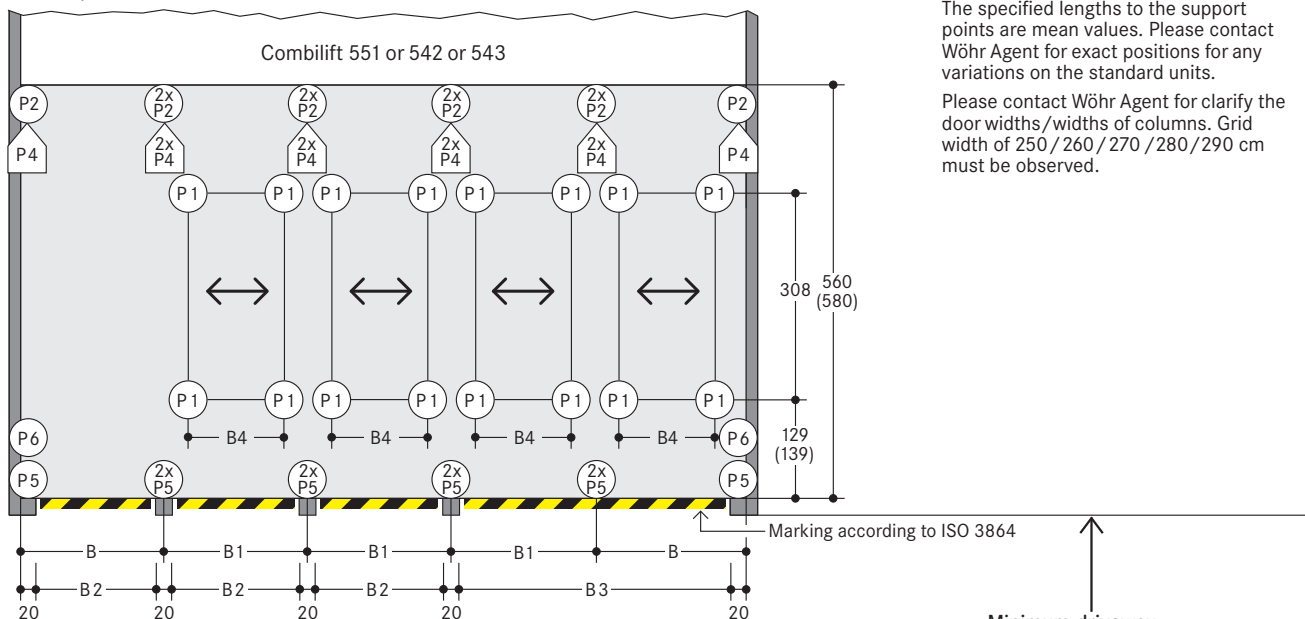
Base plate thickness min. 18 cm. Rear wall and base plate must be formed of concrete and must have a flat surface without protrusions.

Concrete quality according to the static requirements of the building, but for the dowel fastening we require a concrete quality of min. C20/25.

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

Please contact Wöhr Agent for clarify the door widths/widths of columns. Grid width of 250/260/270/280/290 cm must be observed.

Ground plan



Space required				gives clear platform width	
B	B1	B2	B3	EL (B4)	UL
260	250	230	480	207	230
270	260	240	500	217	240
280	270	250	520	227	250
290	280	260	540	227	260
300	290	270	560	227	270

Minimum driveway width according to local requirements