

Data Sheet Wöhr Combilift 551-2.0

Suitable for condominium and office buildings.
For permanent use only!*

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

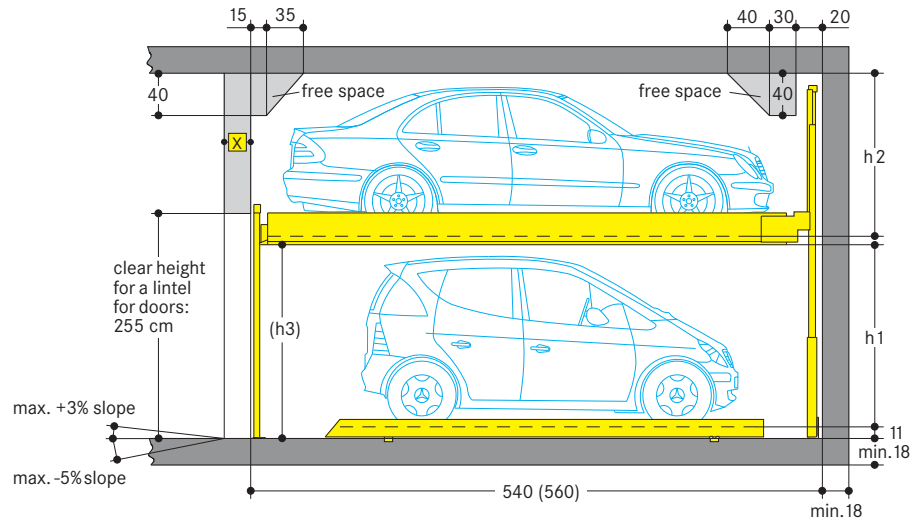
Platforms are in horizontal position to drive on.

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

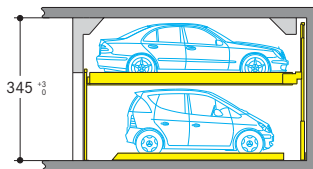
Special reinforced units for higher platform loadings are available (see 551-2.6)

X = to be clarified with door supplier.

Dimensions in cm



Standard type 551 · 2000 kg



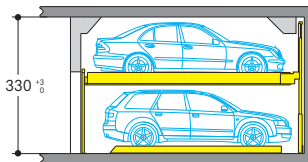
	car height	distance
UL*	saloon/estate cars up to 150 cm	h2 = 153
EL*	saloon/estate cars up to 165 cm	h1 = 170

With the greater h2 height, higher cars can be parked. The car height must not exceed 165 cm.
Access height h3 = 181 cm.

* UL = upper level, EL = entrance level

Please attend to restricted car heights on upper platforms!

Economic type 551 · 2000 kg

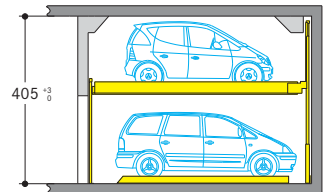


	car height	distance
UL	saloon/estate cars up to 150 cm	h2 = 153
EL	saloon/estate cars up to 150 cm	h1 = 155

Access height h3 = 166 cm.

Please attend to restricted car- and platform distance height!

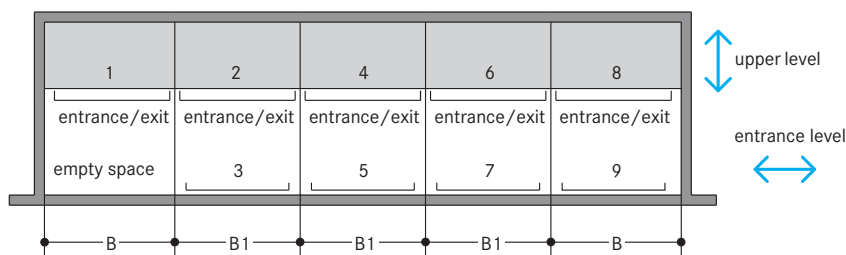
Comfort type 551 · 2000 kg



	car height	distance
UL	saloon/estate cars up to 175 cm	h2 = 178
EL	saloon cars and vans up to 200 cm and max. 2000 kg	h1 = 205

With the greater h2 height, higher cars can be parked. The car height must not exceed 200 cm.
Access height h3 = 216 cm.

Width dimensions



In each grid a entrance/exit is necessary.

Space required	gives clear platform width UL	gives clear platform width EL
B 260	B1 250	230
270	260	240
280	270	250
290	280	260
300	290	270

* the space to get in and out of the car for platforms in entrance level is increased by 35 cm driver side.

Notes

- For standard version no doors are necessary. Doors can be installed either for manual or automatic opening.
- Arrangements start with 2 grids for 3 cars, 3 grids for 5 cars.
- Car length max. 500 cm with an installation length of 540 cm, car width 190 cm. In case of special platform widths narrower than 230 cm respectively, the maximum vehicle width is reduced accordingly.
- For very large cars an installation length of 560 cm is recommended. This length offers larger safety distances for potential future developments or projects with short term parkers such as hotels or similar.
- In front of each grid a 10 cm wide, yellow-black marking according to ISO 3864 has to be provided by the purchaser (see "statics and construction requirements" on page 3).
- 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.
- The manufacturer reserves the right to modify or alter above specifications.

Evenness tolerances

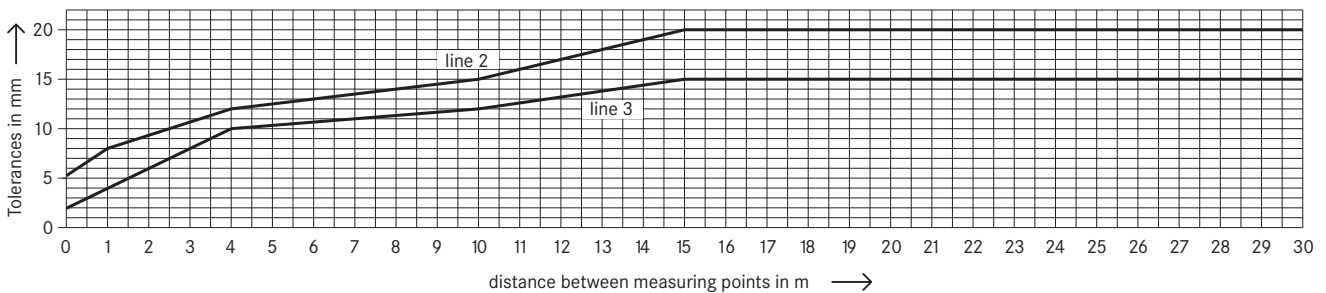
According to EN 14010 the danger of trapping between nonparallel platforms edges and the ground has to be prevented. The distance between the lower flange of the platforms and the garage ground must therefore not exceed 2cm.

To adhere to the safety regulations and to get the necessary even ground, the tolerances of evenness to DIN 18202, table 3, line 3, must not be exceeded. Therefore exact levelling of the ground by the client is essential.

Abstract from DIN 18202, table 3

column	1	2	3	4	5	6
line	reference	Vertical measurements as limits in mm with measuring points distances in m to*				
		0,1	1	4	10	15
2	Unfinished to surface of covers, subconcrete and subsoils for higher demands, e.g. as foundation for cast plaster floor, industrial soils, paving tiles and slabstone paving, compound floor paving. Finished surfaces for minor purposes, e.g. warehouses, cellars	5	8	12	15	20
3	Finished grounds, e.g. floor pavement serving as foundation for coverings. Coverings, tile coverings, PVC flooring and glued coverings.	2	4	10	12	15

* Intermediate values are to be taken out the diagram and must be rounded-off to mm.



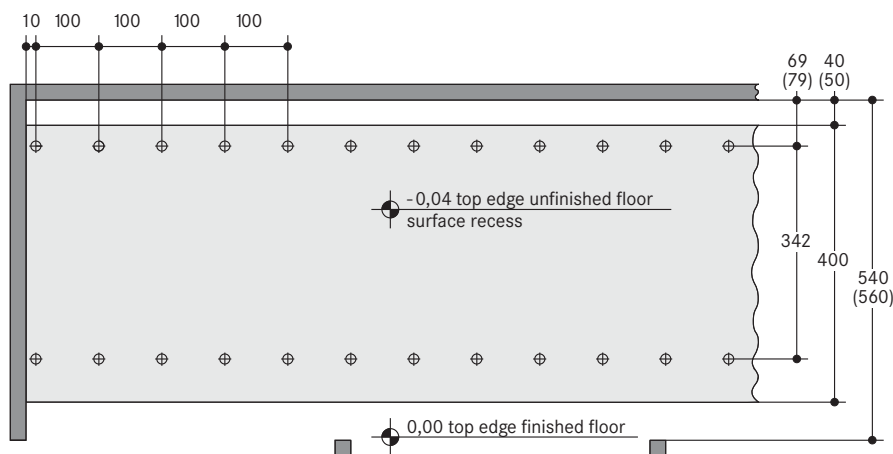
Check points

The evenness of a surface is checked independently of its position and slope by bore hole gauges between two check points on the surface. WÖHR normally make a random test using single measurements in case of obviously inaccurate surfaces.

For uniform examination of the evenness of the ground surface the following points are defined as measuring and check points:

- for surface recess
- for finished floor.

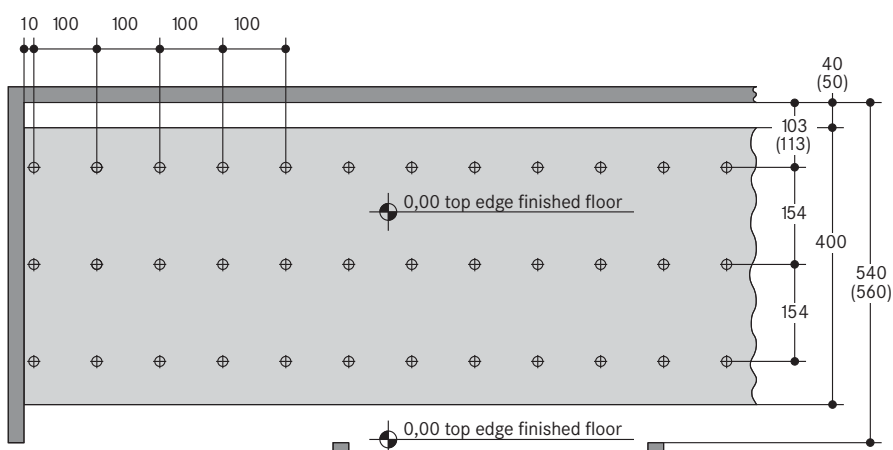
a) Layout for surface recess width 4m



⊕ Measuring points at 100 cm points for checking the unevenness acc. to DIN 18202, table 3, line 2, or acc. diagram

() dimensions in brackets for increased length

b) Layout for finished floor after placing floor pavement



⊕ Measuring points at 100 cm points for checking the unevenness acc. to DIN 18202, table 3, line 3, or acc. diagram

() dimensions in brackets for increased length

