



Data Sheet Wöhr Combilift 553

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!

** In case the installation is indoor, please consider the head room. For outdoor installation the measurement equates to the roof system.

Platforms are in horizontal position to drive on.

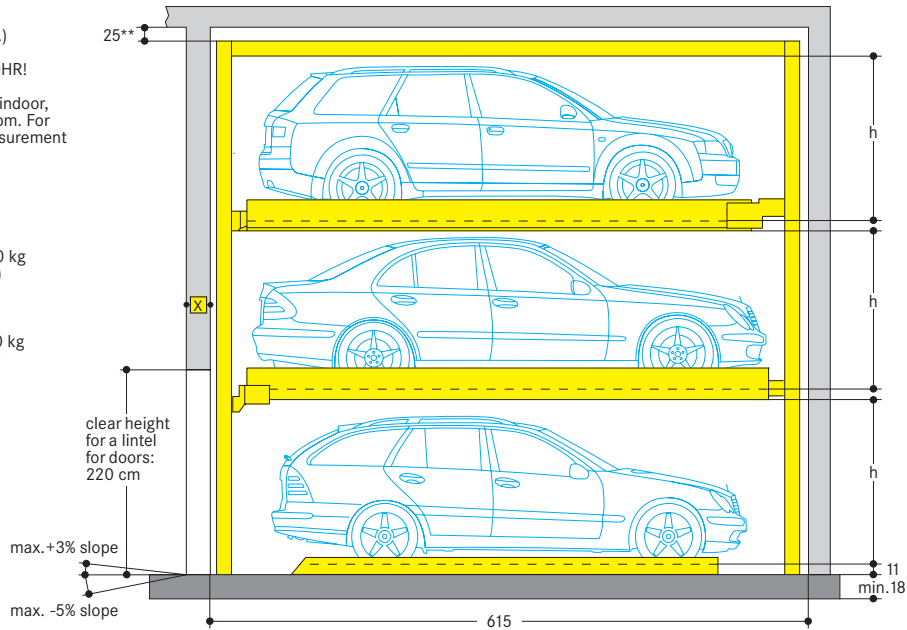
Combilift 553-2,0:
Load per platform max. 2000 kg
(load per wheel max. 500 kg)

or

Combilift 553-2,6:
Load per platform max. 2600 kg
(load per wheel max. 650 kg)

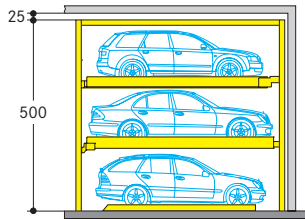
X = to be clarified with door supplier.

Dimensions in cm



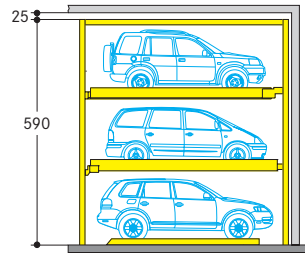
Compact type 553

Please attend to restricted car- and platform distance height!



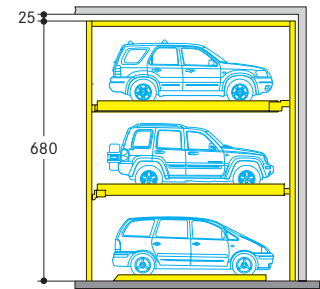
car height
saloon/estate cars up to 150 cm
distance
h = 155

Standard type 553



car height
saloon cars and vans up to 180 cm
distance
h = 185

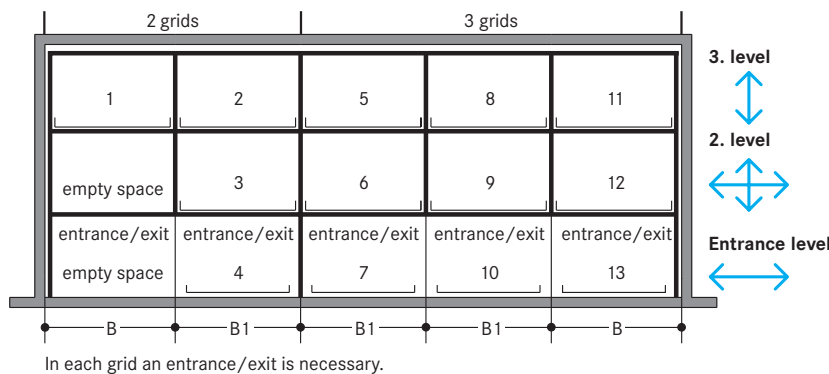
Comfort type 553



car height
saloon cars and vans up to 210 cm
distance
h = 215

The car height must not exceed 200 cm in case of doors shall be provided.

Width dimensions



Space required	B	B1	gives clear platform width 2./3. level	gives clear platform width entrance level
265	250		230	207*
275	260		240	217*
285	270		250	227*
295	280		260	227*
305	290		270	227*

* 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 4 cars, 3 grids for 7 cars, a.s.o.
- Car length max. 520 cm with an installation length of 615 cm. Car width 190 cm. For special platform widths less than 230 cm the maximum vehicle width is reduced accordingly.
- 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).
- The manufacturer reserves the right to modify or alter above specifications.



Evenness tolerances

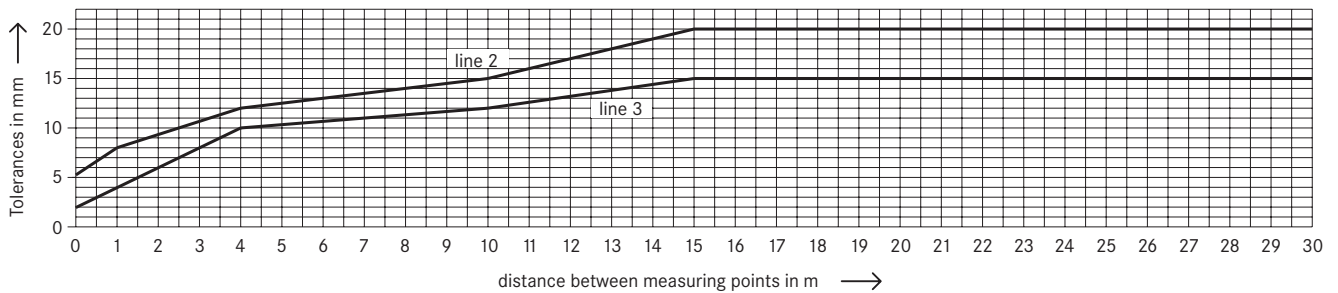
According to EN 14010 the danger of trapping between nonparallel platforms edges and the ground has to be prevented. The distance between the lower flange of the platforms and the garage ground must therefore not exceed 2cm.

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.



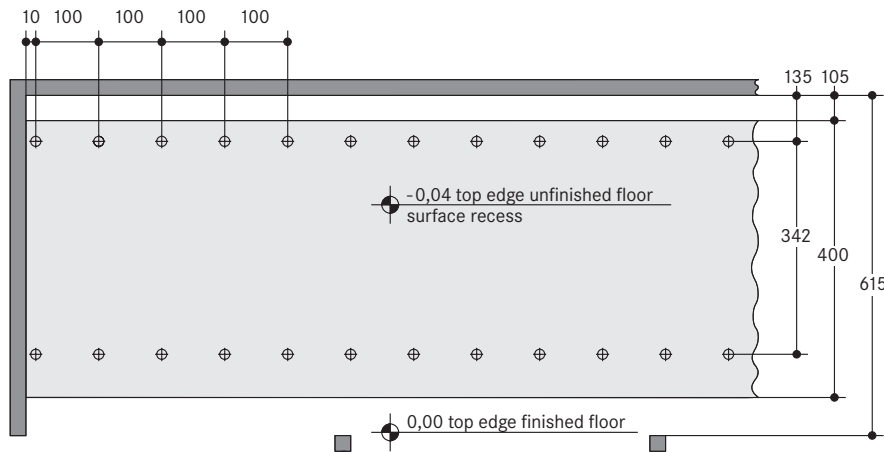
Check points

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 makes 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:

- a) for surface recess
- b) for finished floor.

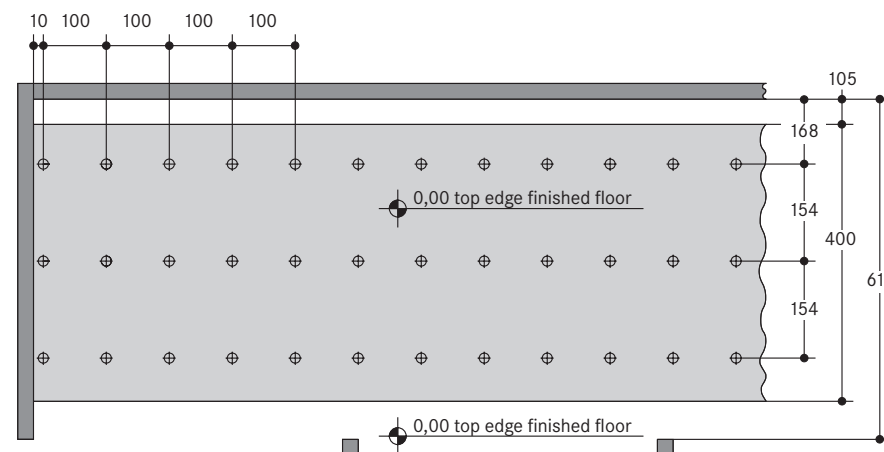
a) Layout for surface recess width 4m



⊕ 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

