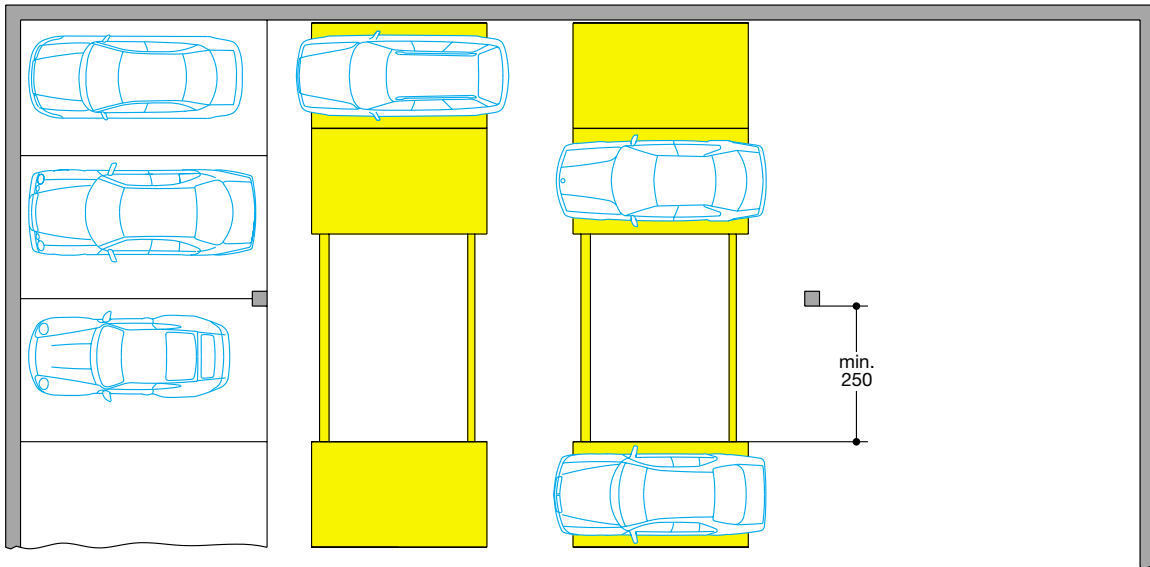
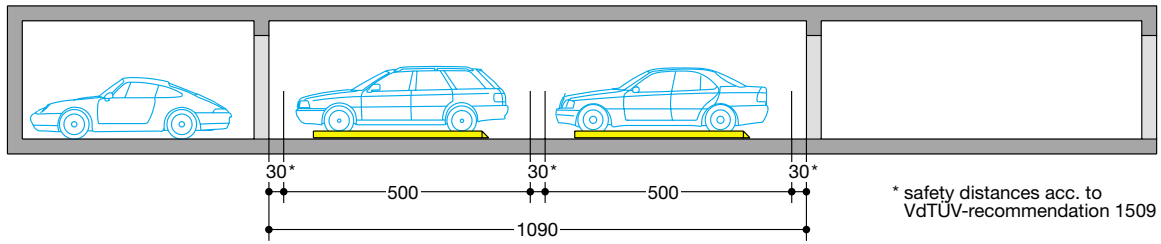
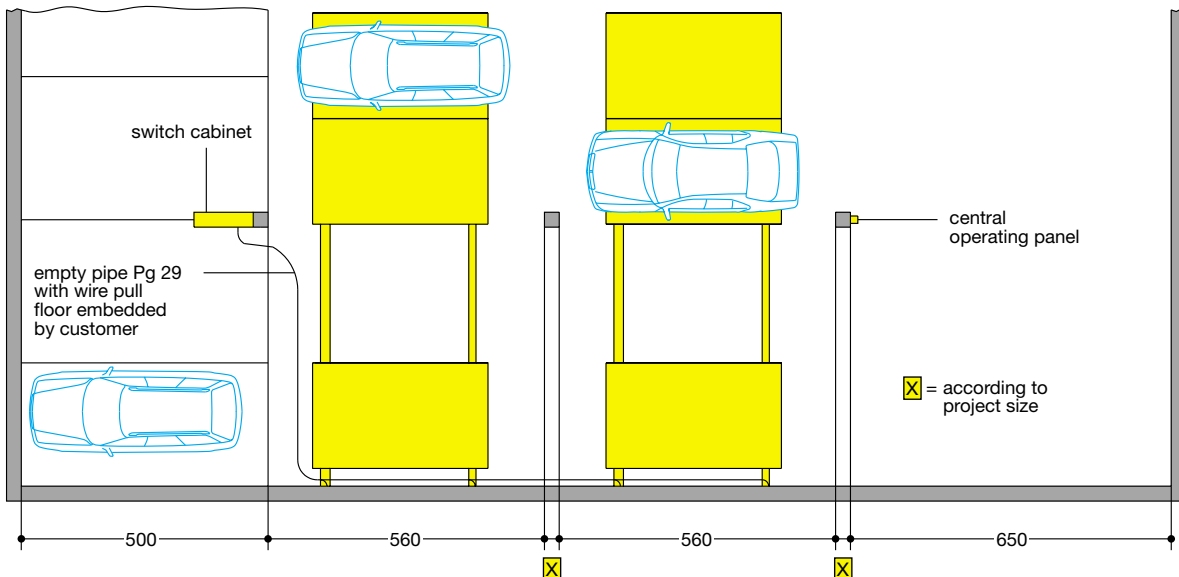


Dimensions in cm. Load per parking place max. 2000 kg (max. wheel load 500 kg).



### Arrangement with columns between the platform rows



### Notes

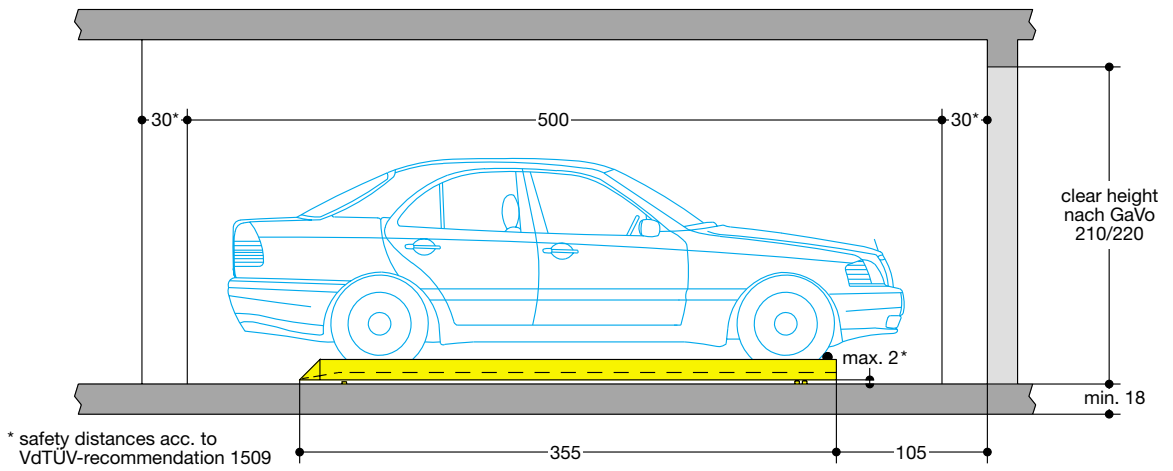
1. According to VdTUV-recommendation Conveyor Technologie 1509 a 30 cm safety distance must be provided between the front and rear bumpers of cars being parked on the parking platforms and fixed parts of the environment, e.g. columns, or other cars. Considering a max. car length of 500 cm, the resultant distance between the columns must be 560 cm. This distance may only be reduced with the consequence of shortened max. car length or parking place length, or by introducing light barriers.
2. The operating panel has to be installed at a place, where the whole shiftway can be viewed.
3. The manufacturer reserves the right of modify or alter above specifications.

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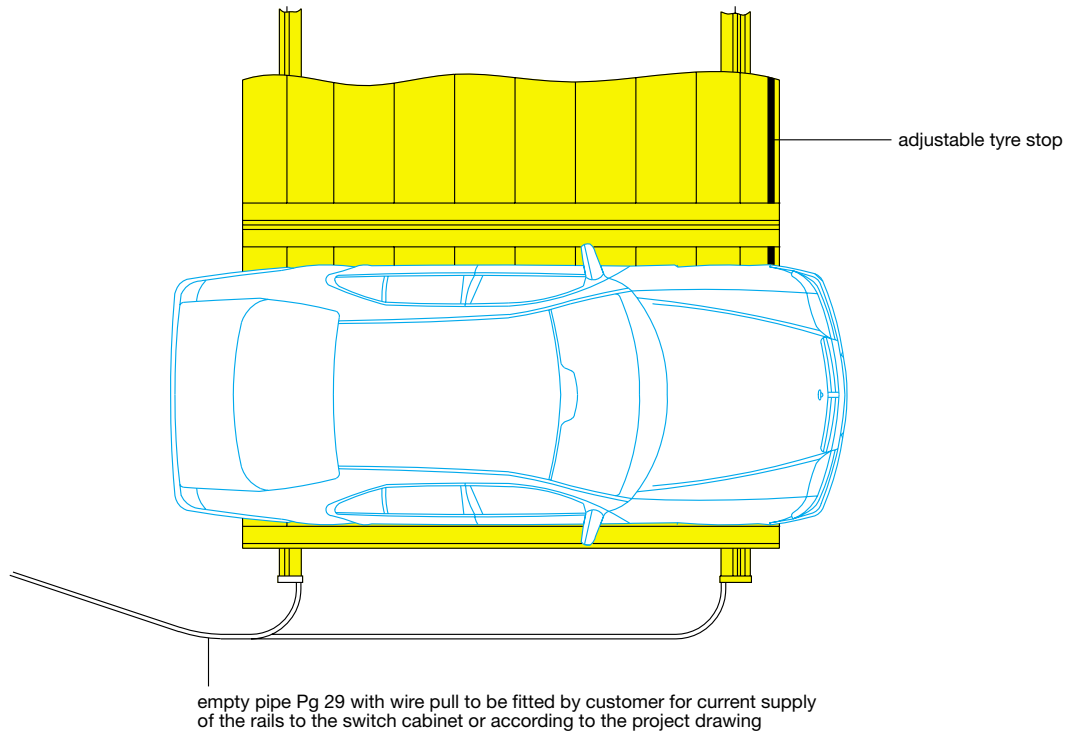
# Dimensions of Parking Platform

Dimensions in cm. Scale 1:50

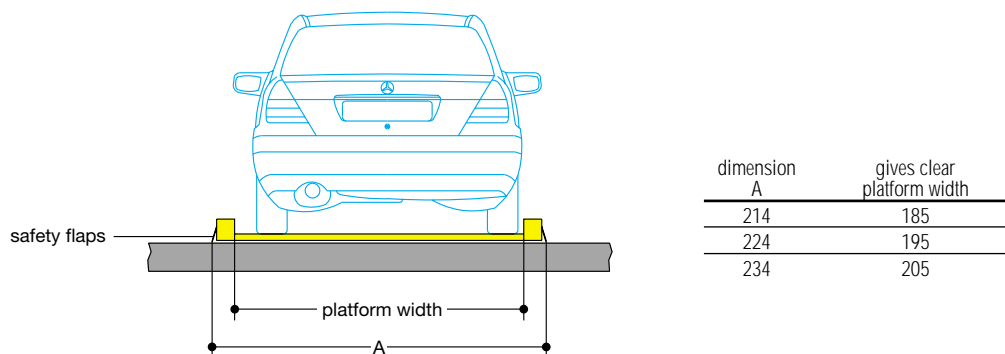
## Section



## Top view



## Rear view



## Evenness and tolerances

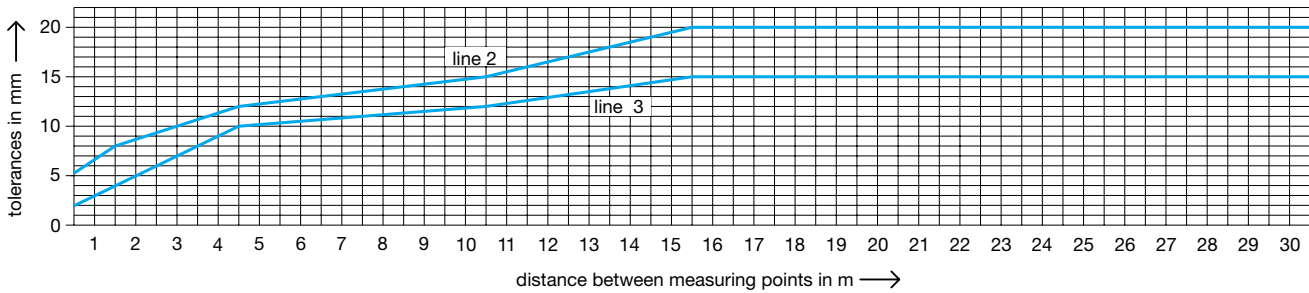
According to safety regulations and VdTÜV/CEOC recommendations the danger of trapping between nonparallel platforms edges and the ground has to be prevented. The distance between the lower flange of the platforms and the garage ground must therefore not exceed 2 cm.

To adhere to the safety regulations and VdTÜV/CEOC recommendations 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, cellar.	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.



## Measuring points

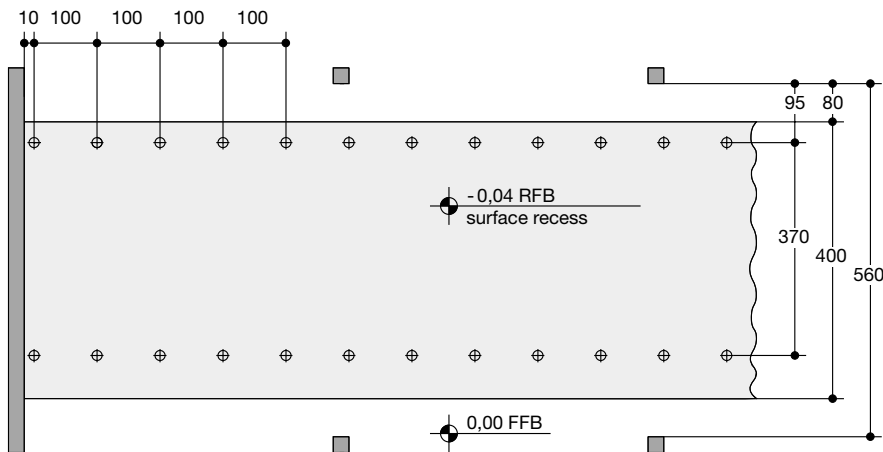
The evenness of a surface is checked independently of its position and slope by bore hole gauges between two check points on the surface.

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:

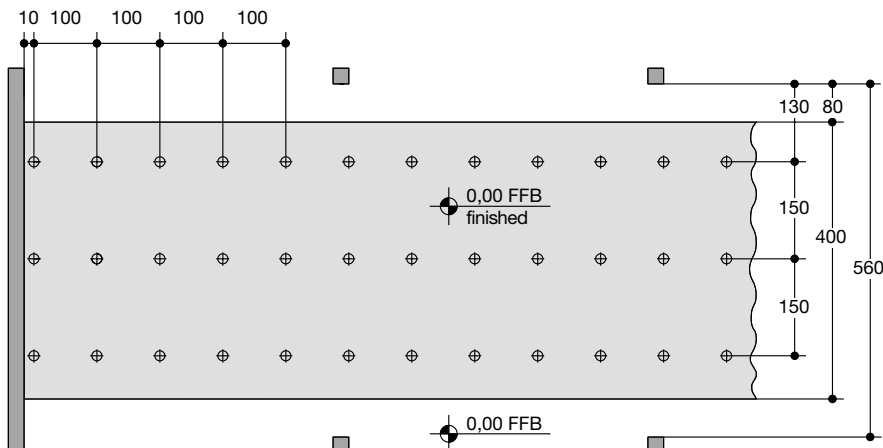
- a) for surface recess
- b) for finished floor

### a) Layout for surface recess width 400 cm



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

### b) Layout for finished floor after placing floor pavement

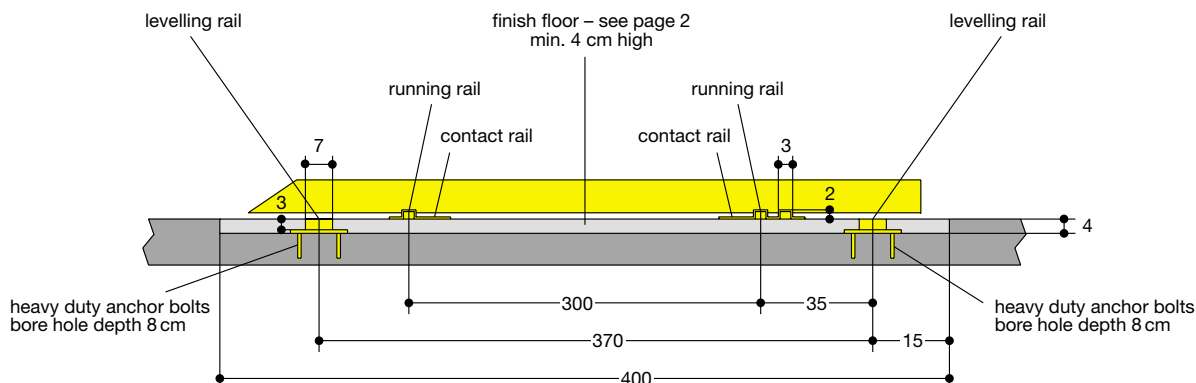


⊕ Measuring points at 100 cm points for checking unevenness acc. to DIN 18202, table 3, line 2, or acc. diagram

## Track and floor details

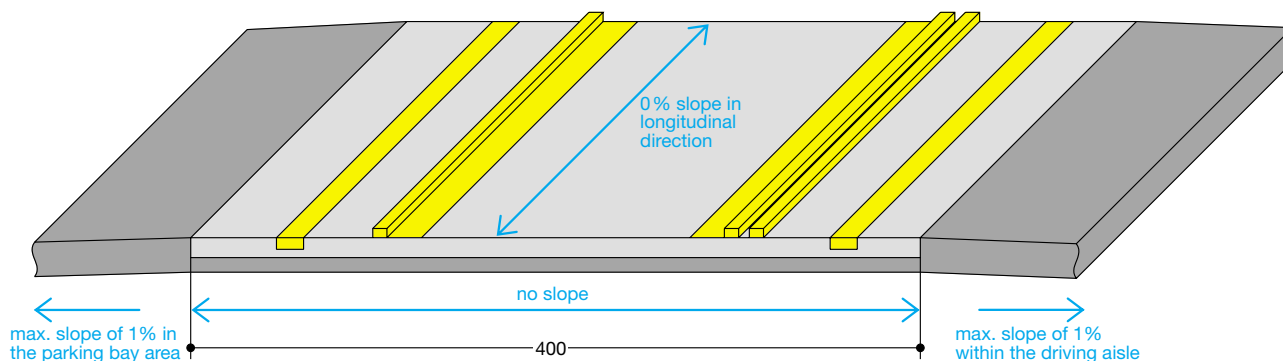
The moving rail load of each platform wheel is max. 600 kg. Concerning the evenness of the ground floor, we refer to page 3 »Evenness and tolerances«. The two running rails are used for levelling the finished floor – for tolerances see page 3. The running rails are mounted on top of the highest point found in the area of installation – see page 3 »Measuring points«.

The running rails are fixed and installed in accordance with the specified tolerances. Unevenness beyond those requirements leads to higher installation as well as finishing floor costs. The finish floor is leveled to the top of the running rails – see page 3 »Evenness and tolerances«. The leading rail is mounted only after the finish floor is hardened.



## Drainage

Due to safety reasons the distance between finished floor and platform may not exceed 2 cm to avoid any danger to persons feet.



## Control and supply of power

The power is led to the parking platforms via the track system. (The supply is led) from the control system to the track system via cables which pass through empty pipes laid by the client. The parking platform is selected at the control panel via a push button or a coded key. By means of the control system

the parking platforms are moved in such a way that the access to the selected parking place is free. In addition, there is about 60–80 cm space on the left side of the parking place to get in and out of the car. On special request, this space can also be made available on the right side.

## Noise

Ball bearings of the rollers provide a low sound level.

## Protection against corrosion

Metal sheets and frames of parking platforms are made of hot-dip galvanized sheet according to the German regulation DIN 17162, NA 275 g/m<sup>2</sup>.

## Maintenance

Regular maintenance by qualified personnel can be provided by means of an Annual Service Contract. If this option is not selected we do advise that the following are undertaken on a regular basis to protect against corrosion:

- re-coat damaged areas of paintwork.
- clean the galvanised parts and metal sheets to prevent the building-up of dirt, oil deposits, winter salts, etc. In addition the garage should be aired regularly.

## Numbering of the parking spaces

7	8	9	10	Parking places
4	5	6		Parking Platform P 501
1	2	3		Parking Platform P 501

Different numbering of parking spaces is possible at extra cost (software changes are necessary).

## Product liability

Wöhr does not take any liability for damages due to squeezing danger because the evenness tolerances are not fulfilled. The distance between the lower edge of the platform and the finished floor may not exceed 2 cm.

## Conformity test

All our systems are checked according to EC machinery directive 98/37/EG and the VdTUV-recommendation Conveyor technology 1509.

## Illumination

Illumination has to be considered acc. to local requirements by client.

## Dimensions

All dimensions are in cm.