



Data Sheet Wöhr Combilift 544-2,6

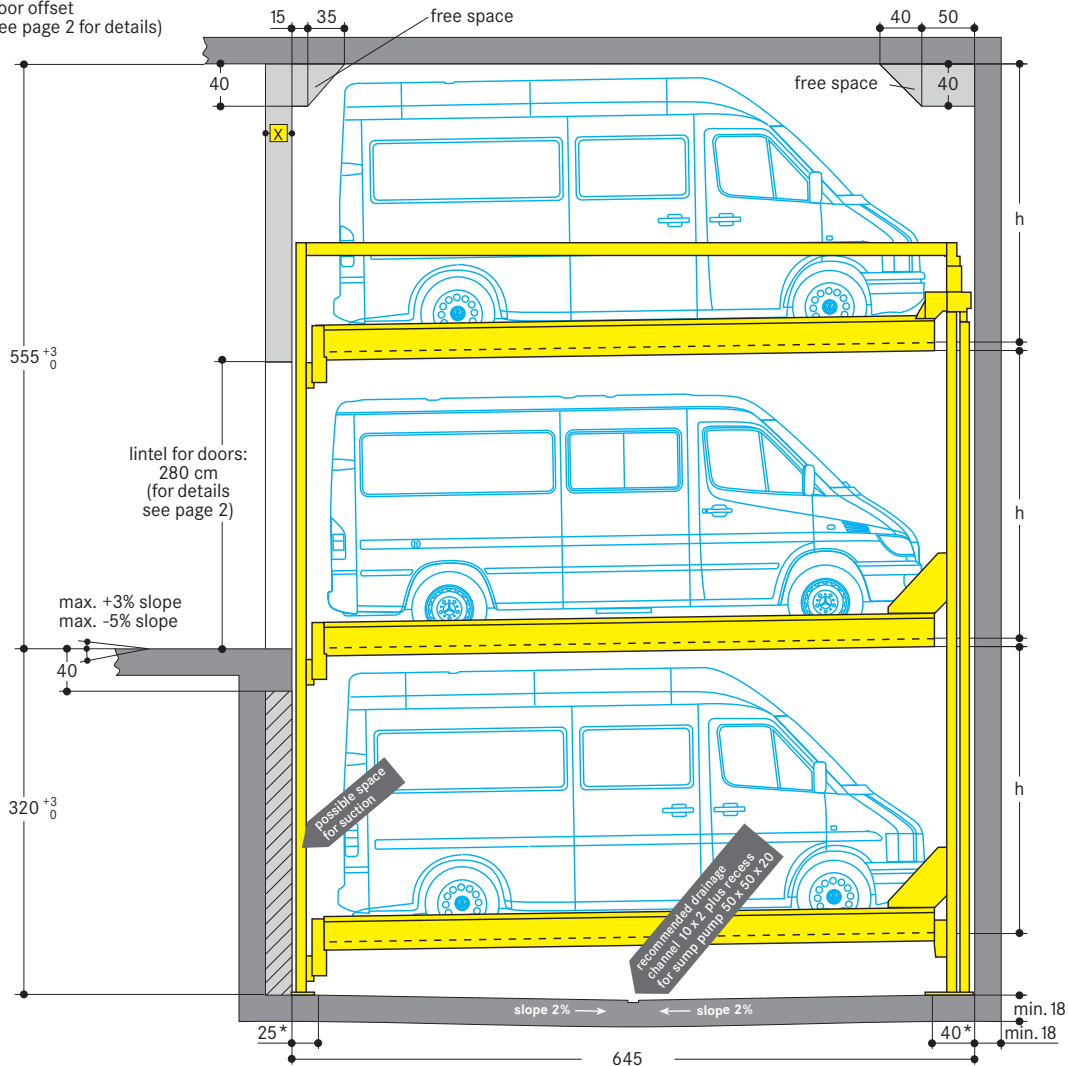
Suitable for transportation and vehicle industry.
For permanent use only!*

* In case of short time use technical adjustments are required. Please contact WÖHR!

Platforms are in horizontal position to drive on.

Load per platform max. 2600 kg (load per wheel max. 650 kg)

X = Door offset
(see page 2 for details)



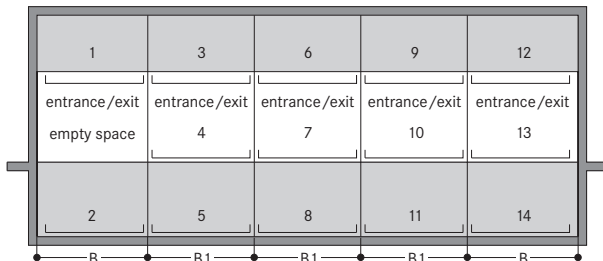
Dimensions in cm

* 0% slope neither in longitudinal nor in lateral direction in this zone

	car height	distance
UL*	cars up to 265 cm and max. 2600 kg	h = 270
EL*	cars up to 265 cm and max. 2600 kg	h = 270
LL*	cars up to 265 cm and max. 2600 kg	h = 270

* UL = upper level
EL = entrance level
LL = lower level

Width dimensions



↑ upper level

↔ entrance level

↓ lower level

Space required		gives clear platform width
B	B1	
280	270	250
290	280	260
300	290	270

In each grid a entrance/exit is necessary.

Notes

- Pits must always be protected by a sliding door (even in underground garages).
- Arrangements start with 2 grids for 5 cars, 3 grids for 8 cars etc.
- Car length max. 570 cm with an installation length of 654 cm, car width 200 cm. In case of special platform widths narrower than 250 cm respectively, the maximum vehicle width is reduced accordingly.
- It is not possible to have channels or undercuts and/or concrete haunches along the pit floor-to-wall joints. In the event that channels or undercuts are necessary, the system width needs to be reduced or the pit needs to be wider.
- The manufacturer reserves the right to modify or alter above specifications.



Tore

According to EN 14010, the Combilift 544 must be closed with doors. The door controls are integrated in the overall system. That means:

- The doors are electro-mechanically interlocked
- The doors can only be opened when the selected parking place has reached the entry/exit position
- Any pits are closed in the entrance area

Door types:

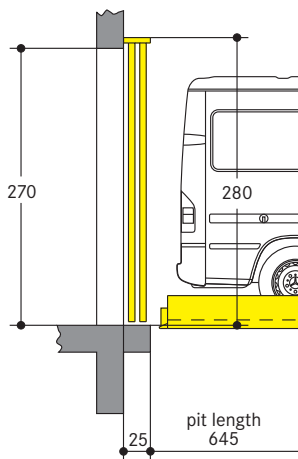
Only manually operated sliding doors

- for underground garages in galvanised steel
- above ground with powder coated metal sheets (RAL 7030)

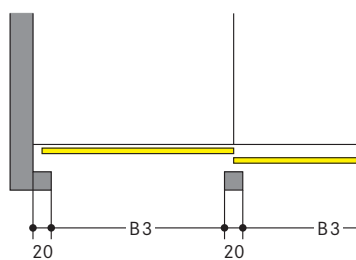
Installation:

Behind the building pillars with door offset

Section

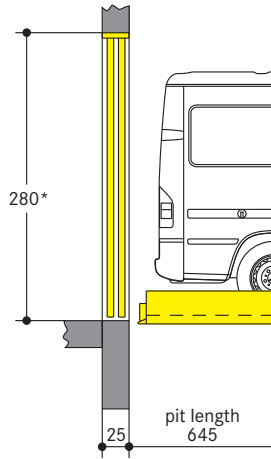


Ground plan

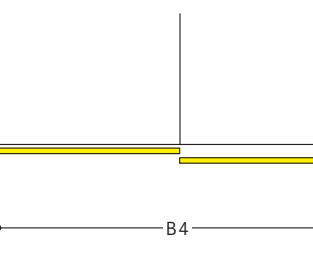


Installation:

Below the lintel between the building pillars

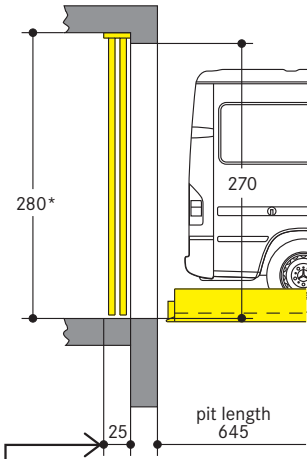


Ground plan



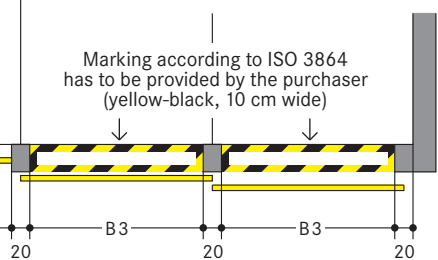
Installation:

In front of the building pillars



With installation in front of the pillars, the driving aisle is measured from the door.

Marking according to ISO 3864 has to be provided by the purchaser (yellow-black, 10 cm wide)



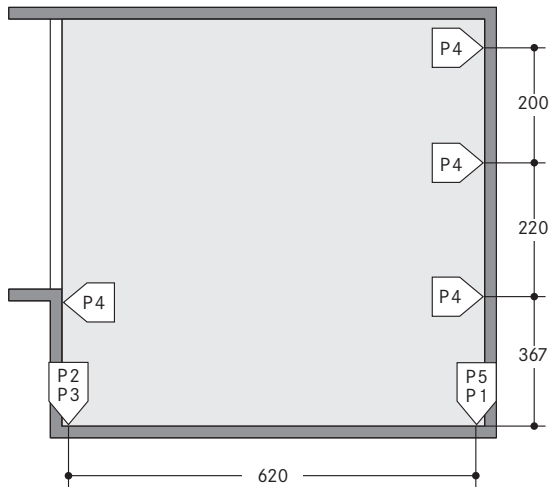
* The lintel of 280 cm is absolutely necessary. If differing heights additional fixings are required at additional charge. If no lintel is provided, the gates need to be fitted onto a steel frame (subject to surcharges).

Space required		Gives clear platform width
B3	B4	
250	520	250
260	540	260
270	560	270

Width dimensions and statics

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

Section



P1 = +85,0 kN¹⁾
 P2 = +70,0 kN
 P3 = +35,0 kN
 P4 = ± 5,0 kN
 P5 = +45,0 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).

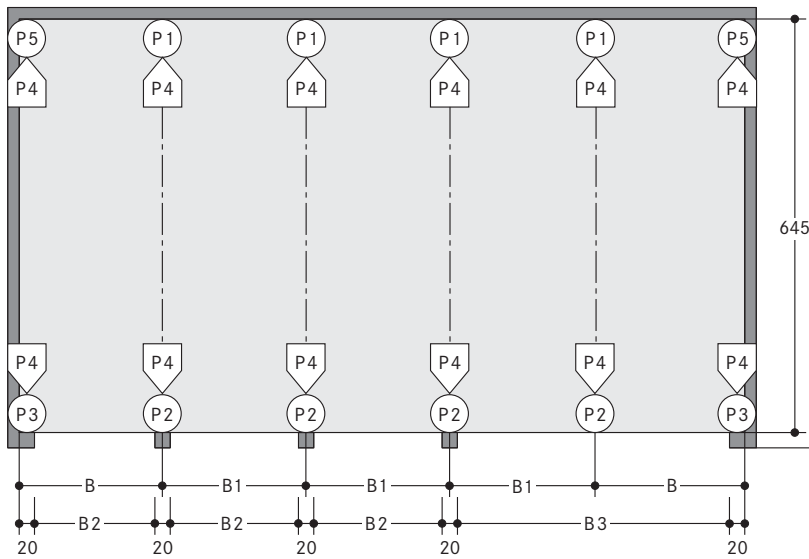
Base plate thickness min. 18 cm. Rear wall and base plate must be formed of concrete and must have a flat surface without protrusions.

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 270 /280 /290 cm must be observed.

Ground plan



B	Space required				gives clear platform width
	B1	B2	B3	B4	
280	270	145	250	520	250
290	280	150	260	540	260
300	290	155	270	560	270

Minimum driveway width according to local requirements

Notice:

If the width of the pillars is more than 20 cm, than the width of the drive through will be reduced accordingly to the above mentioned width dimensions. In order to avoid this we recommend to extend the measures between the pillars (B2 and B3) accordingly. Please contact WÖHR.

