

Data Sheet

WÖHR COMBIPARKER 555



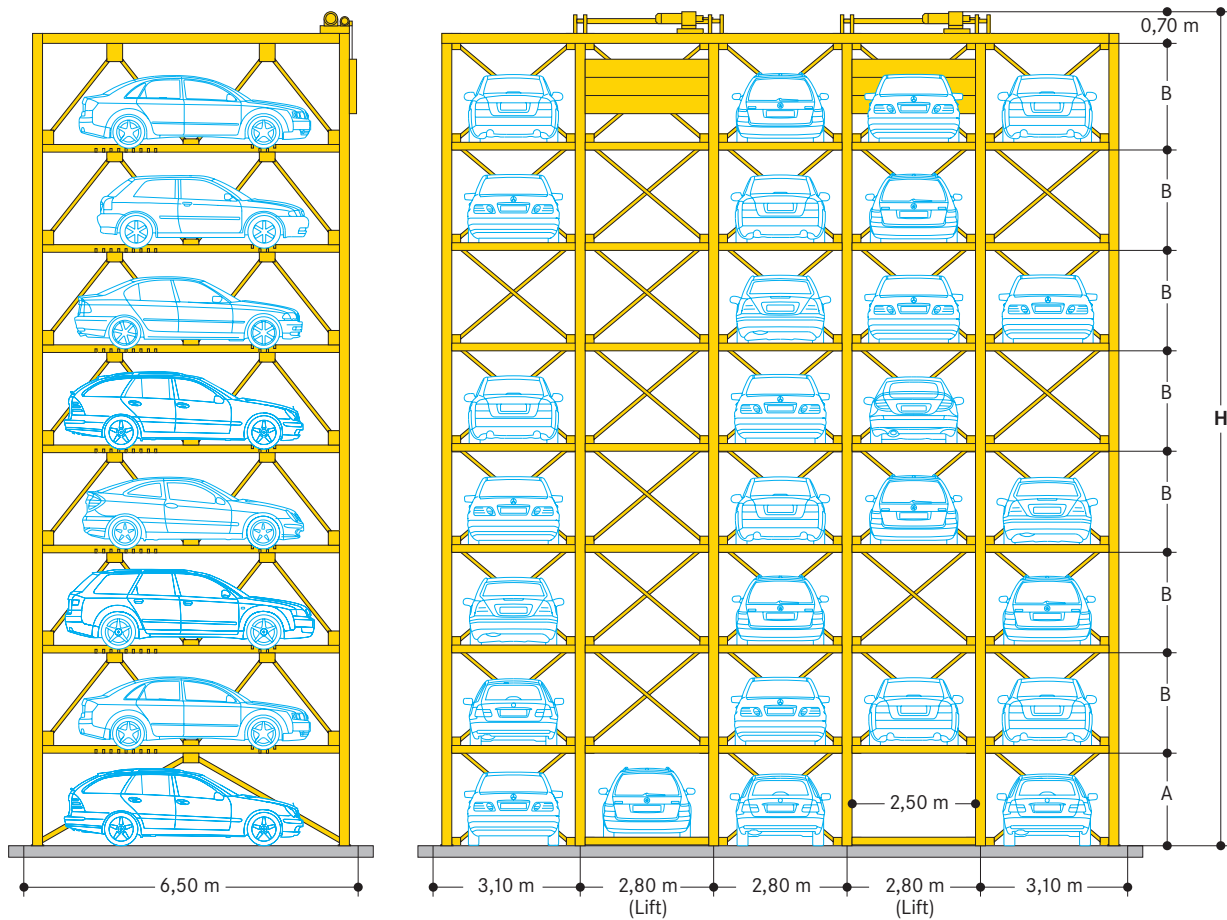
Combiparker 555-2,6: Load per parking place max. 2600 kg (load per wheel max. 650 kg).



Notes

1. Measurements have to be clarified with Wöhr before starting the construction.
2. The manufacturer reserves the right to modify or alter specifications.

■ Dimensions



Levels	Height H	Height H	Car height	Dimension A	Dimension B
	Car height 1,80 m*	Car height 2,00 m			
3	7,15 m	7,55 m	1,80 m	2,25 m	2,10 m
4	9,25 m	9,85 m	2,00 m	2,25 m	2,30 m
5	11,35 m	12,15 m			
6	13,45 m	14,45 m			
7	15,55 m	16,75 m			
8	17,65 m	19,05 m			

*Car height at entrance level 2,00 m

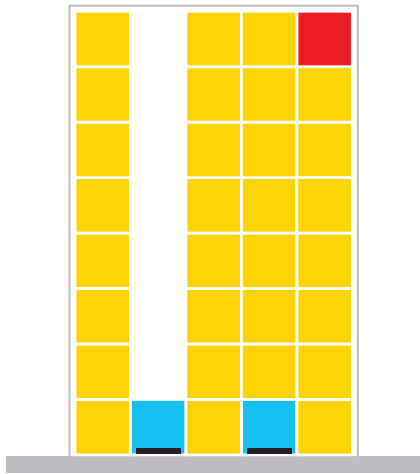
■ Number of parking places

Levels	3 grids	5 grids	7 grids
3	6	11	16
4	8	15	22
5	10	19	28
6	12	23	
7	14	27	
8	16	31	

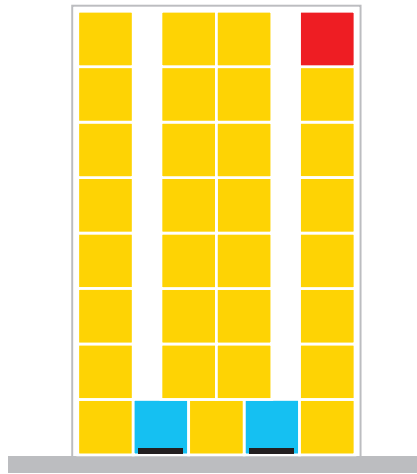
■ Notes

1. The conventional parking places next to the vertical lift have to be protected with a safety fence from the client in accordance with DIN EN ISO 13857.
2. The system must be covered. The covering is not included in the Wöhr supply. Max. weight of the covering 150 N/m². The fixing has to be clarified with WÖHR.

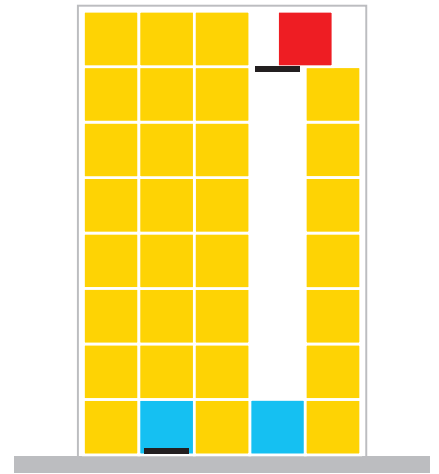
Function



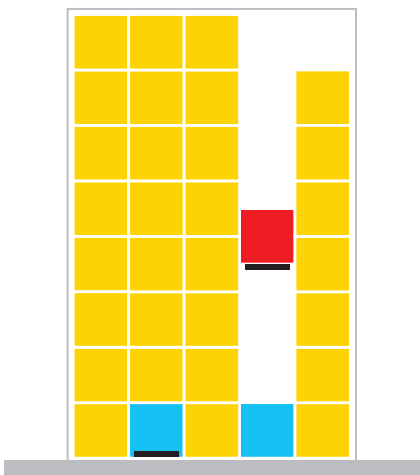
The red parking place is to be removed.



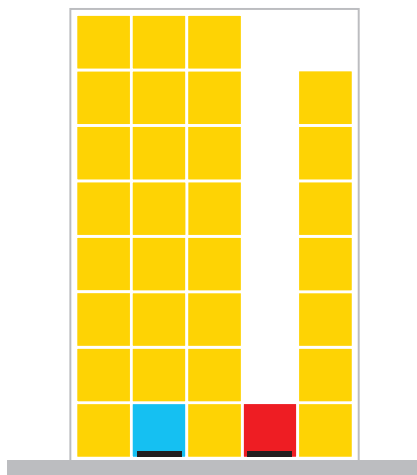
The parking places are moved to left.



The elevator is lifted up and the red parking place is collected onto the elevator.

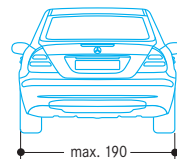
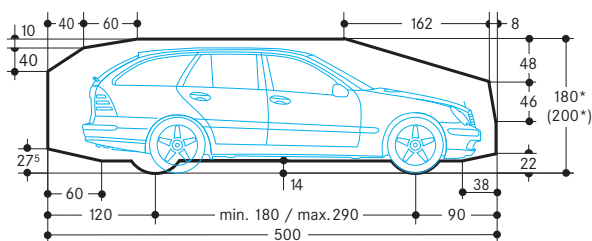


The red parking place is then lowered ...



and is now ready for removal.

Clearance profile



* The total car height includes roof rail and antenna fixture and must not exceed the mentioned max. height dimension.

■ Electrical data/switch cabinet

1. Main electrical supply 230/400V, 50Hz, 3 phase. Fuse or automatic circuitbreaker 3 x 40 A slow blow (acc. to DIN VDE 0100 p. 430).
2. In compliance with the DIN EN 60204 standard provisions, all systems must be connected directly on site with an earthed equipotential bonding. The lead-out connection must be at a 10 m distance!
3. For a remote maintenance (option) an internet connection to the switch cabinet is required.
4. Inside the maintenance shaft the space for the switch cabinet of 150 x 130 x 220 cm must be provided.
5. The control is designed to operate between +5° and +40°C. Atmospheric Humidity: 50% at +40°C. If the local circumstances differ from the above please contact Wöhr (if necessary, the switch cabinet has to be provided with a heating).

■ Grounding and potential equalisation

Customer has to provide a connecting outlet for grounding next to the control cabinet, because the Potential Equalisation Rail (PER) in the control cabinet has to be connected by a preferably short cable with the grounding outlet. In the area of the steel structure the customer has to

provide at least every 10 to 20 meters (or in distances as required by the local lightning protection regulation) grounding outlets, because the total steel structure has to be connected with the grounding outlets by preferably short cables.

■ Operating device

1. Stand with an operating device for user guidance and multifunction button. Or alternatively to be attached to the building.
2. Arrangement left or right of the entrance grid.
3. The edge of the entrance must be visible over the full length. Distance to the edge of the entrance max. 5 m/min. 1 m.

■ Operation

1. After all doors are closed completely the system will run automatically.
2. The parking place will be activated with a transponder or via remote control (option).
3. Car monitoring (option): height, length and width as well as the position of the car could be checked with light barriers.

■ Temperature

The installation is designed to operate between +5° and +40°C. Atmospheric Humidity: 50% at +40°C. If the local circumstances differ from the above please contact Wöhr.

■ Conformity test

All our systems are checked according to EC machinery directive 2006/42/EC and EN 14010.

■ Noise protection

Basis: »Sound insulation in buildings«, for technical facilities in buildings must be provided with adequate protection against air-borne and solid-borne sound. If the sound pressure level should not exceed 30 dB (A) in living- and sleeping-rooms at night, the following building requirements must be available:

sound reduction index of at least R'w 57 dB (A).

Insulation against solid-borne sound
WÖHR offers additional measures for a reduction of solid-borne sound (please ask for optional quotation from WÖHR). We recommend consultation between a sound expert and WÖHR to discuss further possible steps for reduction of the solid-borne sound.

Insulation against air-borne sound
The building unit must have a

■ Lighting (to be performed by the customer)

In the transfer area at least 500 lux, see EN 1837:1999.
In the system area at least 50 lux, see EN 81-1:1998.

■ Fire protection (to be performed by the customer)

Preventive fire protection measures should be discussed between the architect and the building authority and/or the preventive fire protection authority.

■ Statics and construction

The steel structure serves as a frame-work for the lift system and the pallets. The steel structure is fastened to the floor with metal splaydowels and shored-up

sidewise against the external walls. This requires a concrete quality of C25/30. Information with regard to the statics in question can be obtained from WÖHR.

■ Dimensions

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