Data Sheet
WÖHR MULTIPARKER 740

Please observe the separate Technical Notes!

The Multiparker 740 is particularly suited to narrow and long floor plan areas and features a fully automatic space saving high rack storage parking arrangement.

- As tower and/or pit version provided up to 8 parking levels
- Automatically operated parking systems for 10 to more than 100 cars
- Variable system length available
- Multiple row arrangement with up to 3 parking rows behind each other
- Well adaptable to individual project requirements
- Safe for user and cars (no narrow ramps, dark stairs, no damage caused by theft or vandalism)
- Customizable arrangement of transfer area
- Fast access times
- No ramps and driving lanes
- No costly illumination and ventilation necessary
- Different car heights possible, e.g. Vans, SUVs
- For car weight up to 2.5 t, higher loads are possible after consultation with WÖHR
- Easy operation with several control options, e.g. transponder chip or remote control
- Suitable for public parking
- Following the idea of „Green Parking“

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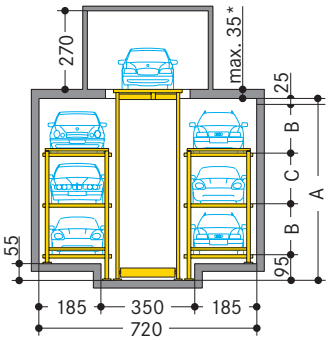
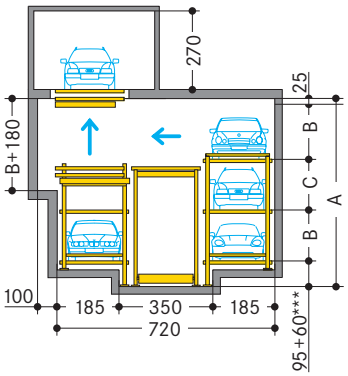
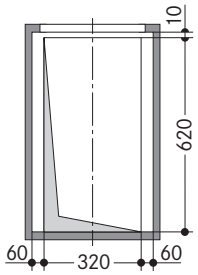
Multiparker 740 | Shaft system for 1–8 parking levels **with** walls or columns between the parking spaces

- Parking system for 1–8 parking levels as shaft variant
- Linear expansion variable up to 80m
- Arrangement of transfer area directly above the storage and retrieval unit or in the parking zone above a separate vertical lift (see below)
- Vehicles of various height can be parked thanks to parking levels of various height
- Multi-row arrangement (see page 4)
- Integrated turning device is possible

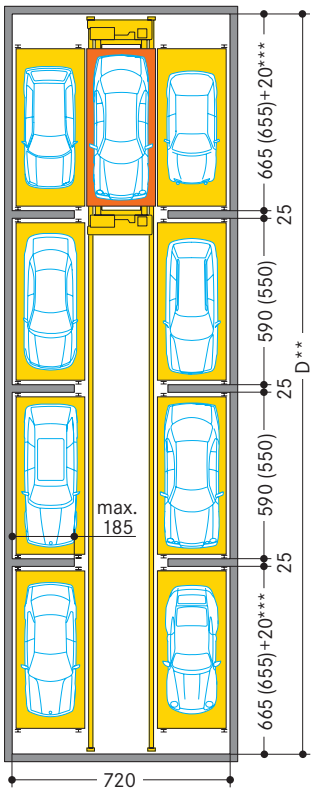


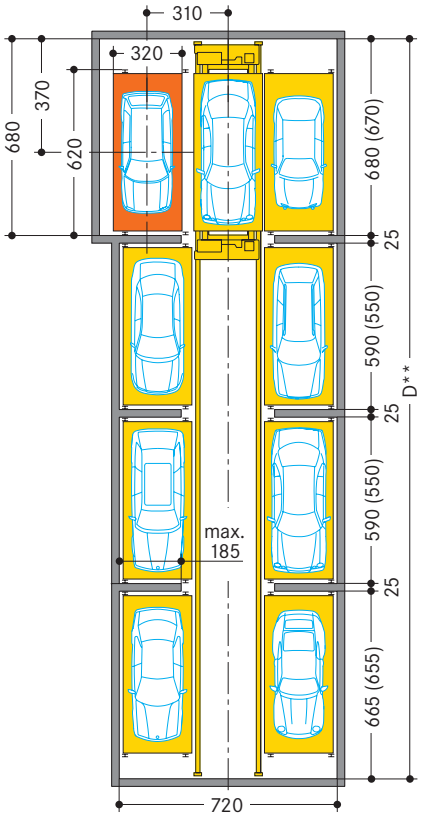


Transfer area (dimensions without turning device)



For the control unit, space (at least length 500 cm x width 200 cm x height 240 cm) must be available near the transfer area.





* If ceiling thickness is more than 35 cm, the clearance (55 cm) must be extended by the same difference, e.g. ceiling thickness 60cm = clearance 80 cm.

** All specified dimensions of length D are examples only and depend on the width and number of partitions walls.

*** With turning device on the storage and retrieval unit

( ) Dimensions in brackets for one parking level only

Parking levels	Dimension A for 160 cm high cars	Dimension A for 200 cm high cars
1	293	333
2	491	571
3	664	784
4	837	997
5	1035	1235
6	1208	1448
7	1381	1661
max. 8	1579	1899

Car height	Dimension B	Dimension C
160	173	198
185	198	223
200	213	238

Parking places per level	1 parking level Grid width 550 cm Length D**	2 and more parking levels Grid width 590 cm Length D**
6	1925	1985
8	2500	2600
10	3075	3215
12	3650	3830
14	4225	4445
16	4800	5060
18	5375	5675
20	5950	6290

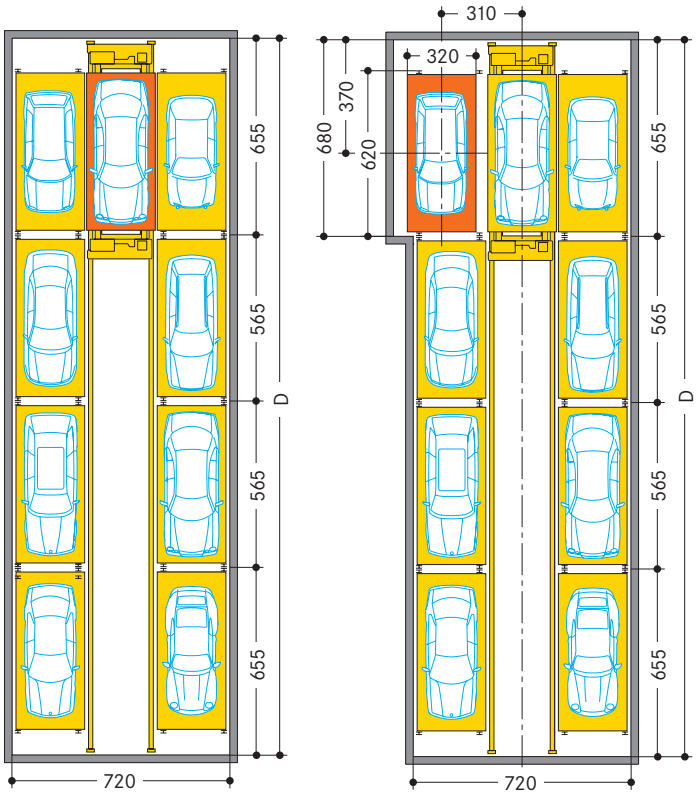
Dimensions in cm

The number of parking spaces depends on number and arrangements of transfer areas.

Maintenance access and switch cabinet

Maintenance access as well a room for the switch cabinet (min. 2 x 5 m) is required (please check with WÖHR).

Multiparker 740 | Shaft system for 1–8 parking levels **without** walls or columns between the parking spaces

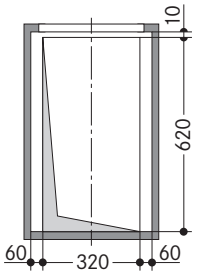


Dimensions in cm

Parking places per level	2 and more parking levels Grid width 565 cm Length D
6	1900
8	2465
10	3030
12	3595
14	4160
16	4725
18	5290
20	5855

The number of parking spaces depends on number and arrangements of transfer areas.

Transfer area (dimensions without turning device)



For the control unit, space (at least length 500 cm x width 200 cm x height 240 cm) must be available near the transfer area.

Multiparker 740 | Tower system and Shaft/Tower system for 4–8 parking levels

- Parking system for 4–8 parking levels as shaft/tower variant
- Linear expansion variable up to 80m (see dimension D on page 2 and on top)
- Arrangement of transfer area in the parking zone (see below)
- Vehicles of various height can be parked thanks to parking levels of various height
- Multi-row arrangement (see below)
- Integrated turning device is possible

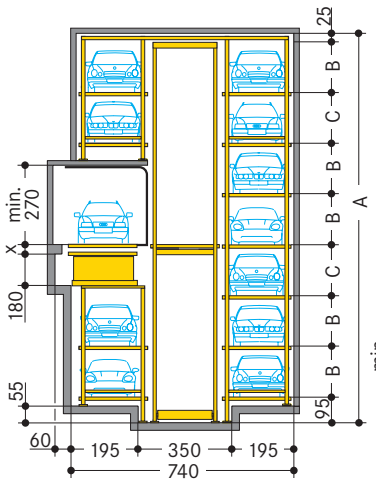


Table for dimensions in length see page 2.

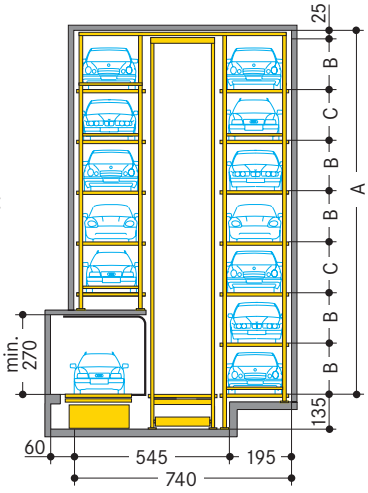


Table for dimensions in length see page 3.

Dimensions in cm

Car height	Dimension B	Dimension C
160	173	198
185	198	213
200	213	238

Tower/Shaft system

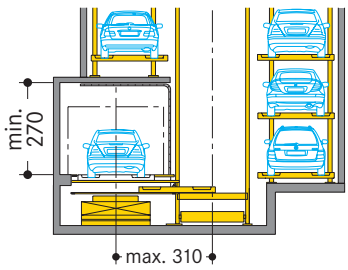
Parking levels	Dimension A for 160 cm high cars	Dimension A for 200 cm high cars
4	837	997
5	1010	1210
6	1208	1448
7	1381	1661
max. 8	1554	1874

Tower system

Parking levels	Dimension A for 160 cm high cars	Dimension A for 200 cm high cars
4	742	902
5	915	1115
6	1113	1353
7	1286	1566
max. 8	1459	1779

Transfer area lateral to the storage and retrieval unit

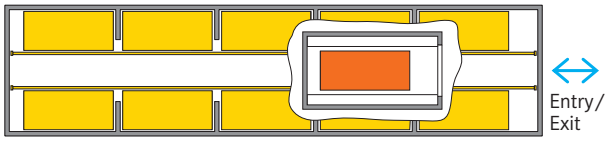
A new pallet is provided in the transfer area while the vertical lift is still moving the car upwards. Please contact WÖHR for more details!



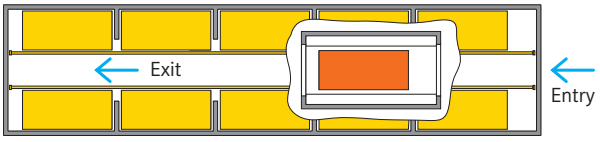
Control unit

For the control unit, space (at least length 500 cm x width 200 cm x height 240 cm) must be available near the transfer area.

Transfer area directly above the storage and retrieval unit

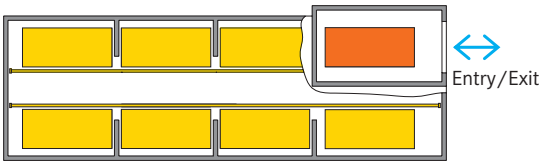


Central arrangement of transfer area. Entry and exit from one direction.

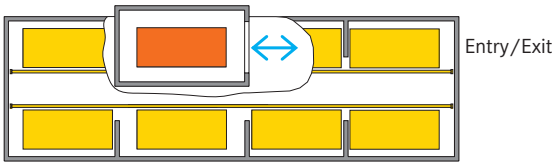


Drive-through transfer area, with entry and rear exit.

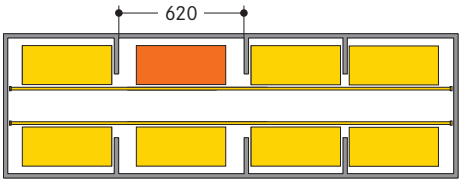
Lift or transfer area lateral to the storage and retrieval unit



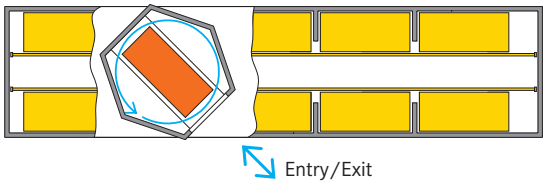
Transfer area arranged frontal on one side, with entry and exit from one direction.

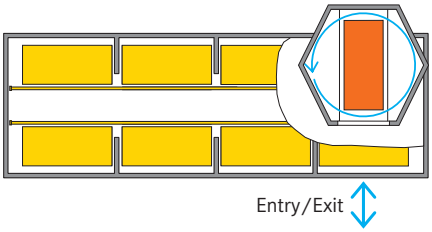


Transfer area can be arranged above any parking space.



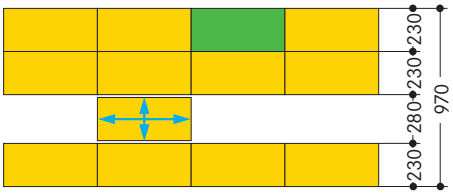
Turning device

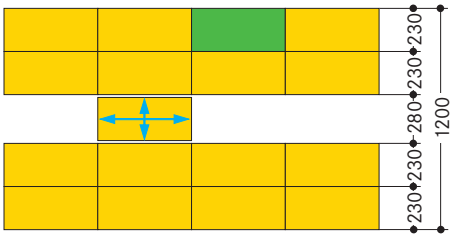




By use of a turning device inside the transfer area, access is possible at any angle. Thus, narrow driveways are no problem.

Different variants – Multi-row arrangement

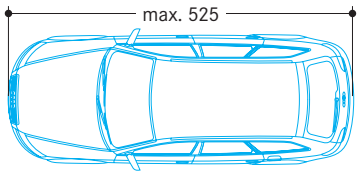


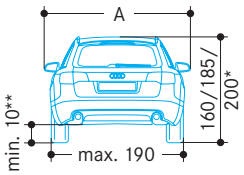


The multi-row arrangement allows an optimum utilisation of the available space and/or land area and saves civil engineering costs, particularly with the shaft variant.

An empty space (green) in the system allows to rearrange the cars in such a way that in-parking and out-parking in the second row becomes possible.

Max. car dimensions





* Overall height (cars with roof racks, roof rails, antennas etc. should not exceed the mentioned overall height).
** Clearance underneath the gear case

Pallet width	Dimension A
230	220

Car weight max. 2500 kg, wheel load max. 625 kg.

These car dimensions are valid for the building dimensions as mentioned. If building dimensions are adjusted, other car dimensions are possible.

For parking systems with EV charging options, WÖHR recommends the use of wider pallets.

Attention: Clear installation dimensions change accordingly.