

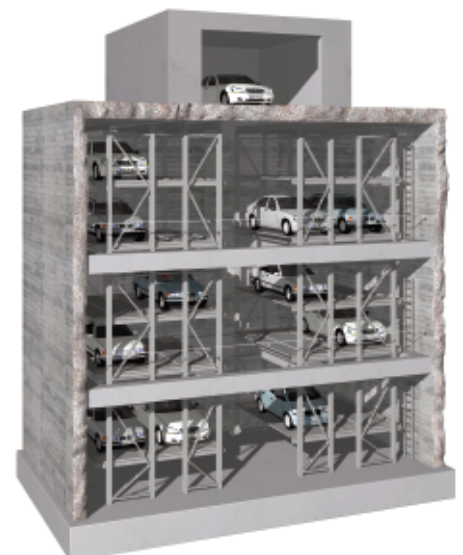


The automatic shelf system optimally utilizes the floor space of an object.

The tower system can be designed as above-ground or underground system or as a combination of both variants.

- Elevator for vertical transport
- Optional turning unit
- Vehicle height variable
- Different level height possible
- Up to 15 parking levels
- Six cars per parking level
- Floor loads per parking space: 2500 kg
- Higher loads per parking space possible upon request
- Variable car dimensions upon request

Please note the separate technical information.



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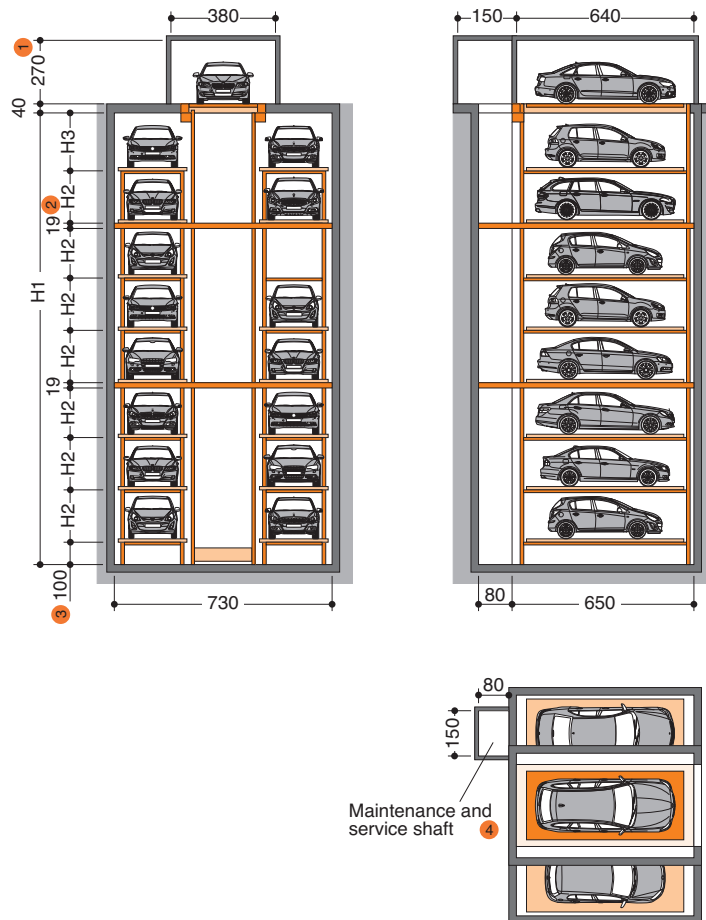
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Variants

Shaft design

- For 1–15 levels
- Transfer cabin arranged centrally above the lift
- Parking levels with different heights for variable vehicle heights
- Three-row arrangement left and right of the lift possible

- In case of multi-row arrangement, empty spaces are necessary for moving purposes
- Turning unit optional (in transfer cabin or in system)

Shaft design



Electrical cabinet

Close to the transfer cabin room for an electrical cabinet is to be provided. Minimum dimensions:
l: 240 cm, w: 200 cm, h: 230 cm.

Service and maintenance

A shaft is required for service and maintenance works. Minimum dimensions: 150 x 80 cm.

Height dimensions

levels	parking spaces	for vehicles up to 160 cm		for vehicles up to 160 cm and 3 levels for vehicles up to 200 cm	
		H1	H1	H1	H1
2	4	484	484	–	–
3	6	656	656	–	–
4	8	847	847	967	967
5	10	1019	1019	1139	1139
6	12	1191	1191	1311	1311
7	14	1382	1382	1502	1502
8	16	1554	1554	1674	1674
9	18	1726	1726	1846	1846
10	20	1917	1917	2037	2037
11	22	2089	2089	2209	2209
12	24	2261	2261	2381	2381
13	26	2452	2452	2572	2572
14	28	2624	2624	2744	2744
15	30	2796	2796	2916	2916

car height	H2	H3
160	172	212
200	212	252

- 1 The dimension depends on the gate selected.
- 2 Horizontal supports to reinforce the shaft are possible.
- 3 The dimension is increased by 40 cm, if a turning unit is integrated on a parking level or a transfer cabin is used.
- 4 Access to the service and maintenance shaft only upon consultation with KLAUS Multiparking.

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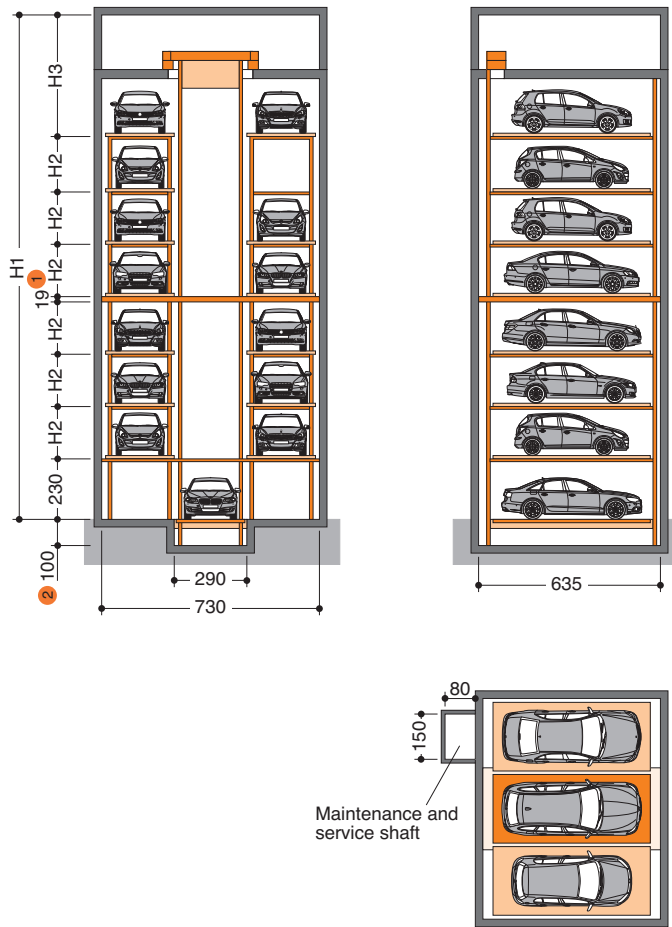
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Tower design

- For 1–15 levels
- Transfer cabin arranged centrally inside the lift
- Parking levels with different heights for variable vehicle heights
- Three-row arrangement left and right of the lift possible

- In case of multi-row arrangement, empty spaces are necessary for moving purposes
- Turning unit optional (in transfer cabin or in system)

Tower design



Electrical cabinet

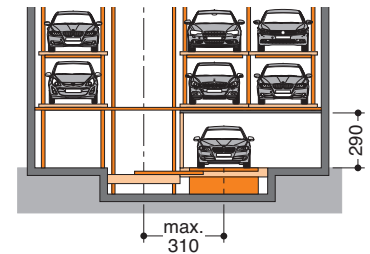
Close to the transfer cabin room for an electrical cabinet is to be provided. Minimum dimensions: l: 240 cm, w: 200 cm, h: 230 cm.

Service and maintenance

A shaft is required for service and maintenance works. Minimum dimensions: 150 x 80 cm. It is also possible to attach an outside ladder to access the single levels.

Transfer area on the side of the lift

In case of a tower design the transfer area can be arranged on the side of the lift. A pallet change system can be integrated.



Height dimensions

levels	parking spaces	for vehicles up to 160 cm	for vehicles up to 160 cm and 3 levels for vehicles up to 200 cm
		H1 ④	H1 ④
3	4	936	–
4	6	1127	1247
5	8	1299	1419
6	10	1471	1591
7	12	1662	1782
8	14	1834	1954
9	16	2006	2126
10	18	2197	2317
11	20	2369	2489
12	22	2541	2661
13	24	2732	2852
14	26	2904	3024
15 ③	28	3076	3196

car height	H2	H3
160	172	362
200	212	402

- ① Horizontal supports to reinforce the shaft are possible.
- ② The dimension is increased by 25 cm, if a turning unit is integrated on a parking level or a transfer cabin is used.
- ③ If more parking levels are available, the basic dimensions are increased.
- ④ If the transfer area is arranged on the side, dimension H1 is increased by 60 cm.

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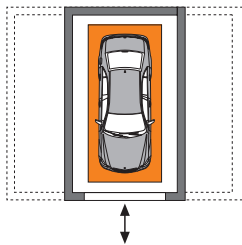
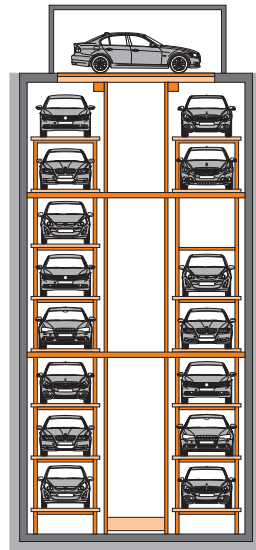
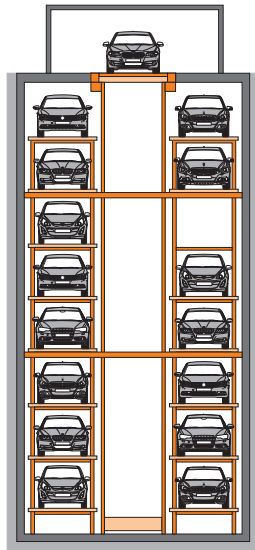
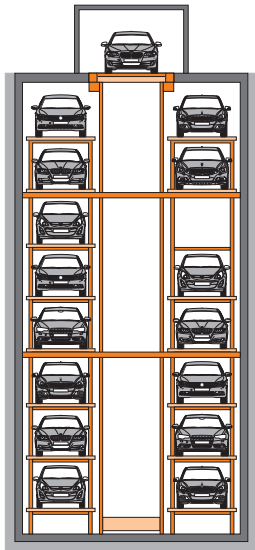
Arrange options

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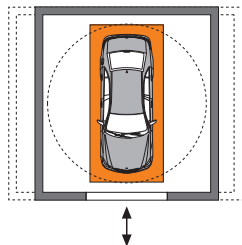
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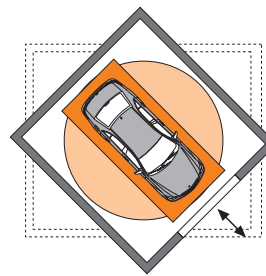
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Enter forward.
Exit backward.



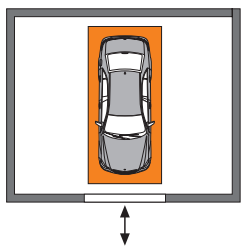
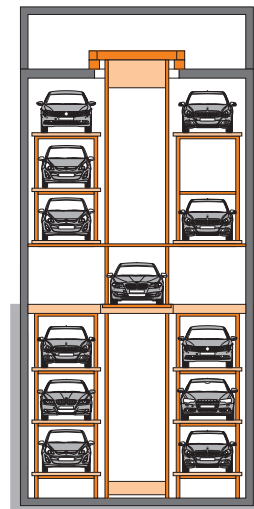
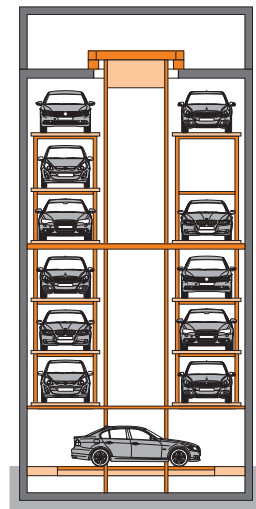
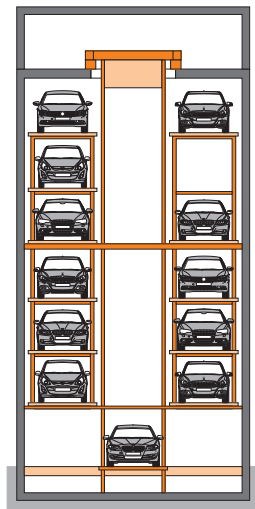
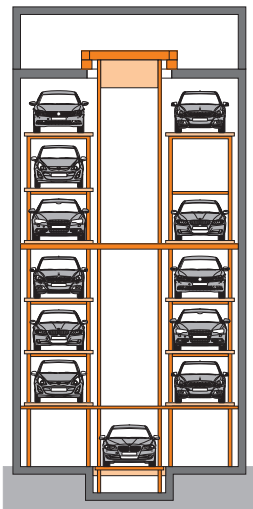
Enter forward.
Exit forward.
Turning of the vehicle
without turning platform.



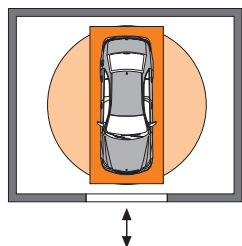
Enter forward.
Exit forward.
Turning of the vehicle
with turning platform.
Arrangement of the
transfer in a random
angle.

Tower design

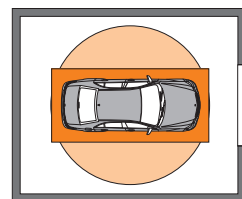
Tower/shaft design



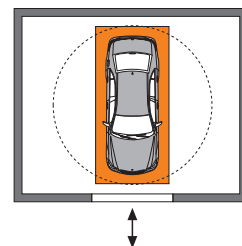
Enter forward.
Exit backward.



Enter forward.
Exit forward.
Turning of the vehicle
with turning platform.



Enter forward.
Exit forward.
Turning of the vehicle
with turning platform.



Enter forward.
Exit forward.
Turning of the vehicle
without turning platform.

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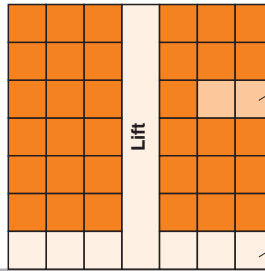
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Arrange options

A maximum of three rows to the left and right of the lift are possible.



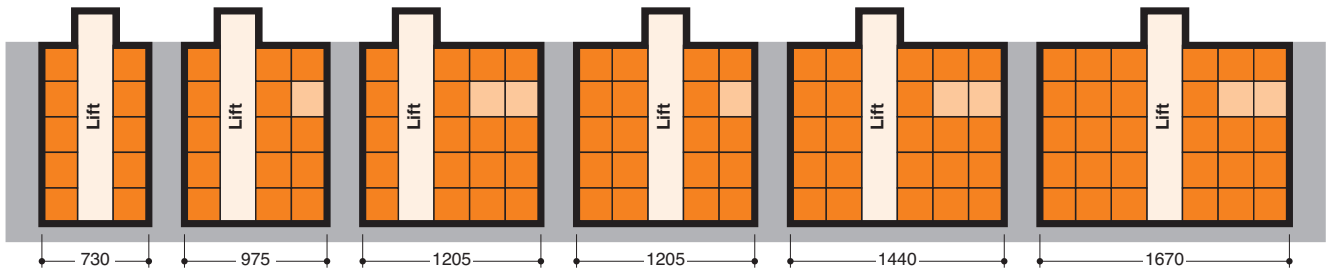
Empty spaces

In case of two-row arrangement: 1 empty space.
In case of three-row arrangement: 2 empty spaces.

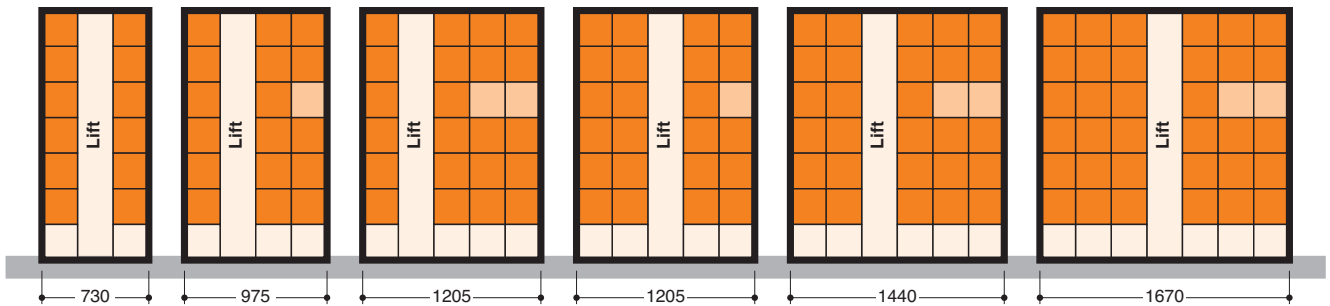
Free space

In case of tower and tower/shaft design.

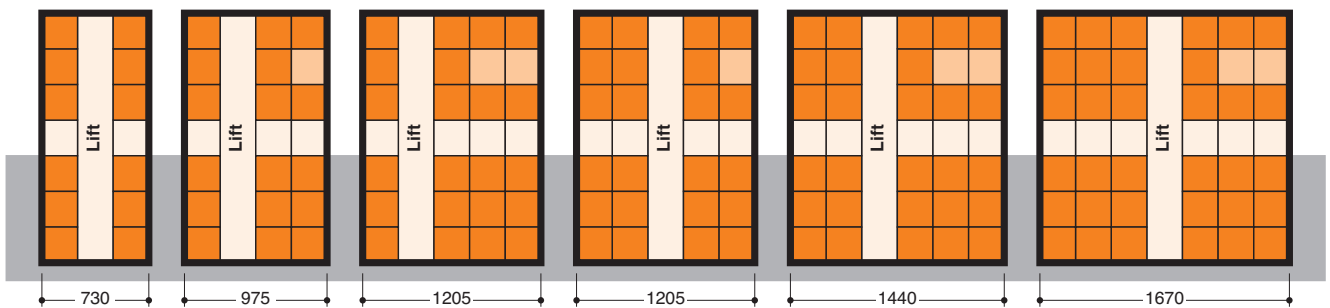
Shaft design



Tower design



Tower/shaft design



We reserve the right to change this specification without further notice

KLAUS Multiparking reserves the right in the course of technical progress to use newer or other technologies, systems, processes, procedures or standards in the fulfillment of their obligations other than those originally offered provided the customer derives no disadvantage from their so doing.