

## PRODUCT DATA

### mastervario R2L

#### Tower system

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
- One to four 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.**



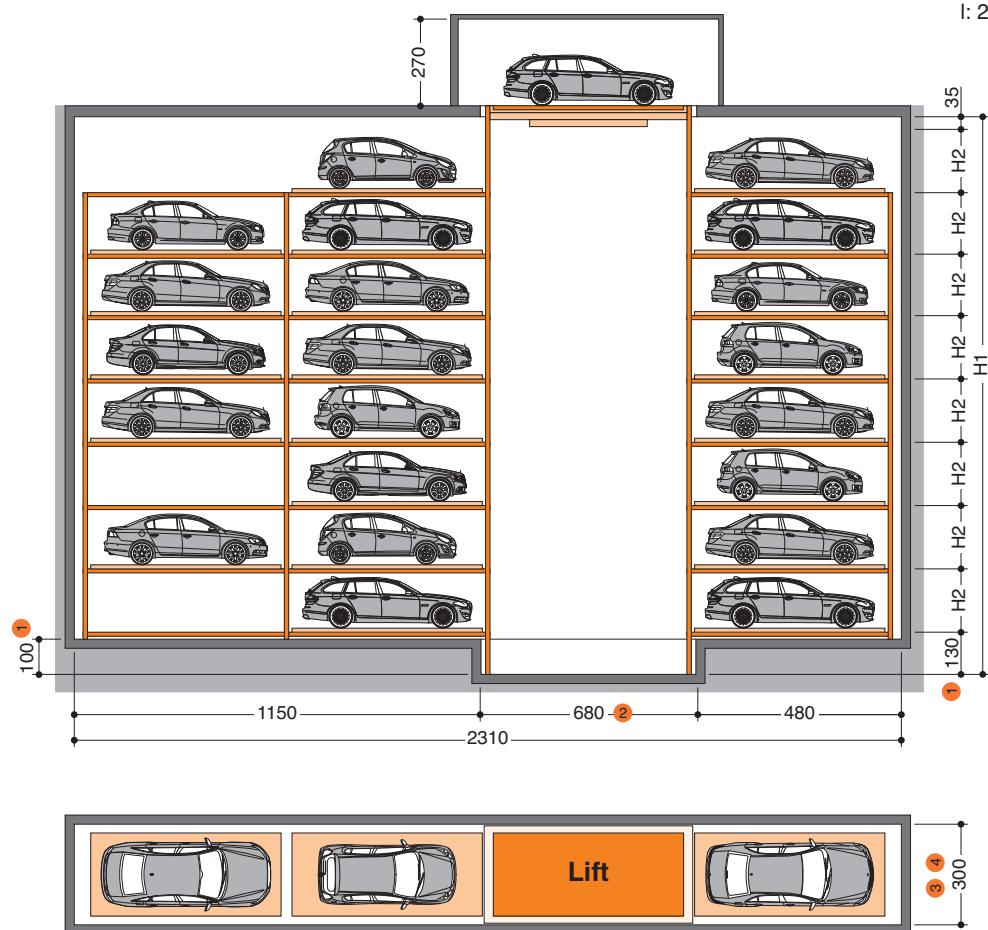
Page 1  
Title pagePage 2  
ShaftPage 3  
TowerPage 4  
Variants

## Shaft design

- For 1–15 levels
- Transfer cabin arranged centrally above the lift
- Parking levels with different heights for variable vehicle heights
- Two-row arrangement maximum possible

- In case of a two-row arrangement, one empty space per vehicle height 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.

## Height dimensions

levels	all levels for vehicles up to 160 cm			3 levels for vehicles up to 200 cm		
	H1	H2	car height	H1	H2	car height
1	337	172	160	377	212	200
2	509	172	160	549	212	200
3	681	172	160	761	212	200
4	868	172	160	948	172	160
5	1040	172	160	1120	172	160
6	1212	172	160	1292	172	160
7	1384	172	160	1464	172	160
8	1571	172	160	1651	172	160

① The dimension is increased by 25 cm, if a turning unit is integrated on a parking level or a transfer cabin is used.

② If a turning unit is integrated on a parking level, the dimension is increased depending on the vehicle length.

③ Only valid for standard vehicle dimensions and a maximum of 8 levels.

④ The dimension may vary depending on the desired vehicle widths, weights, optional turning inside the system and the number of levels.

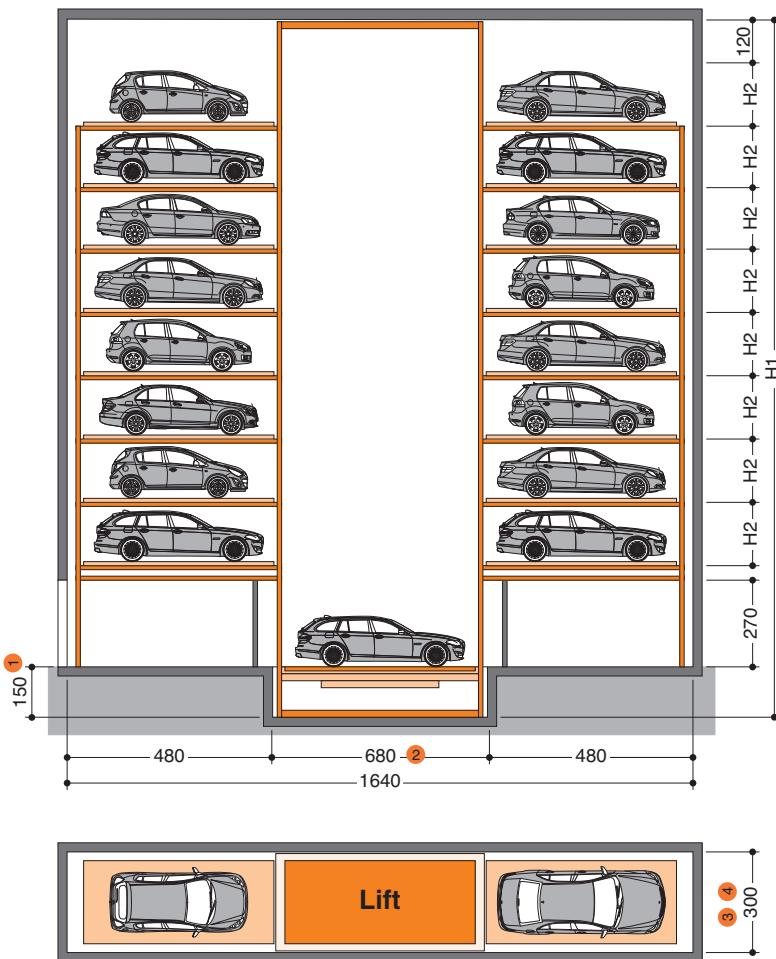
Page 1  
Title pagePage 2  
ShaftPage 3  
TowerPage 4  
Variants

## Tower design

- For 1–15 levels
- Transfer cabin arranged centrally inside the lift
- Parking levels with different heights for variable vehicle heights
- Two-row arrangement maximum possible

- In case of a two-row arrangement, one empty space per vehicle height 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.

## Height dimensions

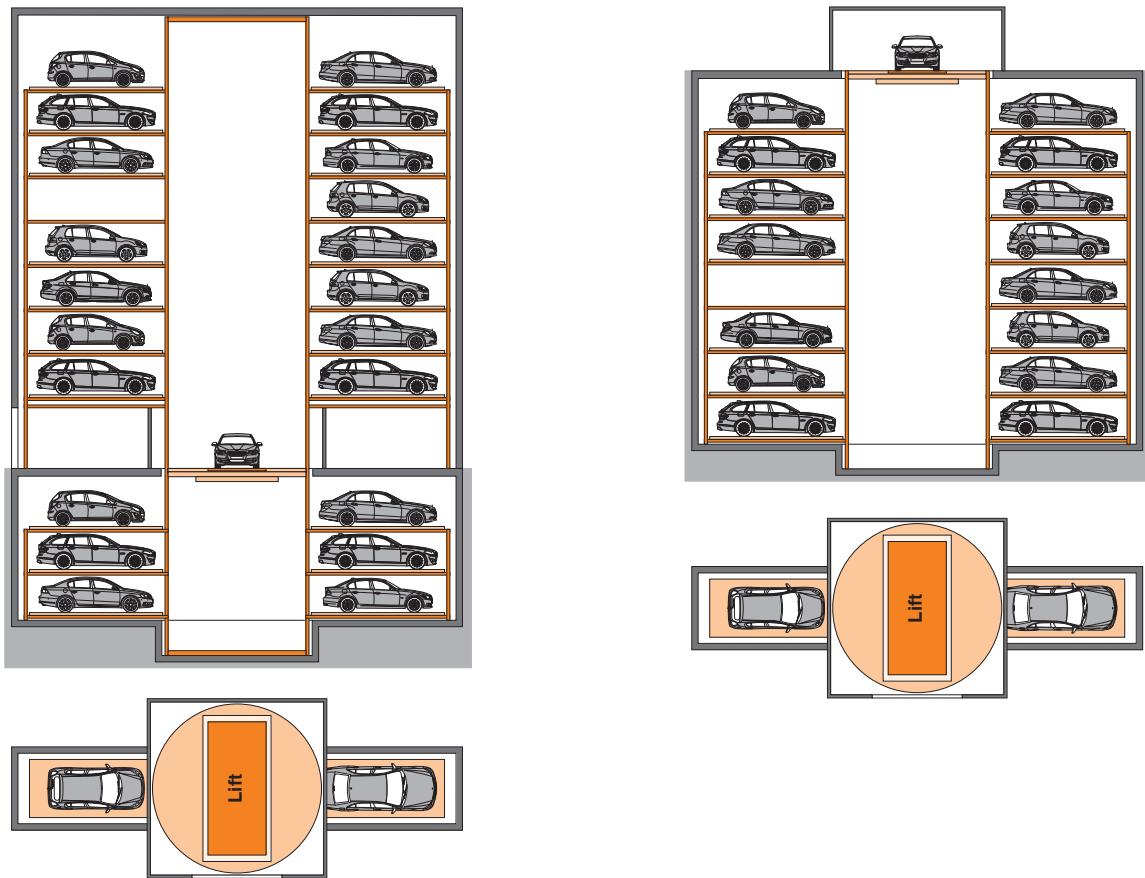
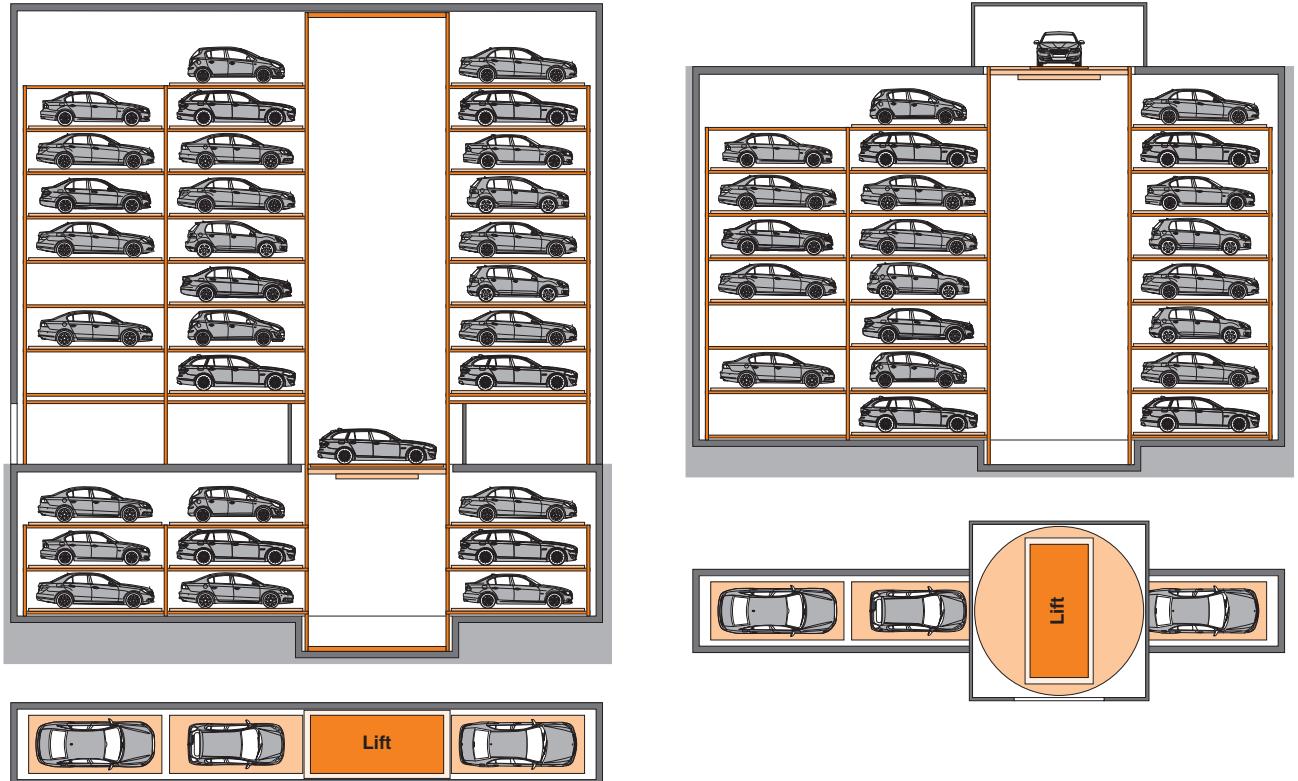
levels	all levels for vehicles up to 160 cm			4 levels for vehicles up to 200 cm		
	H1	H2	car height	H1	H2	car height
1	742	172	160	782	212	200
2	914	172	160	994	212	200
3	1086	172	160	1206	212	200
4	1273	172	160	1433	212	200
5	1445	172	160	1605	172	160
6	1617	172	160	1777	172	160
7	1789	172	160	1949	172	160
8	1961	172	160	2136	172	160

① The dimension is increased by 25 cm, if a turning unit is integrated on a parking level or a transfer cabin is used.

② If a turning unit is integrated on a parking level, the dimension is increased depending on the vehicle length.

③ Only valid for standard vehicle dimensions and a maximum of 8 levels.

④ The dimension may vary depending on the desired vehicle widths, weights, optional turning inside the system and the number of levels.

Page 1  
Title pagePage 2  
ShaftPage 3  
TowerPage 4  
Variants**Arrange options****Single-row arrangement****Multi-row arrangement****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.