Automatic parker

KLAUS multiparking

Experience a new dimension

Parking in the future

In the future, parking has to be easier and more efficient than ever. For city planners, architects and building owners the challenge is clear: They have to accommodate as many vehicles as possible in as small an area as possible. Optimal utilization of the area available is a crucial factor for the profitability of apartments and other commercial projects.

In addition, future parking solutions must be fast, easy and safe so that users are happy to park their vehicles there. Without long waits, and without fear of damage.

Here, help is provided by the automatic parkers from Klaus Multiparking, one of the leading international suppliers of multiparking systems. The automated parking solutions from Klaus make parking so easy and comfortable that everyone is happy to park their cars in them. Feel good about parking - every day, and of course also every night. Park and smile.

Investors, builders and building owners can also smile, because Klaus automatic parkers provide them with several advantages at once: Most importantly, the systems improve the ability to rent real estate and increase profitability through optimal utilization of the area available.

The automatic parking systems from Klaus Multiparking can be adapted individually to customers requirements. Depending on the needs, single-row or multi-row automatic surface systems are used, and automatic tower and shelf systems, which are the best solution for small surface areas, are also available.

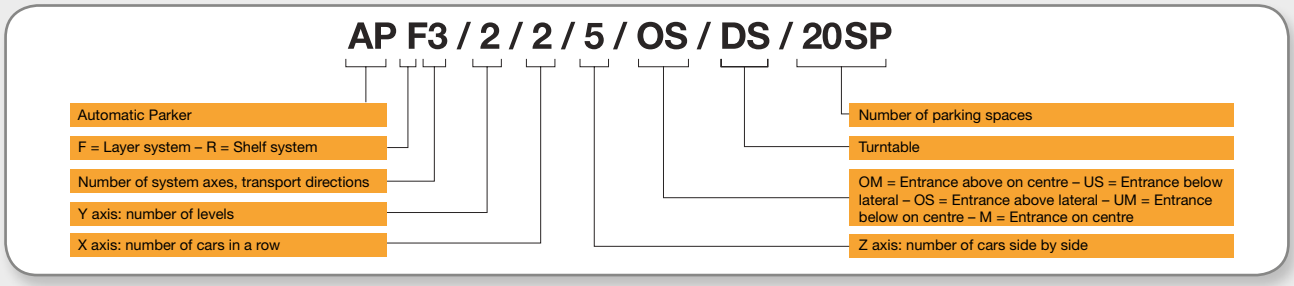
The Expectation

Klaus Multiparking GmbH, located in Aitrach (Baden-Württemberg), is one of the most important suppliers of innovative Multiparking systems world-wide with over 500,000 installed parking spaces. The globally active company, which is represented by a total of 65 sales partners on all continents, can look back on a more than 100-year company history and has over 45 years of know-how in the planning and production of parking systems.

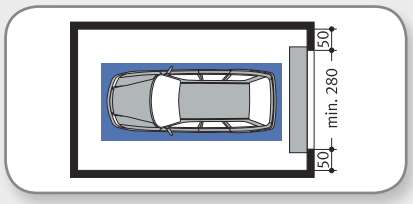
Quality, service and know-how - these are still the keywords of their successful business philosophy.
The name Klaus Multiparking stands for uncomplicated technical concepts, high product quality and absolute reliability.

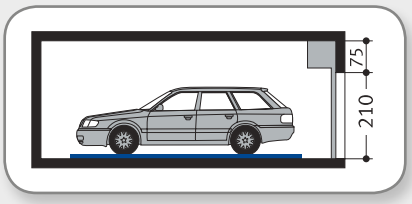
Descriptions of type names

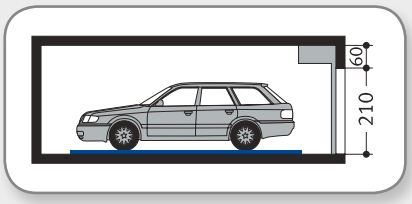
Type names



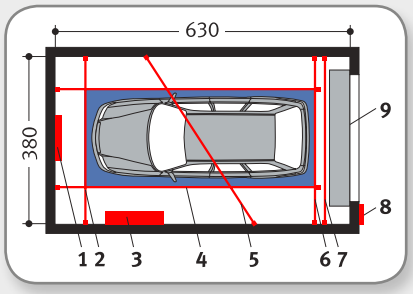
Doors

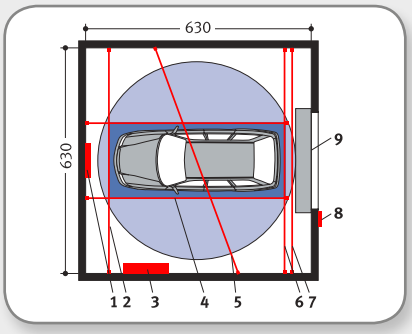






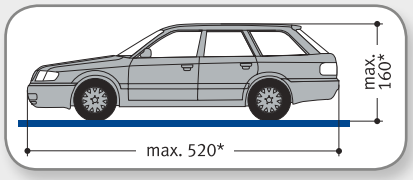
Transfer cabin

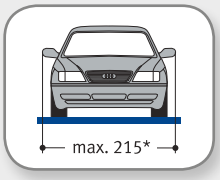




1 Plain text display
2 Length monitoring
3 Possible switching cabinet position
4 Width monitoring
5 Pallet occupied
6 Length monitoring
7 Height monitoring
8 Operator panel
9 Entrance door
(work area doors may also be required depending on the system)

Vehicle dimensions



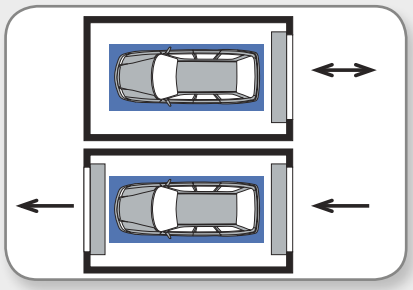


Weight: max. 2500 kg
Wheel load: max. 625 kg

* Other vehicle dimensions are possible on request.
It is also possible to have different vehicle heights on different levels.

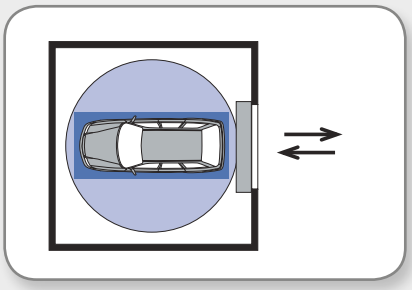
* These dimensions can deviate for various systems depending on the system size. Please contact Klaus Multiparking for additional information.

Types with transfer cabin

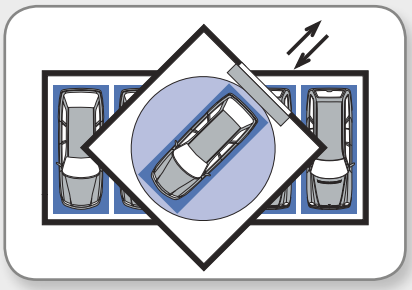


With one door:
- Drive in forwards
- Drive out backwards

With two doors:
- Drive in forwards
- Drive out forwards



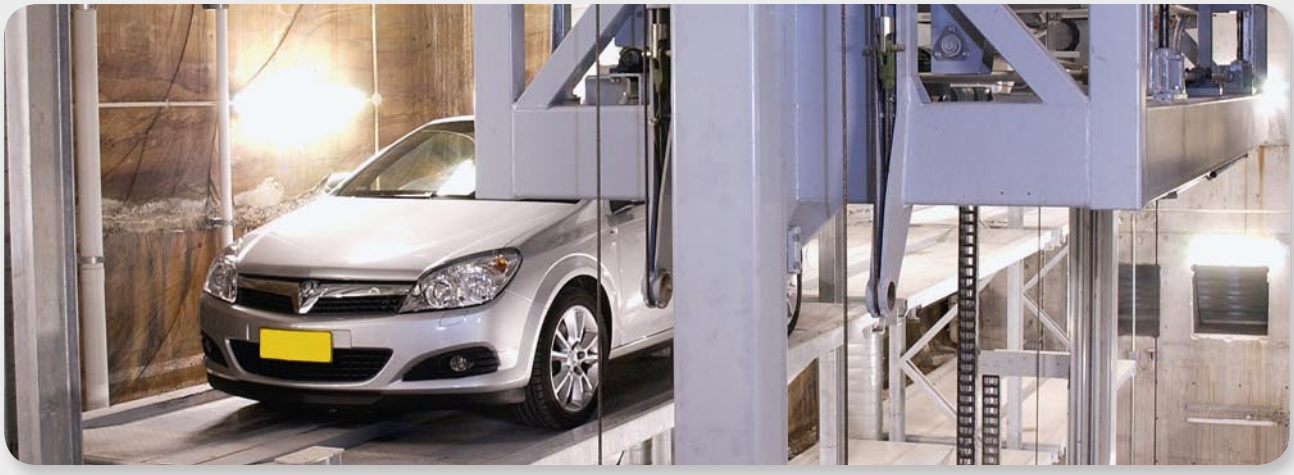
With one door and turning platform:
- Drive in forwards
- Drive out forwards



With turning platform:
Transfer cabin with the variable angle in relation to the system

Dimensions in cm. All information subject to technical modifications.

Space-optimizing technology: Automatic parking systems



Klaus automatic parking systems have the following features:

- More living space is available because of the minimal space requirements
- If less space is used for construction, the construction costs remain low
- An elevator is not needed for people when parking
- Personnel costs are reduced and energy costs are kept low
- The exhaust gas and above all the CO2 emissions are substantially reduced
- Protection against theft and vandalism is much better than in a conventional multi-storey parking garages
- Parking is extremely comfortable because the driver does not have to drive into and walk back out of the parking garage

The Klaus Multiparking advantage

A high level of planning freedom, regardless of how many parking spaces are needed.

Seamless adaptation
The automatic parking systems from Klaus can be optimally adapted to existing conditions at the site because of flexible planning.

Barrier-free parking
The comfortable transfer cabins can be made barrier-free so that they can be used by people with wheelchairs as well as handicapped individuals.

Parking assistance
The integrated parking assistance ensures fast and safe positioning of the vehicle.

Turning platform
A turning platform allows the vehicle to be driven in forwards and driven out forwards.

Level height
The level height can be selected as desired. In nearly all Klaus automatic parking systems, different level heights can be combined.

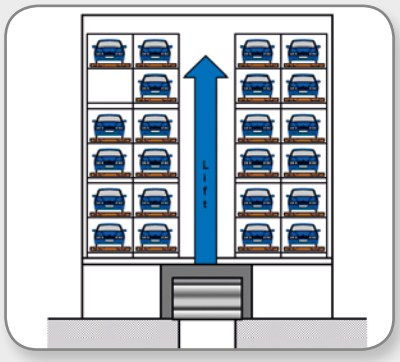
Fast help
Klaus automatic parking systems can be supervised and serviced remotely via tele-service. This provides a high level of functional security.

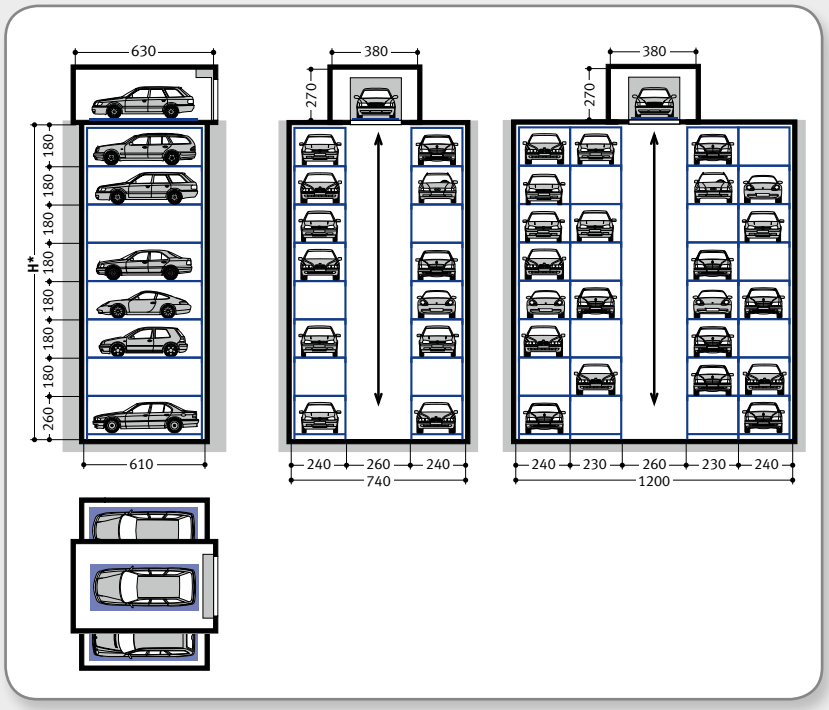
Usage control and billing of costs
With all automatic parking systems, connection of various access and payment systems is possible. That simplifies usage control and billing of costs.

An automatic tower system from Klaus is suitable whenever only a small area is available.
The system can be implemented above ground, underground or as a combination of both types.

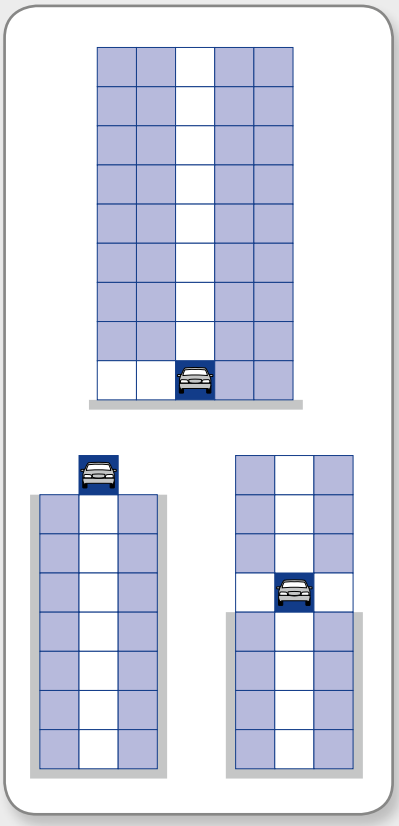
AP-R2

- Lift for vertical transport up and down
- Up to ten parking levels stacked, up to six vehicles per parking level
- The vehicle height can be selected as desired
- Different level heights are possible
- Load per parking space up to a maximum of 2500 kg
- Higher loads per parking space possible on request





Configuration possibilities
Transfer cabin



* These dimensions can deviate for various systems depending on the system size.
Please contact Klaus Multiparking for additional information.

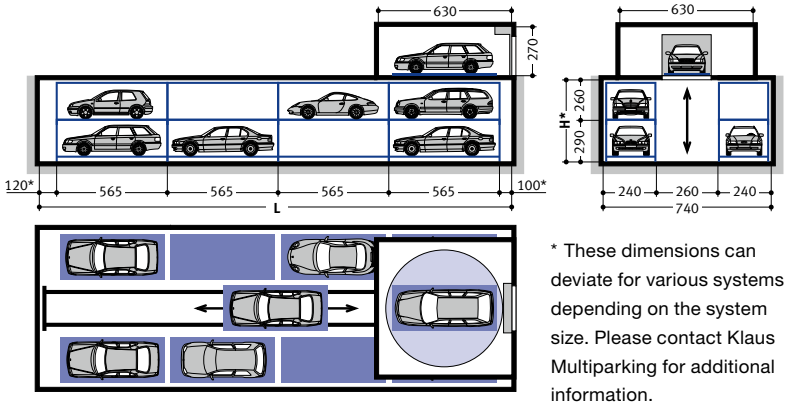
Dimensions in cm. All information subject to technical modifications.

AP-R3 shelf system

Automatic shelf systems are developed in a similar fashion to automatic high bay warehouses and have an increased range of movement as compared to the automatic tower system. Shelf systems are therefore particularly suitable for long and narrow properties and structures. The shelf systems can also be implemented above ground, underground or as a combination of both types.

AP-R3

- Storage and retrieval unit with horizontal and vertical handling equipment
- A turning platform in the transfer cabin or on the storage and retrieval unit allows the vehicle to be driven in forwards and driven out forwards
- Up to ten parking levels stacked
- The vehicle height can be selected as desired
- Different level heights are possible
- Load per parking space up to a maximum of 2500 kg
- Higher loads per parking space possible on request



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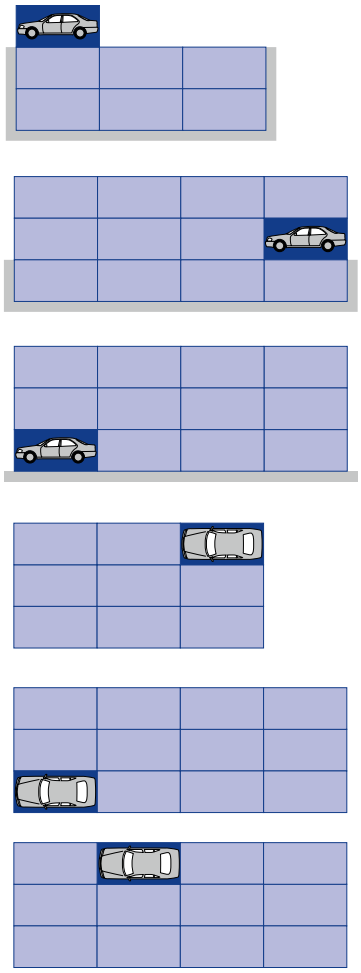
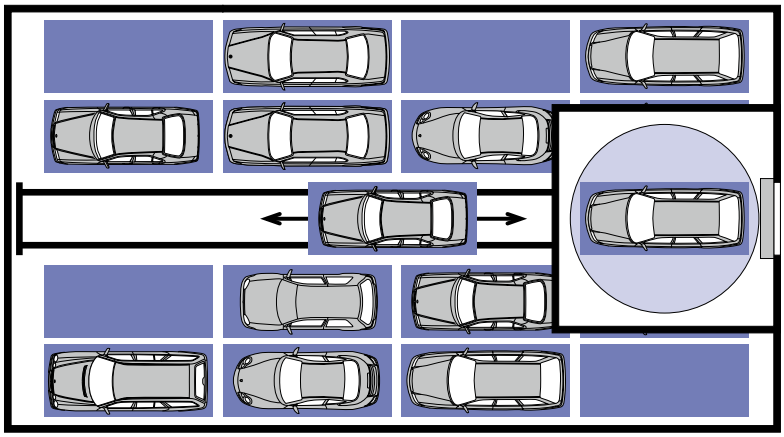
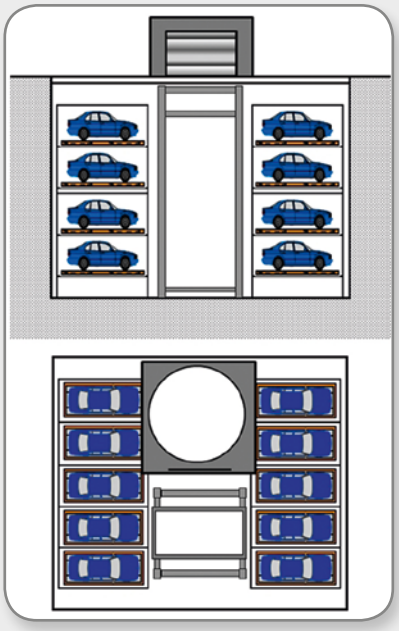
Configuration possibilities Transfer cabin



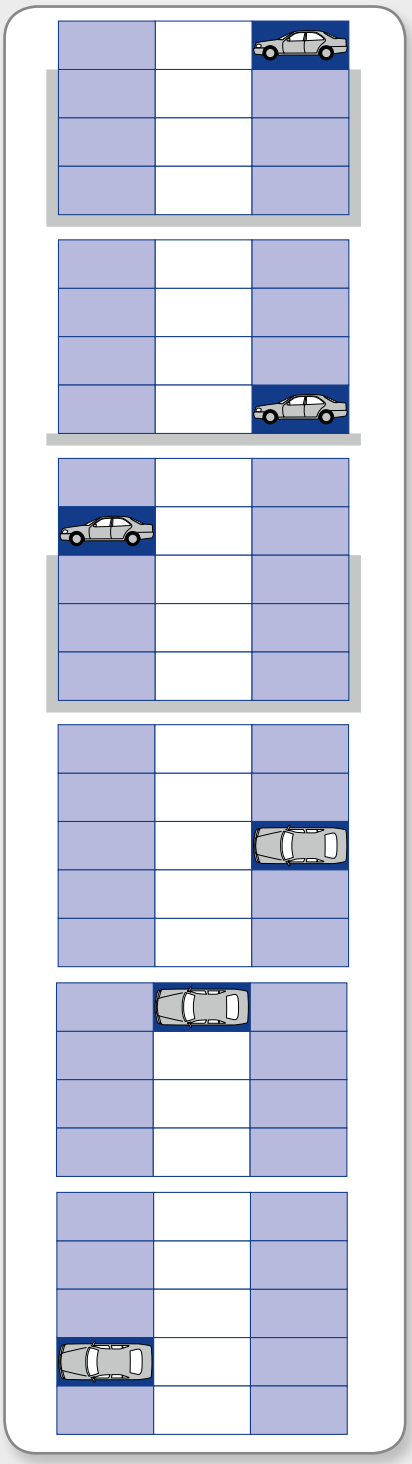
System types

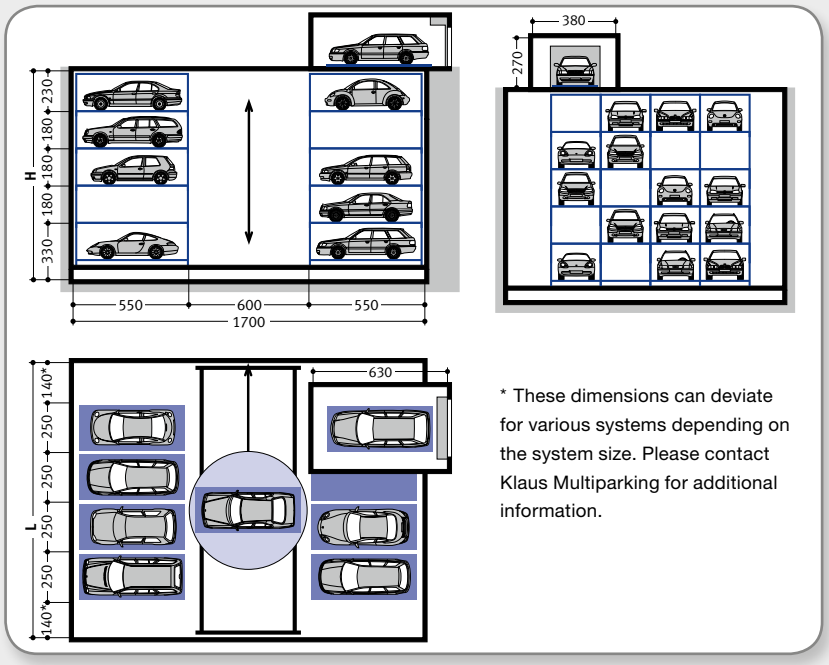




Dimensions in cm. All information subject to technical modifications.

Configuration possibilities
Transfer cabin





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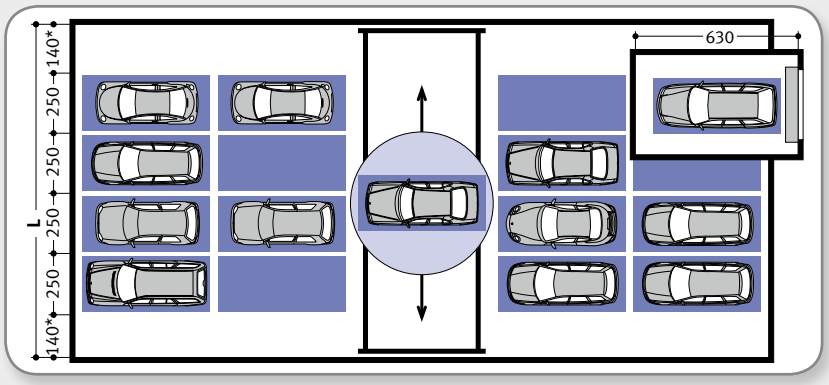
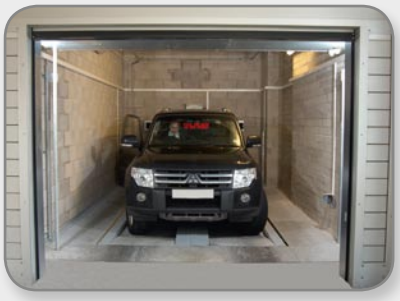
System types



AP-R3 shelf system reference projects

Madrid – Don Ramon de la Cruz



London – George Street

Sydney – Birchgrove

Dimensions in cm. All information subject to technical modifications.

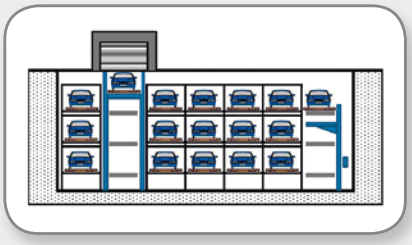
AP-F2 surface system

Automatic surface systems utilize the surface area of a structure optimally. Single-row or multi-row systems are available. They can be implemented above ground, underground or as a combination of both types.

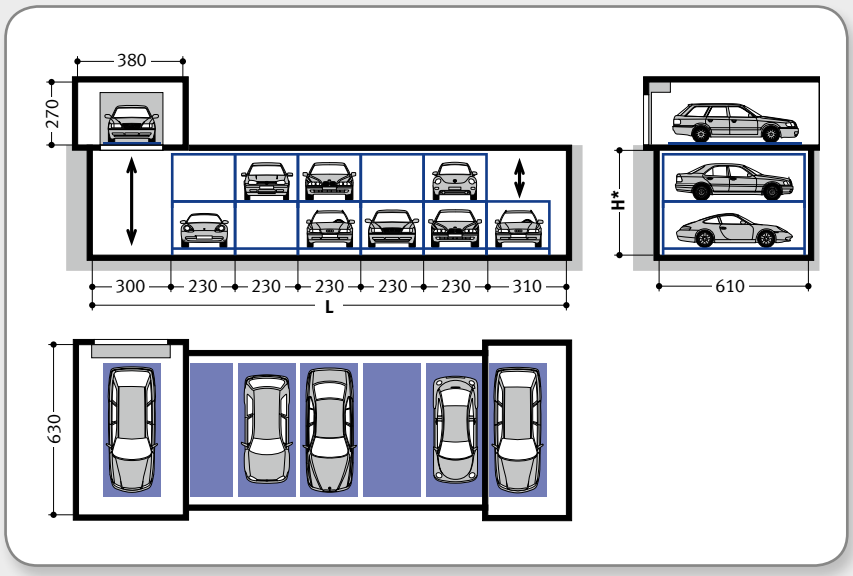
AP-F2

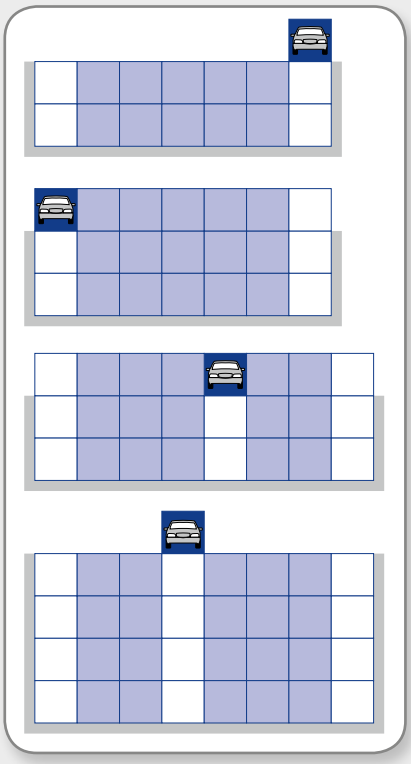
- Single-row surface systems with elevator and horizontal conveyor unit
- Five parking levels, one row with four to eight vehicles on each parking level
- Suitable for 20 to 40 vehicles
- The vehicle height can be selected as desired, but has to be uniform
- Load per parking space up to a maximum of 2500 kg

Higher loads per parking space possible on request.



Configuration possibilities Transfer cabin





* These dimensions can deviate for various systems depending on the system size.
Please contact Klaus Multiparking for additional information.

AP-F2 surface system reference projects

Liverpool – Beetham Tower

Madrid – Leganitos

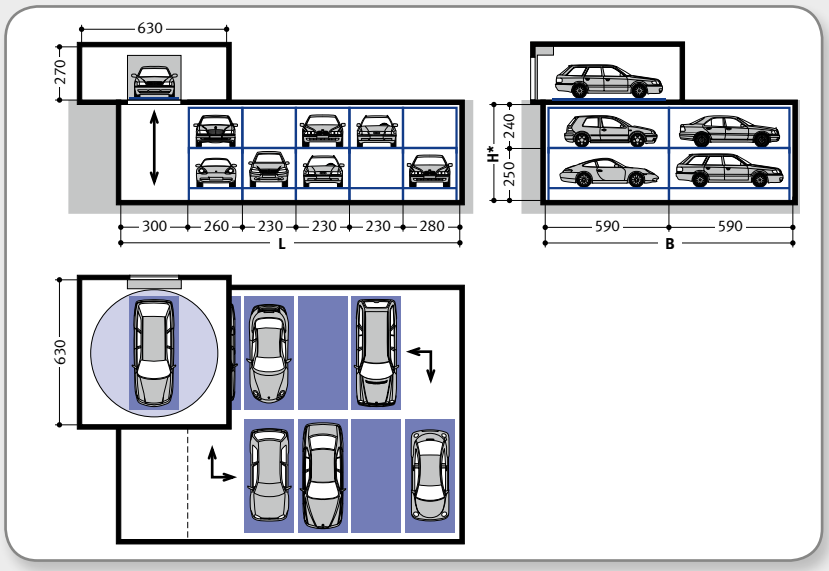
Munich – Lessingstraße

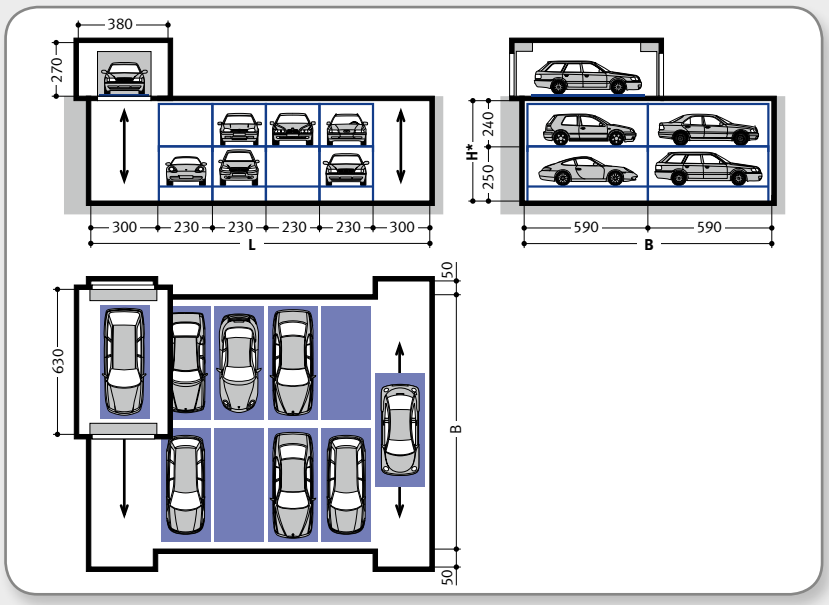
Dimensions in cm. All information subject to technical modifications.

AP-F3

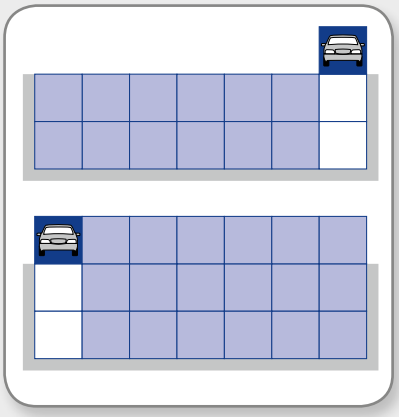
- Multi-row surface systems with elevator and horizontal conveyor unit
- Up to five parking levels, two to five rows with up to eight vehicles per row on each parking level
- Suitable for 20 to 50 vehicles per transfer cabin
- The vehicle height can be selected as desired, but must be uniform for each parking level
- Load per parking space up to a maximum of 2500 kg

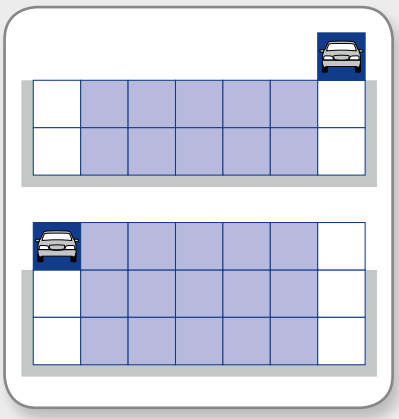
Higher loads per parking space possible on request.





Configuration possibilities Transfer cabin





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Dimensions in cm. All information subject to technical modifications.

Luxurious apartment complex with 20 hidden parking spaces in Sydney

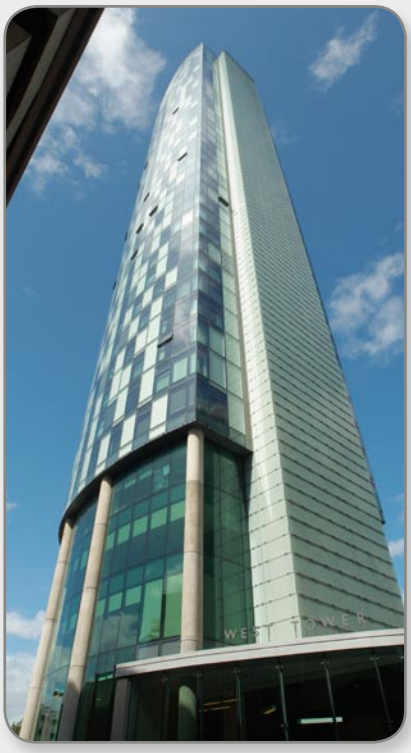
A fully automatic shelf system from Klaus was used at this luxurious apartment complex near the port in Sydney. This allows 20 vehicles to be parked in an eleven meter high system. For implementation, increased noise protection was important because the operating noise of the parking system was not to be heard in the individual apartments. The builder, Sunland Constructions, also placed high value on hidden installation of the parking system. The entrance door is fully integrated in the exceptional architectural design of the structure so that the garage entrance is not visible from the road.

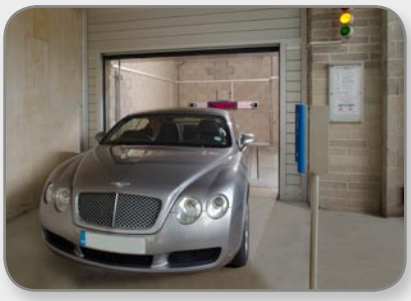
Builder: Sunland Constructions

The new office tower “Beetham Tower” in Liverpool

Automatic parking systems from Klaus make it big in England, and also in the literal sense of the word. The biggest office building in the city Liverpool, the 90 meter glass-covered “Beetham Tower” with 27 floors, uses a fully automatic surface system from Klaus for parking.

The “Beetham Tower” is the fifth highest office building in Great Britain and has an exclusive penthouse and its own restaurant. For the entire complex, there are only 15 parking spaces in the basement, which are all reserved for VIPs. Regardless of if it‘s a Rolls Royce or a Bentley, prominent guests‘ vehicles are parked using a fully automatic Klaus system. In order to save space near the entrance, a new rotating system was used in the parking area for the “Beetham Tower” project.





The new Swiss Museum of Transport in Luzern

The creators are proudly discussing a Museum of Transport V 2.0. And indeed, antique cars and automatic parking of the highest quality come together there. In the new exhibition storage and auto theatre at the Swiss Museum of Transport, a fully automatic Klaus high bay system and a Klaus parking robot handle the presentation of 80 exhibits.

In the auto theatre, the visitors can have their favourite exhibit driven onto the turntable stage at the push of a button. Formula 1 race cars from 2005, or the first mobile support vehicle in Switzerland from 1860. And the main attraction: The exhibition storage is open on the visitor‘s side so that the museum guests can view the entire fully automatic parking procedure live. The vehicles are driven into and out of the parking spaces using 42 pallets from Klaus.

KLAUS multiparking

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