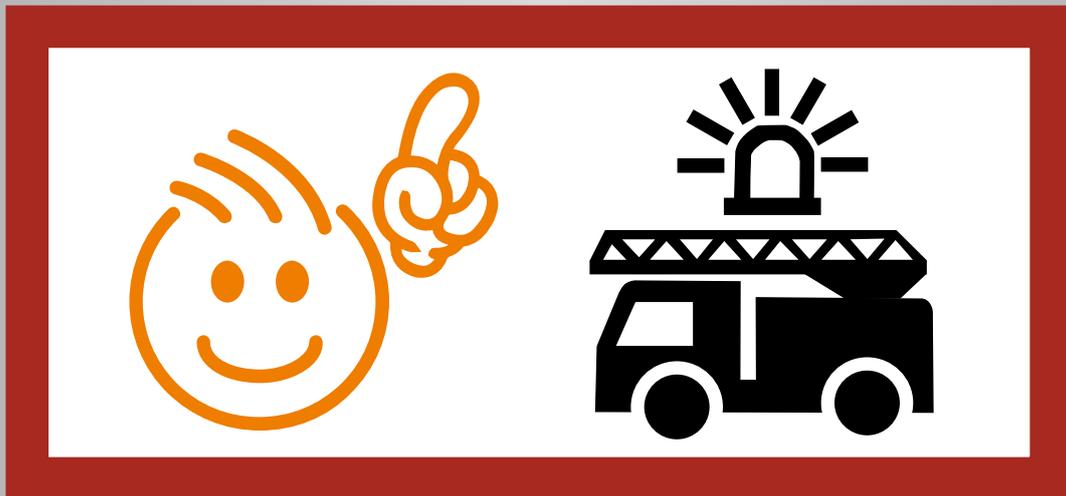


Product data

Fire protection information for door systems

Fire department setting and fire extinguishing systems



trendvario 6000



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Explanation of symbols



Additional information regarding product data

Dimensional specifications & tolerances

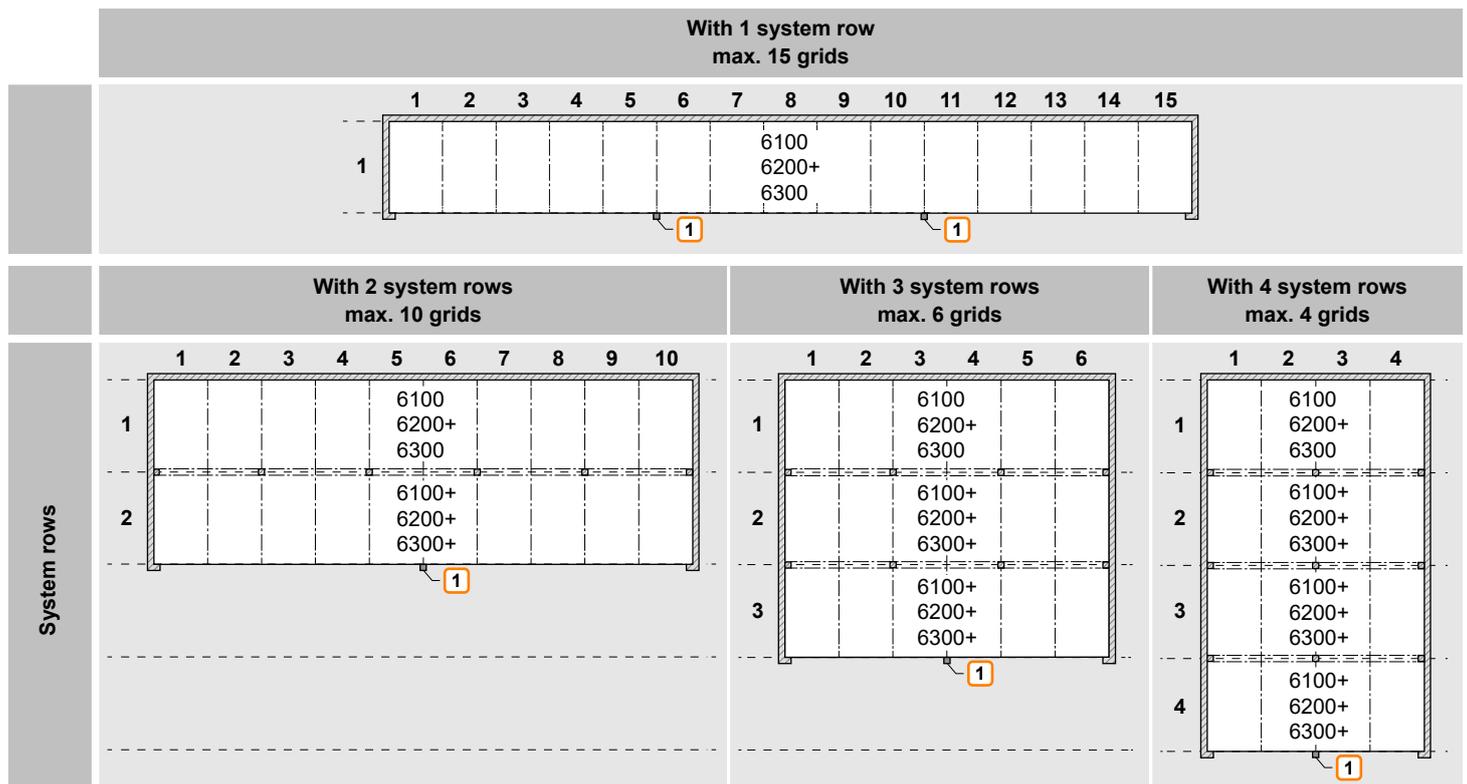


All structural dimensions are minimum finished dimensions.

Tolerance for structural dimensions: +1.2/-0". Dimensions in inches (in).

The tolerances specified in the German Construction Contract Procedures (VOB), Part C (DIN 18330 and 18331) as well as DIN 18202 must also be taken into account in order to adhere to the minimum finish dimensions.

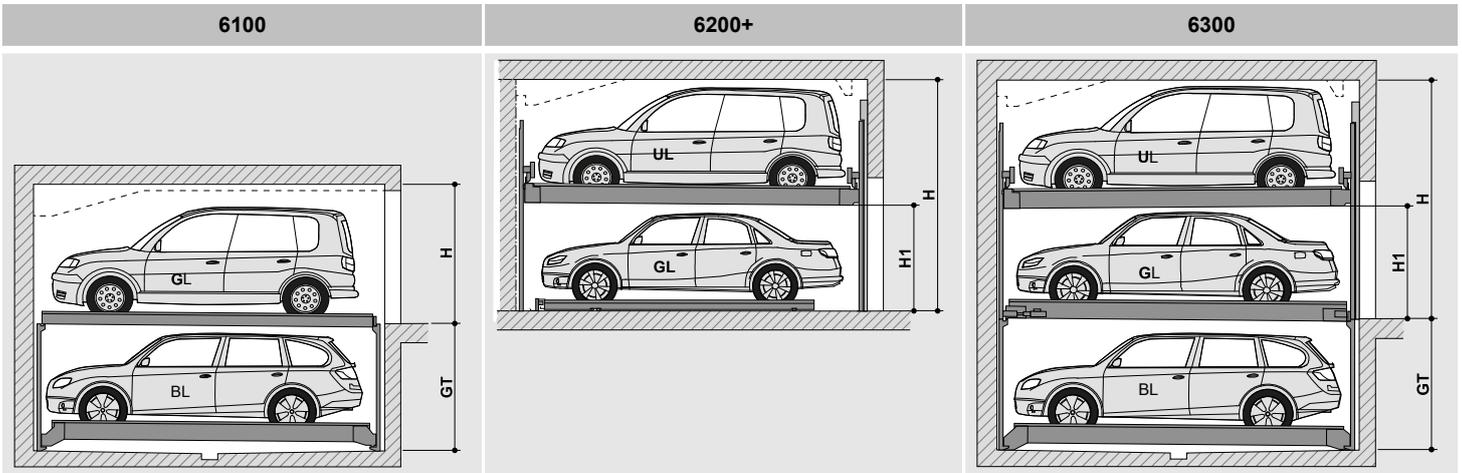
Arrangement of grids



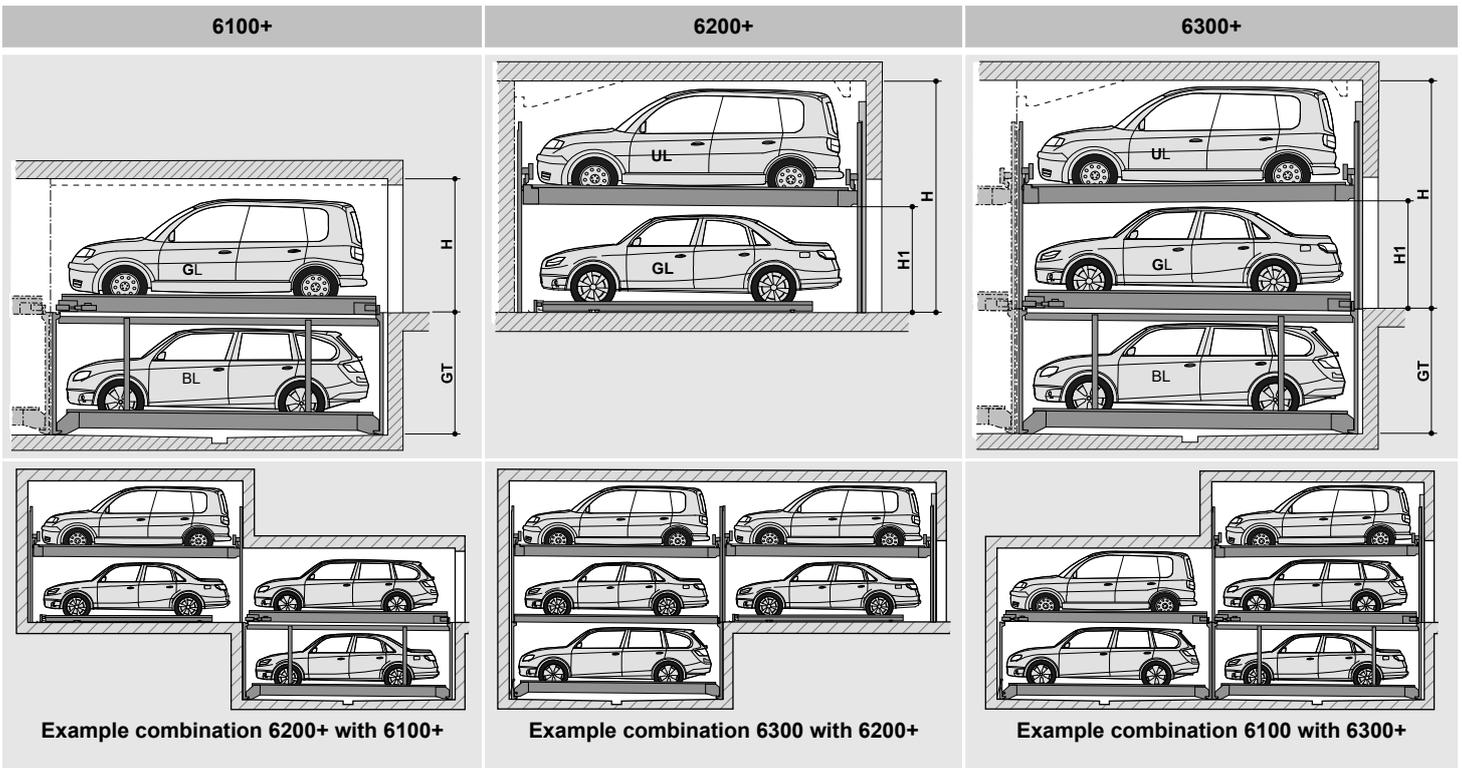
1 Control panel

System overview

Single-row TrendVario systems



Multi-row TrendVario systems



Door system

Vertical doors

Fire protection

- Emergency release from outside with M10 triangular fire department key as per DIN 3223
- Additional control for fire department see *"Additional control for fire department – fire department setting", page 5*
- Filling can be kicked in

Filling	Possible extinguishing measures
Aluminum perforated plate <ul style="list-style-type: none"> ■ Round holes, 0.4"; distance between holes: 0.6" ■ Thickness: 0.06" ■ Ventilation cross-section of the filling approx. 30% 	<ul style="list-style-type: none"> ■ Emergency release from outside ■ Kicking in the filling

Sliding doors

Fire protection

- Emergency release from outside with KLAUS Multiparking special key
- Fire department setting possible with a surcharge see *"Additional control for fire department – fire department setting", page 5*
- Filling can be kicked in depending on design

Door filling	Possible extinguishing measures
Aluminum perforated plate <ul style="list-style-type: none"> ■ Round holes, 0.4"; distance between holes: 0.6" ■ Thickness: 0.06" ■ Ventilation cross-section of the filling approx. 30% 	<ul style="list-style-type: none"> ■ Emergency release from outside ■ Kicking in the filling
Plain aluminum sheet <ul style="list-style-type: none"> ■ Without opening ■ Thickness: 0.08" 	<ul style="list-style-type: none"> ■ Emergency release from outside
Corrugated steel sheet <ul style="list-style-type: none"> ■ Without opening ■ Thickness: 0.04" 	<ul style="list-style-type: none"> ■ Emergency release from outside
Wood filling <ul style="list-style-type: none"> ■ Without opening ■ Vertical tongue and groove boards 	<ul style="list-style-type: none"> ■ Emergency release from outside
Composite safety glass <ul style="list-style-type: none"> ■ Without opening ■ Composite safety glass made of tempered glass 0.32"/0.16" 	<ul style="list-style-type: none"> ■ Emergency release from outside
Wire mesh <ul style="list-style-type: none"> ■ Mesh size 0.5" x 0.5" ■ Wire diameter: 0.08" ■ Ventilation cross-section of the filling approx. 70% 	<ul style="list-style-type: none"> ■ Emergency release from outside ■ Spraying through the door ■ Kicking in the filling

Additional control for fire department – fire department setting

General information

If the fire department or pertinent authorities demand that the lower parking spaces of the TrendVario 6000 model range are accessible as a fire extinguishing option, then we can – where feasible – offer the additional "fire department" control described below to meet this requirement. We note in advance that this is merely a proposal from KLAUS Multiparking GmbH for which the customer may have to obtain approval from the pertinent authorities.

Description

With the standard design, the basic setting of the parking system is always such that there is no opening behind the closed doors at the entrance level and it is not possible to access the pits. With the additional "fire department" control, no platform is made available in a selected grid at the entrance level, which means there is an opening. But this opening is of course behind the closed doors for technical safety reasons! The customer must indicate which grid is to be designed in this way in good time before production starts. The customer is responsible for any marking required for the door in question, including arranging and agreeing the marking with the appropriate authorities.

Operation

The user selects a parking space with the coded key. The door then opens and the user enters or exits the parking space. Once the car has entered or exited, the door must be closed. When the door is closed, the control automatically provides the fire department opening.

Door opening for the fire department

Vertical door/sliding door with electric drive:

- The vertical door defined as fire department access can be opened via the key switch using an M10 triangular fire department key as per DIN 3223. This key switch is mounted next to the defined grid.
- In the event of a power failure, the door can only be opened via the emergency release.

Fire extinguishing systems

If fire extinguishing systems are required, the customer must provide the necessary clearances. The dimensional specifications in the product data sheet are minimum finished dimensions that do not account for fire extinguishing systems.

If needed, a sample design of a fire extinguishing system for our parking system can be requested from Klaus Multiparking. The fire extinguishing system must be installed on site after the parking system has been installed.

Technical information

Fire protection

The requirements and obligations regarding fire protection and the necessary equipment (fire extinguishing systems, fire alarm systems, etc.) depend on local regulations and conditions. We are therefore unable to provide detailed information on the design of the fire protection system.

Fire department access

The components made available exclusively for the fire department, with which the door of the grid can be opened even if there is a risk of falling, must be kept under lock and key! They may only be used by the fire department, not by unauthorized individuals. The operator is responsible for these components.

Right to technical changes reserved.

In carrying out its performances in the course of technical progress, KLAUS Multiparking is free to use new or different technologies, systems, processes or standards than those initially quoted, provided this does not result in any disadvantages for the customer.

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