

Semi-automatic parking systems

Putting an end to limited parking space.





KLAUS Multiparking.

Premium quality for almost 60 years.

Convenient parking in a small area is a decisive factor in urban living – today more than ever before. KLAUS Multiparking realised this at an early stage. Since 1964, we have focused on the production of premium parking systems that satisfy the highest quality requirements. In doing so, we attach great importance to the “Made in Germany” factor.

At KLAUS Multiparking, this includes excellent service as a matter of course. Planning, implementation, maintenance and technical support therefore form a reliable system, which ensures the maximum cost effectiveness of our solutions. We are constantly developing our parking technology – geared towards the ever growing demands of designers and users for an intelligent and convenient use of space.

Over 25,000 successfully implemented projects and several hundred thousand installed parking spaces worldwide tell their own story – and have prepared us for virtually any challenge.





The parking revolution.

With the 6000 series, the brand new generation of our TrendVario semi-automatic parking system, we are offering you and your customers completely new opportunities for the property projects you are working on together.

From now on, compared with previous semi-automatic solutions, you can increase the number of parking spaces by up to 30 percent while using the same amount of space. This is made possible by the first ever freely configurable modular system that can be completely driven on, even in the pit.

A new level of freedom.

You can completely change the way you think about urban building. Enjoy the planning freedom and make the most of the parking opportunities available.

Parking of the future.

Our semi-automatic parking systems from the TrendVario 6000 series stand for the parking of the future. There are no limits to future mobility. Quite the opposite – all of the parking spaces can of course be equipped with e-charging columns and our popular BikeSafe XS for bicycles or BikeSafe XL for motorcycles. This can also be done retrospectively.

The standard load-bearing capacity of 2,000 kg per parking space can be increased to 3,000 kg either for all parking spaces, or just individual ones. This can also be done retrospectively.

Parking. So smart.

TrendVario makes parking really smart. The user has a wide variety of electronic operating systems to choose from.

TrendVario. All semi-automatic parking systems at a glance.

The new 6000 series of our TrendVario semi-automatic parking system consists of the following models: TrendVario 6100, 6200-plus (with two levels each) and 6300 with three levels. Both the 6100 and 6300 systems are also available in the respective “plus” version, which can be driven through. All systems can be freely combined with each other. As a result, four TrendVario parking rows can be created one after the other, without the need for any additional access lanes.



■ trendvario 6100

The premium semi-automatic parking system with a pit.

The lower floor (LF) platforms are moved vertically, the ground floor (GF) platforms horizontally. There is always one less parking space available on the drive-in level (GF). This vacant space is used for the sideways movement of the parking spaces on the ground floor, so that a parking space situated on the lower floor below can be raised to the drive-in level. Thus, the smallest possible unit for this parking system comprises three parking spaces (one on the GF, two on the LF).

- 15 grids next to each other – up to 29 parking spaces are possible.
- Building height from 220 cm.
- Pit depth: 175 cm to 240 cm in 5 cm increments.
- Vehicle dimensions: height 150 cm to 245 cm, length 500 cm to 530 cm.

■ trendvario 6100+

The premium semi-automatic parking system with a pit that can be driven through.

The system can be driven through and combined with the TrendVario 6100, 6100-plus, 6200-plus, 6300 and 6300-plus.

- 4 rows behind each other and 4 grids next to each other – up to 28 parking spaces are possible.
- Building height from 220 cm.
- Pit depth: 200 cm to 250 cm in 5 cm increments.
- Vehicle dimensions: height 150 to 245 cm, length 500 cm to 530 cm.



■ trendvario 6200+

The premium semi-automatic parking system without a pit that can be driven through.

The system can be driven through and combined with the TrendVario 6100, 6100-plus, 6200-plus, 6300 and 6300-plus. The upper floor (UF) platforms are moved vertically, the ground floor (GF) platforms horizontally. There is always one less parking space available on the drive-in level (GF).

This vacant space is used for the sideways movement of the parking spaces on the ground floor, so that a parking space situated on the upper floor above can be lowered to the drive-in level. Thus, the smallest possible unit for this parking system comprises three parking spaces (one on the GF, two on the UF).

- 4 rows behind each other and 4 grids next to each other – up to 28 parking spaces are possible.
- Building height from 330 cm.
- Vehicle dimensions: height 150 to 220 cm, length 500 cm to 530 cm.

■ trendvario 6300

The premium semi-automatic parking system with 3 parking levels and a pit.

The lower floor (LF) and upper floor (UF) platforms are moved vertically, the ground floor (GF) platforms horizontally. There is always one less parking space available on the drive-in level (GF). This vacant space is used for the sideways movement of the parking spaces on the ground floor, so that a parking space situated on the upper floor above or on the lower floor below can be raised or lowered to the drive-in level. Thus, the smallest possible unit for this parking system comprises five parking spaces (two on the UF, one on the GF, two on the LF).

- 10 grids next to each other – up to 29 parking spaces are possible.
- Building height from 325 cm.
- Pit depth: 175 cm to 240 cm in 5 cm increments.
- Vehicle dimensions: height 150 cm to 220 cm, length 500 cm to 520 cm.

■ trendvario 6300+

The premium semi-automatic parking system with a pit that can be driven through.

The system can be driven through and is combined with the TrendVario 6100, 6100-plus, 6200-plus, 6300 and 6300-plus.

- 4 rows behind each other and 4 grids next to each other – up to 44 parking spaces are possible.
- Building height from 335 cm.
- Pit depth: 200 cm to 250 cm in 5 cm increments.
- Vehicle dimensions: height 150 to 220 cm, length 500 cm to 530 cm.



TrendVario 6300 / 6300-plus combination

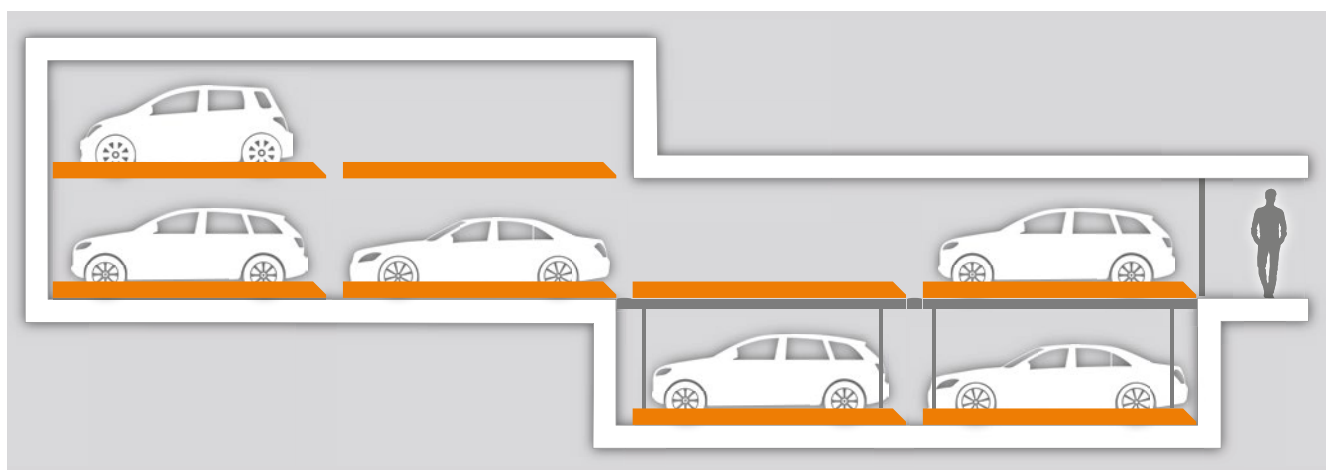


trendvario 6200+

trendvario 6200+

trendvario 6100+

trendvario 6100+



All TrendVario-plus models can be combined any way you like, one after the other, in up to 4 rows. The “plus” stands for the model that can be driven on.



Level access to platforms.



Max. load per parking space in kg.
Maximum loads over 2,000 kg possible at additional cost.



Platform load-bearing capacity can be increased retrospectively.

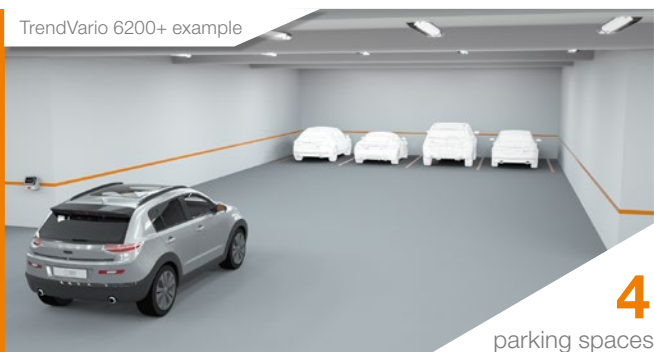


Can be driven through and combined with other TrendVario systems as a combined system.



The available systems comply with DIN EN 14010 and the EC Machinery Directive 2006/42/EC. This system was also subject to a voluntary conformity test by the technical inspection authority TÜV SÜD.

TrendVario 6200+ example



Save space with multiple rows.

When the TrendVario 6100-plus, 6200-plus and 6300-plus models that can be driven through are integrated in a combined parking system, there is no need for any additional access lanes and a significantly higher number of parking spaces can be created in the same amount of space.



High degree of safety.

For safety reasons, movement of the platforms always takes place behind locked gates.



Convenience.

The positioning aid on every parking space makes positioning vehicles easy and convenient.



Please note:

An access road must be available across the entire width of the parking system.
(Min. access lane width in accordance with local regulations)

Secure and convenient: Electronic operating systems.

It is primarily the secure and convenient access and user authorisation that make TrendVario complete. There are several electronic operating systems to choose from. They can be perfectly adapted to the technical infrastructure. Standard operation is carried out using SmartChip and RFID directly on the garage. Access using the handy SmartPortable device, which transmits wireless or infrared signals, is more convenient. Operation using SmartApp on a smartphone is the more innovative option here.

Access the parking garage using your smartphone.

Smartphones are already a firm fixture in our digital day-to-day life. That's why KLAUS Multiparking is offering the SmartApp for TrendVario. You can request parking spaces, open or close gates and switch on garage lighting with ease. Aside from a high level of convenience, it goes without saying that security is also a top priority for this innovative operating concept.



SmartChip // Standard pack

- Includes a digital, HD colour touchscreen
- Includes two SmartChips per parking space



SmartPortable // Convenience pack

- Includes a digital, HD colour touchscreen
- Includes two SmartChips per parking space
- ControlUnit
- Includes receivers (infrared/radio/flashlight) and one remote control per parking space



SmartApp // Complete pack

- Includes a digital, HD colour touchscreen
- Includes two SmartChips per parking space
- ControlUnit including receivers (infrared/radio/flashlight)
- One remote control per parking space
- Includes Bluetooth transmitter and receiver unit
- One QR code card with access to the "Park & Smile Air" SmartApp
- Free app for iOS & Android



Diverse and attractive: Gates in several colours and materials.

The choice is yours: around 50 individual variations are possible in different materials and colours – to suit any taste and any house facade. Utmost safety and maximum convenience for day-to-day life: all of our gates open and close electronically and quietly at the touch of a button. For your safety, the platform movement sequences always take place behind closed gates. The vehicles are also provided with optimum protection from theft and vandalism.



Integrated vertical gate – KLAUS-V-Gate.

- ✓ No individual planning necessary
- ✓ No fastening to the building
- ✓ Integrated into the system
- ✓ Lightweight construction with perforated aluminium plate

The TrendVario 6200 and 6300 series as well as theirplus models are also setting a new benchmark in terms of the gate solution, because semi-automatic parking systems are now equipped with fully integrated vertical gates, the KLAUS-V-Gate, for the very first time.

The advantage for you is not needing to worry about finding on-site solutions, because the TrendVario already comes as a self-contained system.

Perforated aluminium plate

- Thickness 2 mm, RV 5/8 E6/EV1, anodized, layer thickness approx. 20 µm
- Ventilation cross-section of the panelling approx. 40%

Sliding gates

Alternatively, you can also opt for the model with electric sliding gates. In this case you have the following options.



Perforated aluminium plate

- Thickness 2 mm, RV 5/8 E6/EV1, anodized, layer thickness approx. 20 µm
- Ventilation cross-section of the panelling approx. 40%



Beaded steel plate

- Thickness 1 mm, hot-dip galvanized, layer thickness approx. 20 µm
- Also powder coating, layer thickness approx. 25 µm on the outside and approx. 12 µm on the inside



Plain aluminium sheet

- Thickness 2 mm, E6/EV1, anodized, layer thickness approx. 20 µm



Laminated safety glass

- LSG consisting of TSG 8/4 mm



Hot-dip galvanized wire grating

- Mesh size 12 x 12 mm



Nordic spruce wooden panelling

- Grade A Nordic spruce
- Vertical tongue and groove boards
- Preimpregnated (colourless)

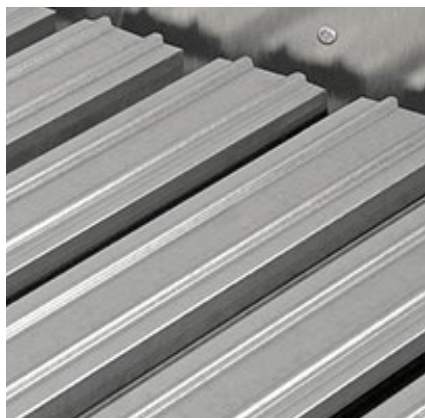
KLAUS-V-Gate / Sliding gates

- Extruded anodized aluminium profiles as a durable frame construction
- Rubber lip on the closing edge for a neat connection to the building
- Interchangeable panels and segments to easily and quickly repair any damage caused by collisions.

Partitions / Gate shields

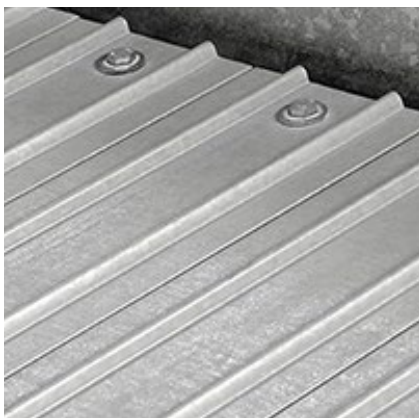
- Side partitions and gate shields available as optional extras

Strong and stable in value: Platform profile sheets for platform coating.



StandardGrip

Hot-dip galvanized standard profile, no extra charge.



EasyWalk

This platform coating consists of continuous, hot-dip galvanized steel profiles with 12 mm high "beads" that run perpendicular to the platform.

It is ideal for anyone who values the advantages of a modern platform coating with an excellent walking and driving surface and who wants a higher level of convenience than offered by the "StandardGrip" base model.



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12 JAHRE PREMIUM GARANTIE

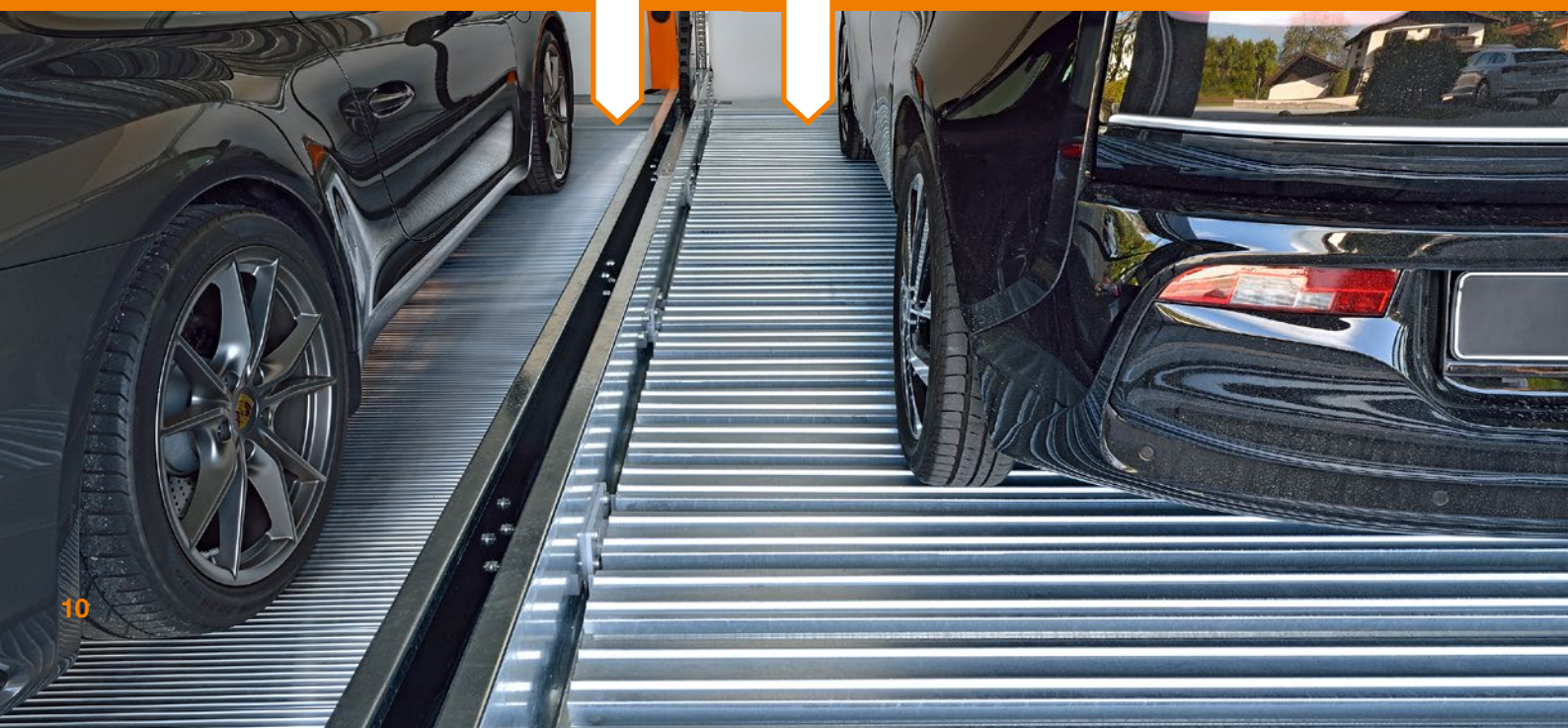
AluLongLife

In many respects, the aluminium profile is an unrivalled material with excellent everyday properties:

- Rust-resistant
- Durable and stable in value
- Easy-to-maintain
- Lightweight and yet extremely strong
- Excellent resistance to corrosion and weathering
- Excellent grip when walking and driving
- High resistance to abrasion

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StandardGrip





Our personal online support.

Our technical support team will be happy to help you implement your plans. In a personal online appointment, we will gladly cast a professional eye over your plans and be happy to advise you on your product choice.

How the online planning service works:

1. Answer a brief series of questions about your project.
2. We will organise a consultation appointment with you.
These are available at the following times:
Monday-Thursday from 08:00-12:00 and from 13:00-16:00
Friday from 08:00-12:00
3. Discuss your project with our experts.

Arrange your appointment here – it's easy and convenient:

Online > www.multiparking.com >>

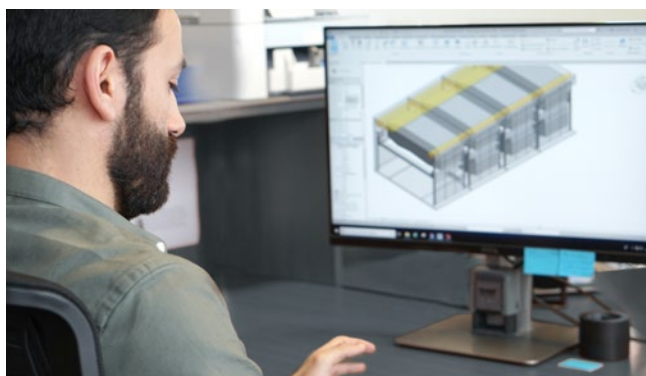


Product finder.

Personalised and straightforward.

Find the system that best suits your requirements using our configurator:

www.multiparking.com/produktkonfigurator



BIM-ready.

Clever demonstrations.

To enable you to integrate the perfect parking system into your plans as quickly and easily as possible, simply use our BIM models. Thanks to the integration of dxf and dwg files, you can transfer the parking space to your 3D building model in just a few clicks and impress your clients.

Videos.

More clips.

Videos and animated demonstrations of the TrendVario can be found on our YouTube page:



■ trendvario 6100



■ trendvario 6200+



■ trendvario 6300

Wenn Sie lächeln, haben wir unser Ziel erreicht.
When you smile, we have achieved our goal.

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