



KVARIO 8000

THE LATEST GENERATION OF SEMI-AUTOMATIC PARKING SYSTEMS



WHY KVARIO



| WITH OR WITHOUT PIT SOLUTIONS

The kVario 8000 adapts to the requirements of your construction project. Whether installed without a pit on a simple base slab or with a pit for optimal integration into the building, the system offers maximum planning flexibility and enables efficient parking solutions for buildings with up to five levels.

Pros:

- Reduced construction costs
- Faster project implementation
- Minimal intervention in the existing infrastructure
- Up to 5 levels possible

| ACCESS ONLY EVERY 2ND GRID

Solution to the edge grid problem

Thanks to the new development, only every second grid is equipped with a gate. This eliminates the need for an access lane along the edge. This optimisation significantly reduces the space required for access lanes and creates more open space.

Pros:

- No access lane necessary on the edge
- Higher space utilisation
- More compact design





I FREE SPACE BETWEEN ENTRANCES

The open spaces between the entrance gates are available for flexible use and can be creatively integrated into the building design.

Possible uses:

- Advertising space
- Bicycle parking
- Rubbish bin areas
- Integration of building supports and technology (statics)

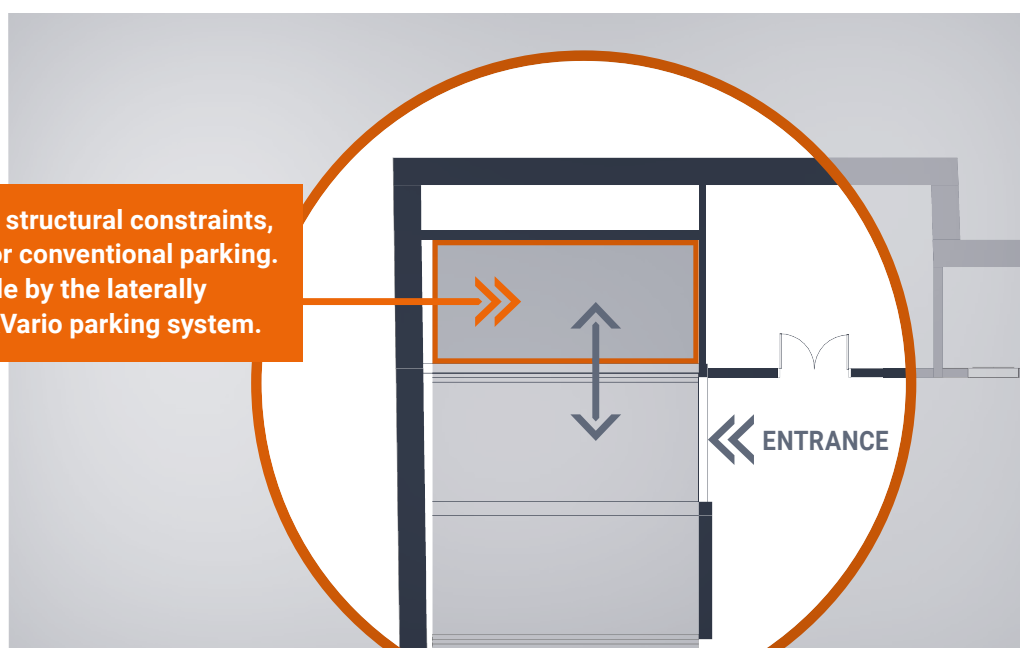
I SPACE-EFFICIENT CORNER CONSTRUCTION

Thanks to the flexible modular design, even hard-to-reach areas in the building can be accessed for parking use.

Pros:

- Use of previously undeveloped areas
- Optimal integration into complex floor plans

Better use of space: due to structural constraints, this area cannot be used for conventional parking. Utilization is made possible by the laterally movable platforms of the kVario parking system.



WHY KVARIO



I TOWER SYSTEM

The **Tower System** is a compact parking solution that has been specially developed for confined parking and urban spaces. In the **kVario** version with 3 grids, a single entrance is sufficient, significantly reducing the development costs and further increasing space efficiency.

Special features:

- **Only one central entrance required**
- **Easy control of the traffic flow to the parking system**
- **Perfect for inner-city locations and narrow plots**
- **Compatible with various traffic and operating concepts**

I MULTI-ROW

The combi-system opens up completely new possibilities in planning. With up to four rows, the system can be flexibly adapted to local conditions and offers maximum spatial efficiency – even when space is limited.

- **Up to 4 rows can be flexibly combined**
- **More parking spaces on the same floor space**
- **Perfect for inner-city and complex plots**
- **Flexible traffic and operating concepts**

I ONLINE MONITORING WITH PARKBEAT®

The system can be monitored in real time, thanks to an independent Internet connection. In the event of technical problems, a direct error analysis can be carried out remotely without delay.

Pros:

- **Greater operational reliability:** malfunctions can be detected and rectified quickly.
- **Minimised downtime:** faster response means less loss of use.
- **Efficient service:** remote analysis saves time and resources.





| SAFETY

Protection against vandalism

The entrances to our system are comprehensively secured by robust, fully enclosing sliding gates. These close seamlessly and thus reliably prevent any unauthorised access.



- Access only for authorised persons
- No unauthorised access possible
- High resistance due to robust construction

Personal safety / public areas

The system is designed in such a way that there is no danger to uninvolved persons.



- All moving parts are shielded
- No open access to hazardous areas
- Safe operation even in publicly accessible areas

System safety

The precise guidance and protected design of all moving components ensure safe, controlled and trouble-free operation of the system.



- Precise platform guidance prevents swaying and tilting
- Protected components for high operational reliability
- Low maintenance requirements and high system availability

PRODUCT FEATURES



COMFORT

Easy entry and exit

The entrance area is designed to allow the users convenient, level access when entering and exiting.

- Bright and user-friendly entrance
- An optimal blend of comfort and functionality
- Easy access to the system even with multi-row systems

Access times – fast and convenient

Thanks to intelligent control and precise drive technology, the system enables short waiting times – regardless of system type or size.

- **Single-row & multi-row:** vehicle available within approx. 75 seconds
- **Avoidance of backlogs:** short access times minimise waiting times and promote a smooth flow of traffic.





TAILOR-MADE SOLUTIONS

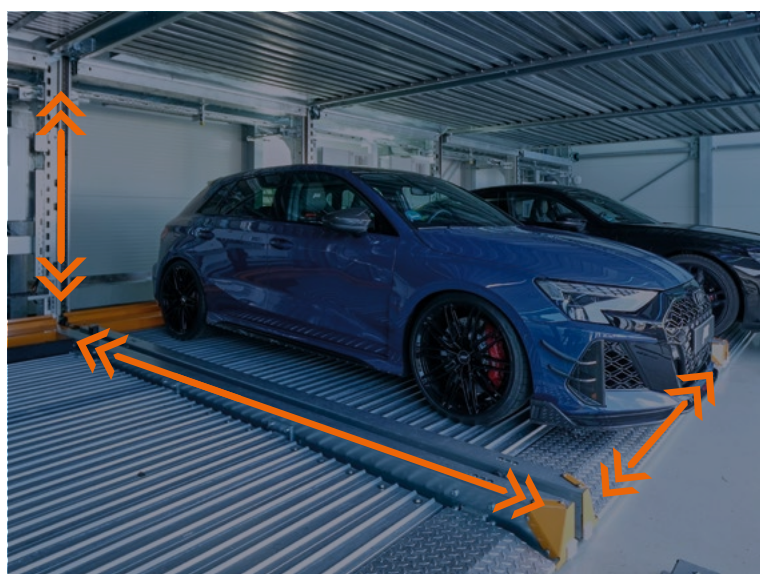
System variants

- Up to 5 levels can be realised: (4 upper floors, ground floor and 4 lower floors)
- 11 configurable system variants for different project requirements

System kVario	8140	8130	8120	8230	8220	8320	8310	8300	8410	8400	8500
Ebenen	1↑ 4↓	1↑ 3↓	1↑ 2↓	2↑ 3↓	2↑ 2↓	3↑ 2↓	3↑ 1↓	3↑ 0↓	4↑ 1↓	4↑ 0↓	5↑ 0↓
OG 4											
OG 3											
OG 2											
OG 1											
EG											
UG 1											
UG 2											
UG 3											
UG 4											

Platform dimensions

- **Platform widths:** 5 variants (230–270 cm)
- **Pit length:** 600 cm, 620 cm (for vehicle lengths up to 520 cm)
- **Vehicle parking height:** from 170 to 210 cm (on the ground floor at least 200 cm)



PRODUCT FEATURES



E-Mobility

- Set-up possible for charging infrastructure of up to 22 kW
- Retrofit-compatible for existing systems



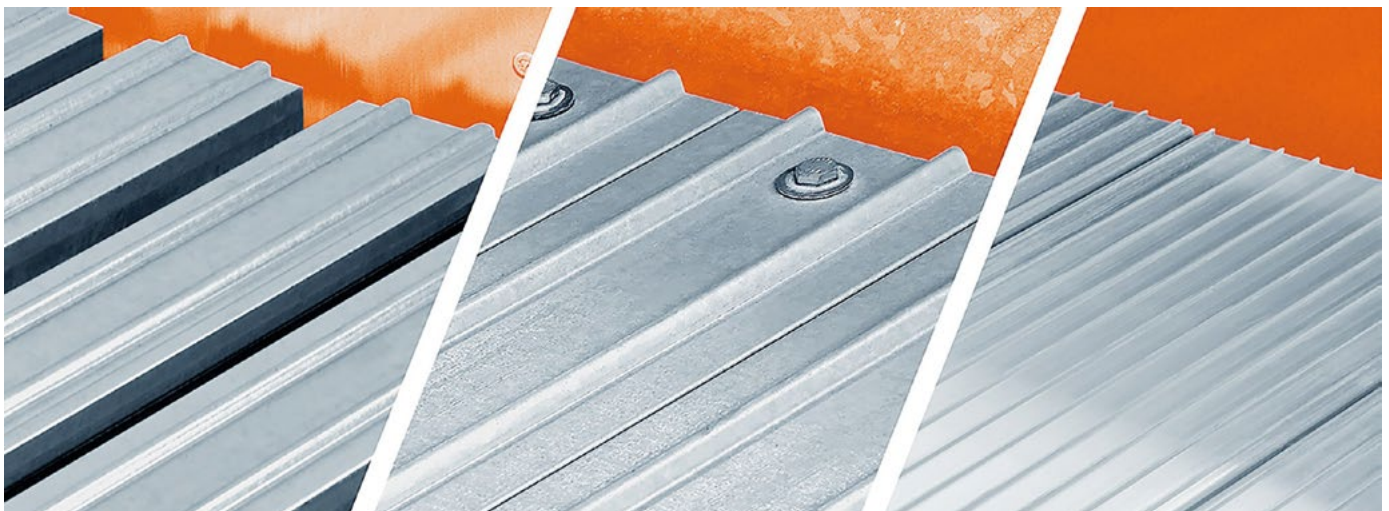
Maximum load

- Standard 2.0 t per parking space
- Maximum load up to 3.0 t possible
- Maximum load for all or individual specific parking spaces



Platform profile

- **StandardGrip**: standard platform profile
- **EasyWalk**: closed steel profiles (12 mm high beads)
- **AluLongLife**: high-quality aluminium profiles, corrosion-resistant (Easy to walk and drive on, 12-year guarantee)





Modern and flexible operation

- **10-inch touch display** with intuitive user interface
- Up to two computer terminals for convenient control even with larger systems
- Versatile access options:
 - SmartChip (RFID)
 - SmartPortable (remote control)
 - SmartApp (smartphone app)



Gate systems & infills

Automatic and convenient – in addition, sliding gates with optimal infilling can be chosen as an option.

Possible infills:

- Perforated aluminium plate
- Steel wire grating
- Plain aluminium sheet



A SENSE OF RESPONSIBILITY



| BUILDING SUSTAINABLY. USING SPACE EFFICIENTLY.

The kVario 8000 supports sustainable construction projects and integrates seamlessly into modern building concepts. Its compact design, reduced surface sealing, and efficient use of resources enable you to lay the foundation for future-proof and cost-effective projects.



Space efficiency and open space

- Up to **-43% smaller footprint**
- Up to **+46% more green space**
- Up to **+67% more parking spaces than conventional parking**
- Efficient densification without additional land development
- Reduction in traffic volume



Resources & environment

- Reduced CO₂ footprint during construction
- Energy-efficient electric drive (no hydraulic oil)
- Resource-saving, modular construction
- Zinc-magnesium coating for high corrosion protection and a long service life
- Contribution to circularity and recyclability



Future-proof integration

- Electromobility-ready
- Roof and façade areas suitable for greening
- Support through digital planning (BIM)



| INTEGRATED FOR THE FUTURE. SUSTAINABLY PLANNED.

The kVario 8000 offers flexible options for integration into sustainability-oriented construction and mobility concepts – from efficient use of space to set-ups for future requirements.

Technology & operations

- Electric drive without hydraulic oil
- Energy-efficient operation
- Durable, low-maintenance construction
- Reliable system technology in daily operation

Planning & integration

- Flexible integration into new and existing construction projects
- Digital planning support through BIM
- Adaptable to different premise layouts
- Suitable for inner-city project requirements

Mobility & future

- Electromobility-ready
- Charging infrastructure can be integrated
- Roof and façades areas suitable for greening
- Support for modern mobility concepts



**THINK EARLY ABOUT PARKING
AND GAIN SPACE.**

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