

PRODUCT OVERVIEW

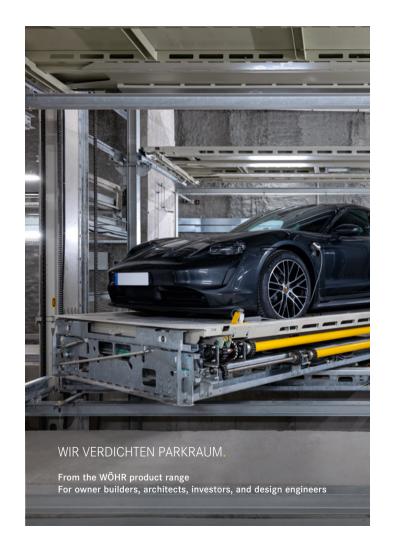
APRIL 2023

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SHOWING THE WAY FOR PARKING SPACE SOLUTIONS

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Since 1959, WÖHR has had a vision for simple and space-saving parking. Today our family-run company offers the world's largest range of in-house developed parking solutions – from classical systems with two vehicles parked over each other all the way to large projects with 1000 and more parking spaces in automatic parking systems.

These days, our competent and reliable solutions are more in demand than ever before. Increased urbanisation and lack of construction sites necessitate intelligent parking solutions which offer the greatest possible number of parking bays in the smallest possible space and at the same time preserve the cityscape – as cities become denser, parking must also become denser.

Hence, WÖHR's core competence is in customer-specific, project-related solutions for more parking sustainability. Because, the more compressed we develop our parking solutions, the more space is preserved for public, planted spaces.

Our sales network in more than 60 countries supports us in fulfilling customer wishes, not only quickly but also exceptionally reliably. WÖHR is your partner for intelligent, sustainable and economical parking solutions!

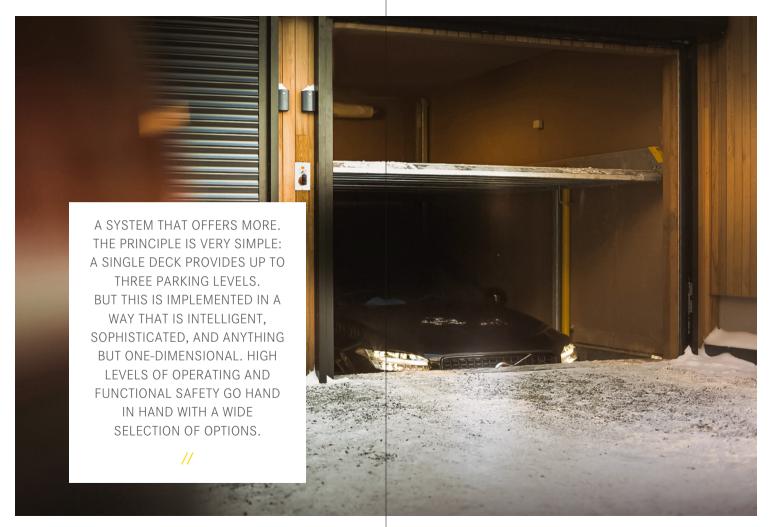


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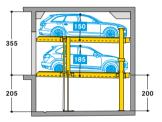




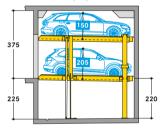
PARKLIFT 450 // THE COMFORTABLE ONE

The Parklift 450 can adapt to different installation dimensions, making it more versatile than its predecessor. Rigid incremental pit depths of 15 cm are a thing of the past as greater variety becomes possible. The pit depths in the new system vary in increments of 5 cm, so SUVs, sedans and compact city cars can all find a parking space that is easy to enter and exit. Our Parklift 450 is also available with a platform width of 300 cm, which ramps up the convenience factor even more.

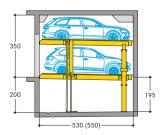
Parklift 450-205 (355) | 2.000 kg / 2.600 kg - Vehicle height 150 bzw. 185 cm*



Parklift 450-225 (430) | 2.000 kg / 2.600 kg – Vehicle height 205 cm*

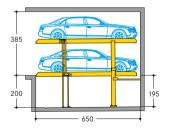


Parklift 450 | 2.000 kg / 2.600 kg – Vehicle height UL 150 cm, LL 180 cm*



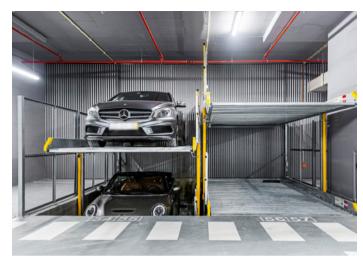
Long version | 3.200 kg -Vehicle length 620 cm, vehicle

Vehicle length 620 cm, vehicle height 180 cm The Parklift is also available for long vehicles as an XXL model.



You can find all information about the Parklift here

*See our data sheet for other variants





WÖHR TAKES SUSTAINABILITY TO A NEW LEVEL //

More and more builders, investors and municipalities require disclosure of the sustainability of real estate – including real estate parking solutions – throughout the entire life cycle, from the procurement of raw materials through to material recycling. The PL 450 from WÖHR is the first mechanical parking lift system in the world to come with an environmental product declaration (EPD) in accordance with ISO 14025, signaling its commitment to the sustainable mobility of the future.

PARKLIFT MODEL PL 450 RECEIVES FIRST ENVIRON-MENTAL DECLARATION ON THE MARKET.

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WHAT IS AN EPD AND WHAT IS IT FOR?

An environmental product declaration (EPD) is a Type III environmental declaration that is compliant with the international environmental standard ISO 14025. The declaration quantifies environmental information on the life cycle of real estate or products to enable different design alternatives to be compared in terms of their ecological footprint. An EPD is based on independently verified data from life cycle assessments, life cycle inventories and other information modules. It is therefore a credible document for proving the environmental compatibility of real estate and products.

WHY IS AN ENVIRONMENTAL DECLARATION SO IMPORTANT?

An EPD is required as part of the tender for many construction projects. Architects and planners use EPDs as a basis for the life cycle assessment of buildings, which is a prerequisite for their sustainability certification. This is driven not only by environmental considerations but also a desire to boost the value and marketability of the property. Especially where public construction projects are concerned, EPDs ensure transparency for business, politics and the population at large.



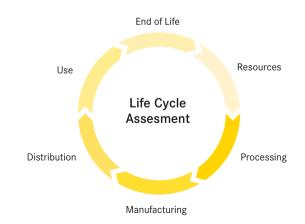


WHAT DO ARCHITECTS AND BUILDERS GET FROM AN EPD?

An EPD is required as part of the tender for many construction projects. Architects and planners use EPDs as a basis for the life cycle assessment of buildings, which is a prerequisite for their sustainability certification. This is driven not only by environmental considerations but also a desire to boost the value and marketability of the property. Especially where public construction projects are concerned, EPDs ensure transparency for business, politics and the population at large.

HOW DOES THE PL 450 CONTRI-BLITE TO GREATER SUSTAINABILITY?

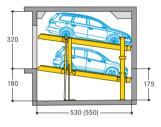
The analysis of the entire life cycle of WÖHR's mechanical Parklift 450 showed that the production phase has by far the greatest sustainability potential compared to the installation, operation and disposal phases. This is the phase in which most of the environmentally relevant effects occur (for example, resource consumption and CO2 emissions). Among the most convincing features of the PL 450 were its modular structure, which is designed for a long service life, and the incredibly high recyclability of 95% of the materials used.



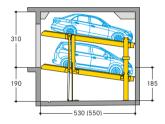
PARKLIFT 405 // THE COMPACT TWO-STORY SYSTEM

The Parklift 405 shines with the same developments as the Parklift 450 plus another additional benefit: With an even lower ceiling height, this system can accommodate vehicles with the same outer dimensions as those that can drive into the Parklift 450 – a response to the continued trend of increased car dimensions and reduced storage space. The growing number of vehicles with a total weight of more than 2,000 kg was taken into account by increasing the maximum total weight to 2,600 kg.

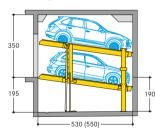
Parklift 405 | 2,000 kg / 2,600 kg - Vehicle height 160 cm*



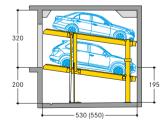
Parklift 405 | 2,000 kg / 2,600 kg -Vehicle height UL 150 cm, LL 170 cm*



Parklift 405 | 2,000 kg / 2,600 kg - Vehicle height 175 cm*



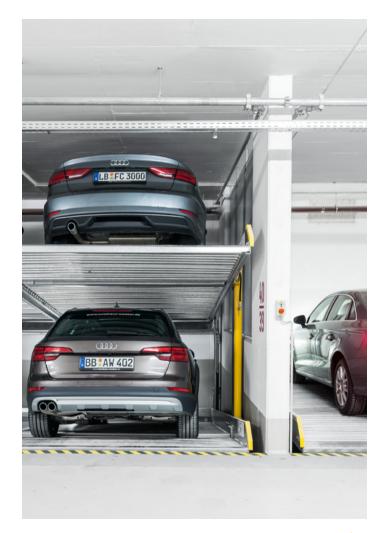
Parklift 405 | 2,000 kg / 2,600 kg -Vehicle height UL 150 cm, LL 180 cm*





You can find all information about the Parklift here.

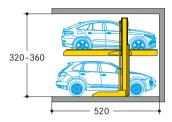
*See our data sheet for other variants



PARKLIFT 411 // OPEN AIR

Do you find the idea of a Parkbox system appealing but don't have sufficient installation height? The solution can be found outdoors - thanks to this two-level dependently stacked parking system, which is suitable for indoor and outdoor installation. Single units provide two parking spaces, and double units provide four.

Parklift 411 | 2,000 kg / 2,600 kg







You can find all information about the Parklift here

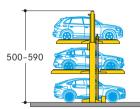
PARKLIFT 421 // CREATING 3 FROM 1

They say all good things come in threes. This parking system enables three-level dependent parking on the footprint of a single parking space - without a pit. This solution works wonders, especially where existing solutions are to be retrofitted with additional parking spaces. And for an even wider range of options, the systems can be installed either side by side, in a row, or even outdoors.



Function

Parklift 421 | 2,000 kg / 2,600 kg



Parklift 421 for stacking 3 vehicles.



The car on the entrance level must be removed before lowering the upper platform.

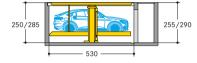


Likewise, the car on the lower platform must be removed before lowering the upper platform.

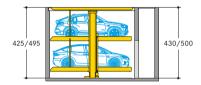
PARKLIFT 461/462/463 // HIDEAWAYS

The problem of finding space for parking facilities is particularly acute in cities. But there is a system that offers an almost magical solution. The hideaway garage accommodates 1, 2 or 3 vehicles stacked one on top of the other. The horizontal drive-on platforms disappear into the ground. The system is virtually invisible – when lowered, the top platform can be fitted with suitable floor coverings and driven over. With Parklift 461 and 462, a carport on top offers two more cars protection from the elements.

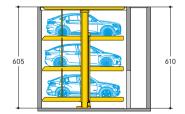
Parklift 461 | 2,000 kg / 2,600 kg - Vehicle heights up to 165/200 cm



Parklift 462 | 2,000 kg / 2,600 kg - Vehicle heights up to 165 / 200 cm



Parklift 463 | 2,000 kg / 2,600 kg - Vehicle heights up to 165 cm





You can find all information about the Parklift here.

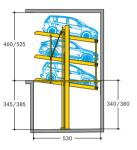




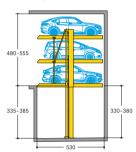
PARKLIFT 403/413 // 3 LEVELS IN A SINGLE PIT

On the footprint of one parking space, three spaces can be created as an independently-stacked solution with a pit. Whether the two lower parking spaces are inclined or can be accessed horizontally depends on the ceiling height. The double unit is generally a more cost-effective solution than two single units.

Parklift 403 | 2,000 kg -Vehicle heights up to 150 / 170 cm



Parklift 413 | 2,000 kg vehicle heights from 150 to 170 cm





Parklift 413 parking on horizontal platforms



You can find all information about the Parklift here.

PARKLIFTS // ONE DOUBLE IS BETTER THAN TWO SINGLES

While cars are still the most popular way of getting around, there needs to be enough garage space for them. With our single and double units, we provide ideal solutions. The double unit works wonders when it comes to saving space, and has a smaller installation width than two single systems. This provides some extra space for park-in and exit maneuvers, plus added comfort when getting in and out of the car.

Single unit for 2 cars

Double unit for 4 cars

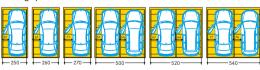






Official German garage regulations prescribe a minimum parking space width of 2.30 m, depending of the width of the driving lane and the walls and /or columns adjoining the space. What's more, 70% of all newly registered vehicles are now more than two meters wide [source: www.adac.de, June 14, 2018]. To ensure that even larger vehicles can easily drive on and off our platforms, we recommend a minimum platform width of 2.50 m for single units and 5.00 m for double units; the largest variant is even better still.

Parking space widths



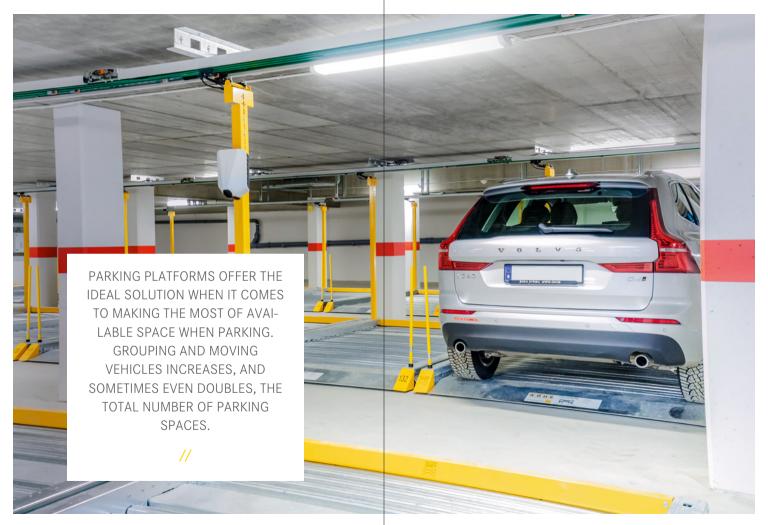






NEW up to 300 cm for Parklift 450 and Parklift 405-2,6



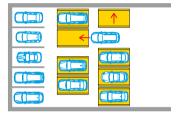


PARKING PLATFORMS 501/503 // THE CAR MOVERS

Lateral or longitudinal shifting – both systems utilize every bit of available space, maximising the parking area. Rails with parking platforms are installed behind columns, in corners, or even along the driving lanes. This sophisticated approach ensures that every single parking space can be used and accessed for unobstructed independent parking.

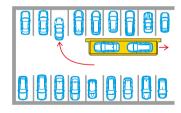
Parking platforms 501





Parking platforms 503





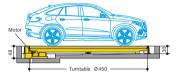


You can find all information about the Parking platforms here.

TURNTABLE 505 // TURNING MADE EASY

Turning things to your advantage: If the only option is to drive forward, or if space for parking maneuvers is tight, the vehicle is simply rotated into the required parking position. Turntable rotation is the ideal solution where parking space entries and exits are narrow or bounded.

Turntable 505 | 4,000 kg

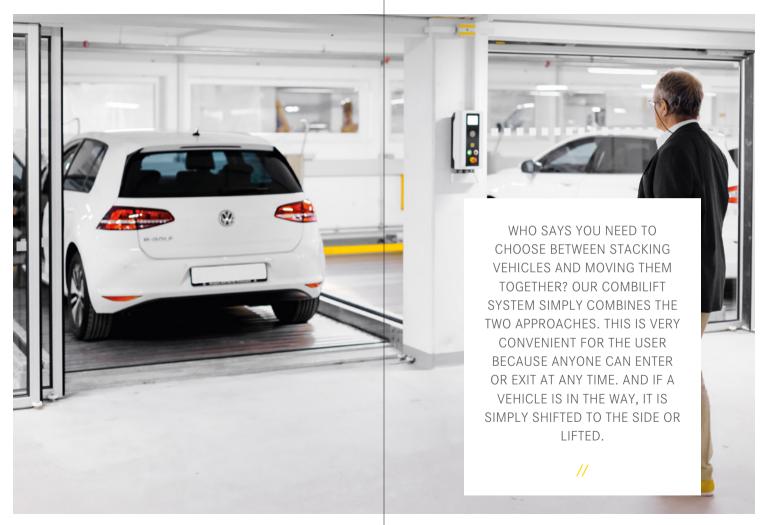








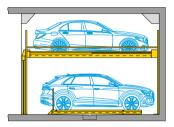




COMBILIFT 552 // LIFT AND SLIDE

Thinking of using the main entrance? Then think again. Instead of a single point of entry, an empty space on the entrance level offers direct access to the parking space in any position. In the system without pits for independent two-level parking, grids are flexibly positioned side by side.

Combilift 552 | 2.000 kg / 2.600 kg / 3.000 kg





Function



The vehicle in parking space 4 is requested.



The parking spaces on the entrance level are shifted to the left.

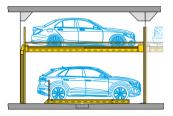


Parking space 4 is lowered to the entrance level to allow the vehicle to be removed.

COMBILIFT 552 MR // LIFT AND SLIDE

Create clever combinations by arranging systems one after another. The empty space is positioned so that you can drive into the selected parking space in the second row. You can even install three Combilift systems one behind the other.

Combilift 552 MR one behind the other | 2.000 kg / 2.600 kg / 3.000 kg





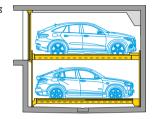


You can find all information about the Combilift here.

COMBILIFT 542 // LIFT AND SLIDE ON 2 LEVELS

The combination of stacking vehicles and moving them together, plus a pit arrangement, provides additional headroom on the top level. This means vans, SUVs, and vehicles with roof racks can park there, too. Security is also ensured, since the vehicles are parked behind closed gates.

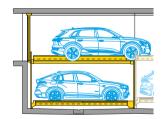
Combilift 542 | 2.000 kg / 2.600 kg / 3.000 kg



COMBILIFT 542 MR // LIFT AND SLIDE ON 2 LEVELS

The multi-row version of the Combilift 542 has a mobile platform that serves as a drive-through bridge across the parking rows. This new feature enables up to three modules to be combined in a row.

Combilift 542 MR | 2.000 kg / 2.600 kg / 3.000 kg





You can find all information about the Combilift here.

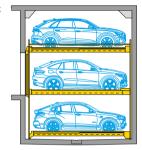




COMBILIFT 543 // LIFT AND SLIDE ON 3 LEVELS

Based on a persuasive principle, this compact, space-saving 3-level parking system can be entered and exited on the middle level. Parking spaces are selected using radio frequency identification [RFID], remote control, or the WÖHR Smart-Parking-App.

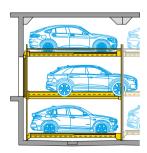
Combilift 543 | 2.000 kg / 2.600 kg / 3.000 kg



COMBILIFT 543 MR // LIFT AND SLIDE ON 3 LEVELS

The multi-row version of the Combilift 543 has a mobile platform that serves as a drive-through bridge across the parking rows. This new feature enables up to three modules to be combined in a row.

Combilift 543 MR | 2.000 kg / 2.600 kg / 3.000 kg





You can find all information about the Combilift here.



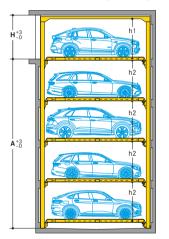


COMBIPARKER 560 // LIFT AND SLIDE ON UP TO 5 LEVELS

With the newly developed Combiparker 560, WÖHR is introducing a revolutionary parking concept. The new system is one of the most versatile and flexible parking solutions in the world, offering developers the opportunity to maximize their land use.

The Combiparker 560 provides up to five parking levels that can be designed with complete flexibility, with four levels up or four levels down from the entrance level. The special feature of the new Combiparker 560 is that with a standard underground car park floor height of 2.50 m, up to four levels below may be made accessible.

Combiparker 560 | 2.000 kg / 2.600 kg / 3.000 kg





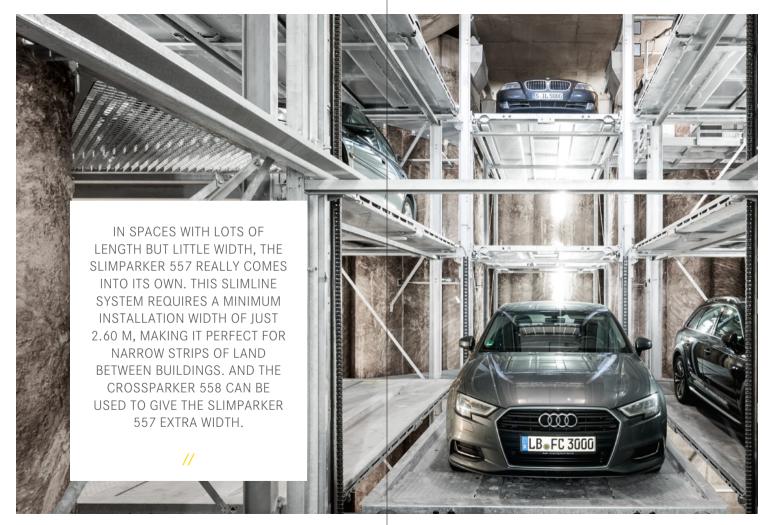


You can find all information about the Combiparker here.





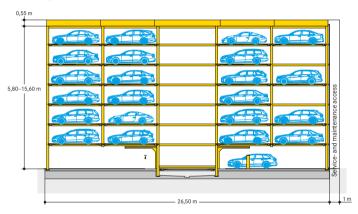




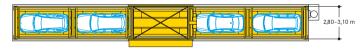
SLIMPARKER 557 // THE MAGICAL TOWER

With a minimum installation width of 2.80 m, the WÖHR Slimparker 557 automatic parking tower can fill gaps between buildings. Vehicles can be stacked up to 6 parking levels high and parked both in front of and behind the vertical lift. Facade designs are customizable [max. weight 50 kg/m²], enabling the appearance of the parking system to be adapted to its surroundings. The solution provides residents with an ideal barrier to shut out the sight and sound of nearby road and railway traffic.

Slimparker 557 Tower | 2,000 kg / 2,600 kg - Vehicle heights from 150 to 200 cm



Slimparker 557 Tower | Ground view



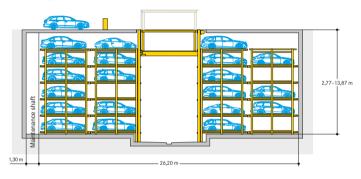


You can find all information about the Slimparker here.

SLIMPARKER 557 // THE MAGICAL SHAFT

When there is more space in length than in width, the Slimparker 557 shows its merits. This slim system requires a minimum installation width of only 2.60 m for narrow strips between buildings. It is specially designed for underground installation in the area between the set-back lines and the building. Vehicles can be stacked up 6 levels deep in front of and behind the lift. This system also lowers the entrance to ground level after use. A wide range of coverings can be fitted.

Slimparker 557 shaft | 2,000 kg / 2,600 kg - Vehicle heights from 150 to 200 cm

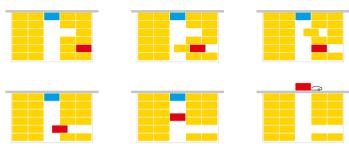


Slimparker 557 Shaft | Ground view



SLIMPARKER 557 // THE MAGICAL SHAFT

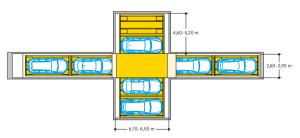
Function | Slimparker 557 shaft and Crossparker 558



CROSSPARKER 558 // THE MAGICAL SHAFT

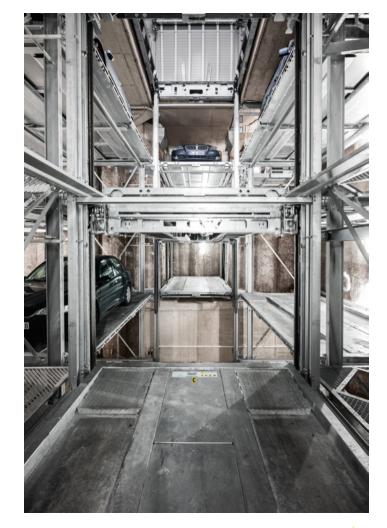
The Crossparker 558 extends the Slimparker 557 by adding extra width. One or two additional grids can be installed to the left and right of the central lift. In this way, the number of parking spaces on the available floor area can be doubled. This system also lowers the entrance to ground level after use.

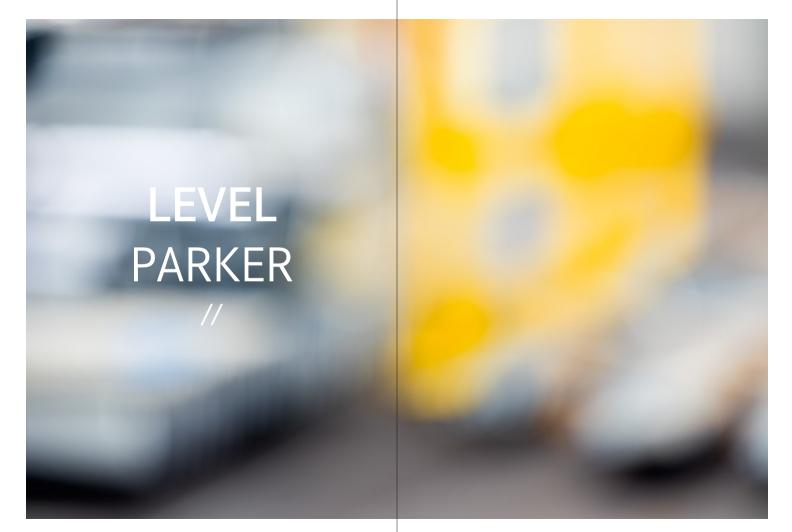
Crossparker 558 | 2,000 kg / 2,600 kg

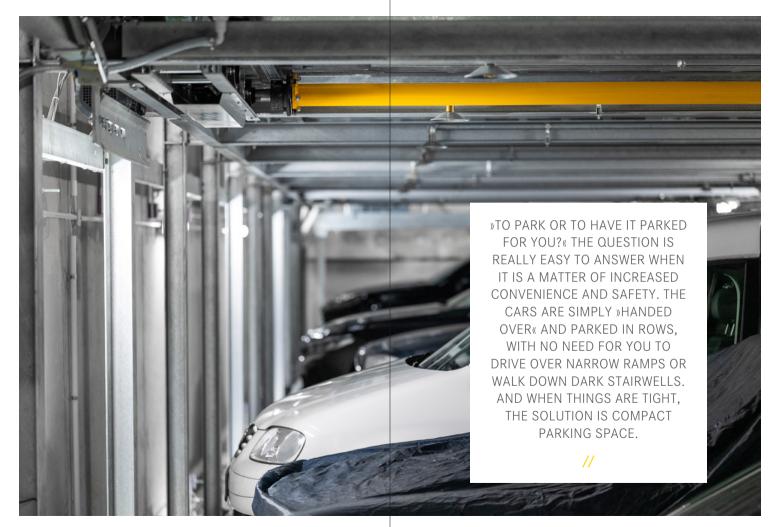




You can find all information about the Crossparker here.

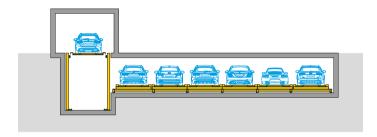






LEVELPARKER 570 // SPACE MIRACLE

As if they were stored in a safe, the vehicles are parked in at least two and at most six rows on a maximum of five underground or overground levels. Instead of a ramp, a vertical lift is used, and the actual parking is handled by the system. The vehicles are moved by both lateral and longitudinal shifting cycles, enabling the parking system to automatically adapt to individual requirements.



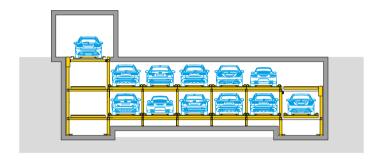




You can find all information about the Levelparker here.

LEVELPARKER 590 // LINE DANCING

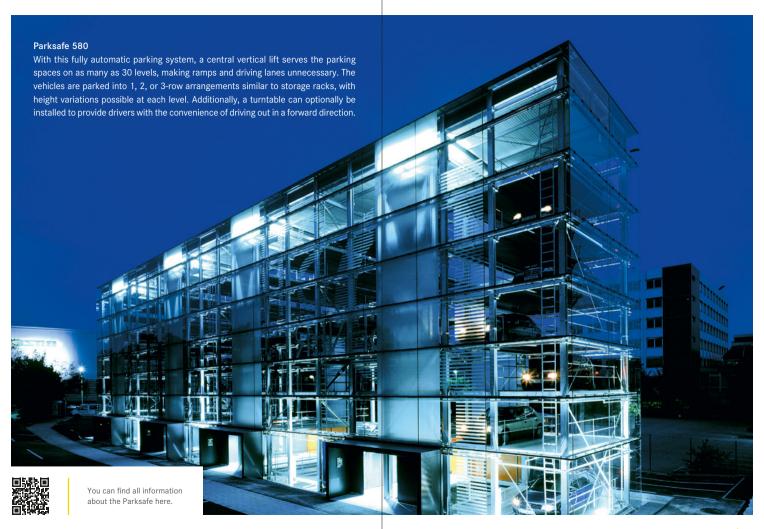
Two to five levels are located between vertical lifts to the left and right. The vehicles move along the rows on a circular path. This enables space-saving parking for single rows and does not require extra space for ramps or driving lanes. A turntable can be installed so that vehicles can be driven out in a forward direction.





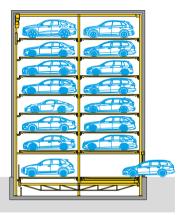


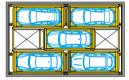




Parksafe 582

Anyone requiring a double-pack version of the system can simply arrange two parking grids one behind the other in a tower formation. The vertical lift is twice as long. It carries a shuttle, via which the parking spaces in the second grid can be reached. It is also possible to drive through, with an entrance in the first grid and an exit on the opposite side in the second grid.





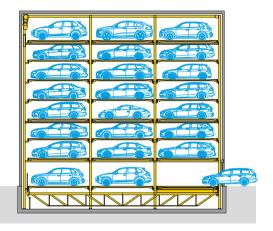


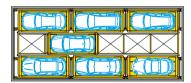
You can find all information about the Parksafe here.



Parksafe 583

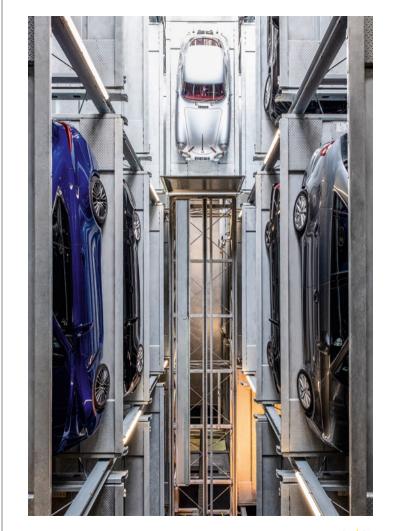
This system offers flexibility to the power of three, featuring three grids installed one behind the other. All the parking spaces on a parking level can be reached by shuttle. The 1, 2, and 3-row parking spaces are arranged alongside the vertical lift. The various combinations of options can also optimise use of unusual footprints.



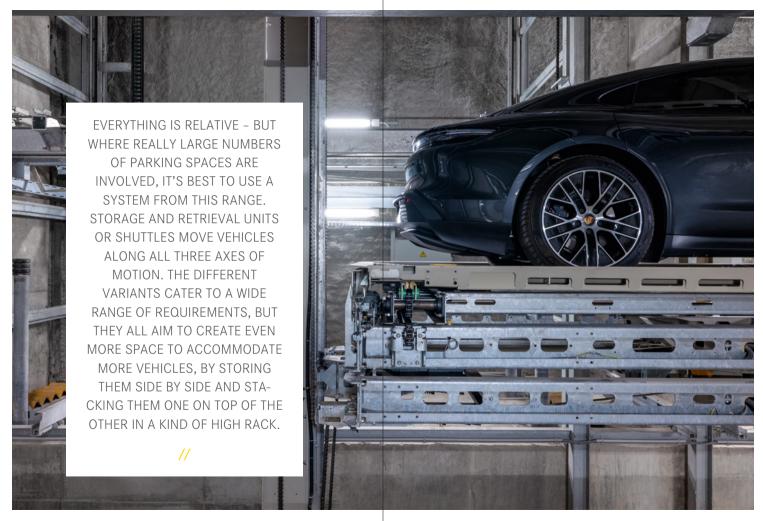




You can find all information about the Parksafe here.



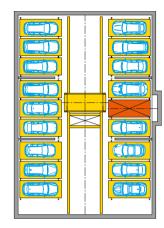




MULTIPARKER 710/720/730/740 // CLEVER AND SMART

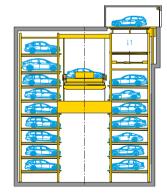
Multiparker 710

A storage and retrieval unit with 4 to 8 levels primarily utilises the available floor area. The system is particularly suited to wide structures. Vehicles are transported sideways, leaving a wide driving lane. This involves installing a turntable that turns the vehicle while it is being transported or lifted.



Multiparker 720

This cross-parker system is designed for smaller footprints and high structures. It operates on the principle of stacking parking spaces on top of each other. It provides up to 20 levels. In both the tower and shaft systems, a turntable can optionally be assembled on the lift frame.

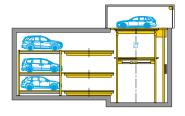




You can find all information about the Multiparker here.

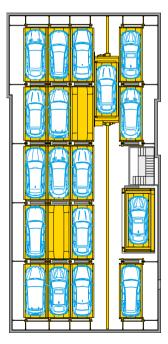
Multiparker 730

For large-scale projects involving more than 100 parking spaces, the lift and shuttle system ensures fast access times. Individual shuttles operate at each level, decoupled from the vertical lift. This means that two or more shuttles can be installed for each parking level with more than 60 parking spaces. High availability is supported by an integrated quick-change pallet system, which replaces loaded and empty pallets simultaneously.



Multiparker 740

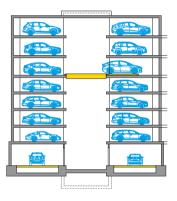
This system always transports vehicles lengthwise. Also featuring space-saving parking with high-rack technology, it is particularly suited to long and narrow floor plans. For ideal configuration, 1 to 2 parking space rows can be installed to the left and right of the storage retrieval unit, with up to 8 parking levels stacked one on top of the other.

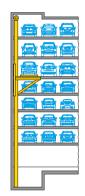


MULTIPARKER 750/760 // CLEVER AND PALLET-LESS

Multiparker 750

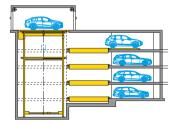
It's not the material that matters; it's what you make from it – the high rack of this tower or shaft system is a concrete structure. This makes the solution particularly cost-effective for underground structures. Besides the lift and shuttle technology, another impressive feature is the longitudinal pick-up transport system, the LAT takes the car from the drop-off area and parks it on a concrete slab. This is a smart alternative for smaller footprints requiring up to 30 parking levels.





Multiparker 760

This parking solution is also available as a concrete structure for large floor areas. Where the number of parking levels is small, up to 200 parking spaces can be provided for each level. Independent shuttles transfer the vehicles to the vertical lift via the longitudinal pick-up transport system, for redundant operation.

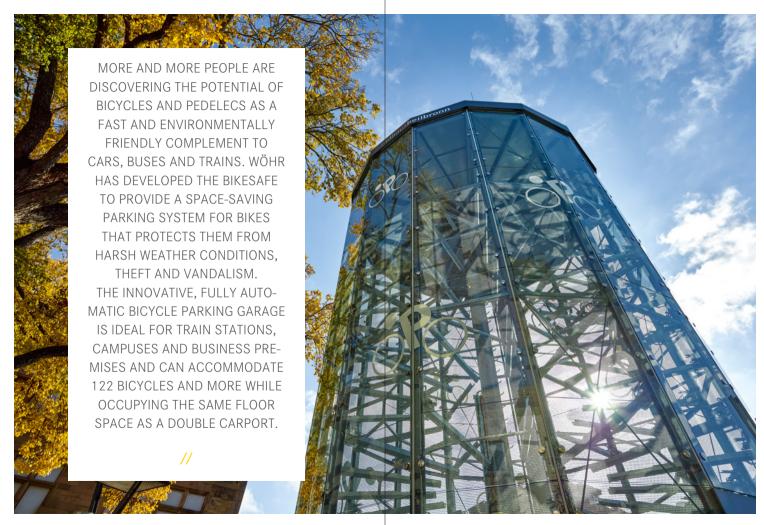




You can find all information about the Multiparker here.





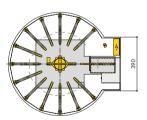


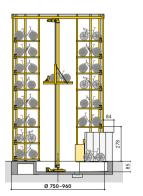
BIKESAFE // THE ROUND ONE

Our intelligent bicycle parking garage provides up to 178 parking spaces on a small footprint of approximately $38\ m^2$. The solution is theft-proof, fast, and fully automatic. The bicycle is returned to the entrance area in around 16 seconds – and no staff are required.

Bikesafe 885 Tower

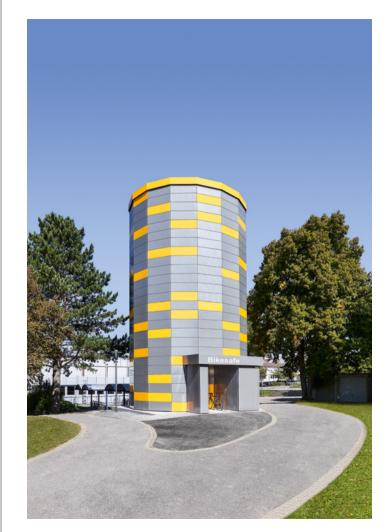








You can find all information about the Bikesafe here.

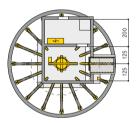


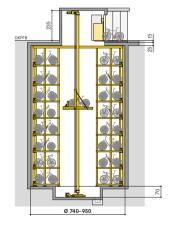
BIKESAFE // THE ROUND ONE

Bikesafe 885 Shaft



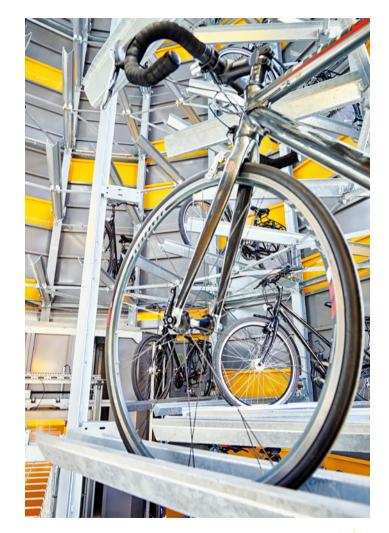








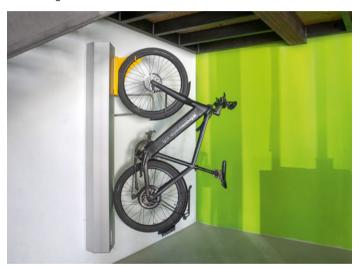
You can find all information about the Bikesafe here.



BIKE-PARKING-LIFT // THE VERTICAL ONE

The Bike-Parking-Lift® is an all-new bicycle parking system that maximizes space efficiency, user-friendliness and cost-effectiveness. The system optimally organizes and manages bicycle storage spaces in a way that no other bicycle parking system can.

Bike-Parking-Lift





You can find all information about the Bike-Parking-Lift here.

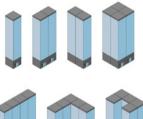


You can find all information about the Bike-Safe-Tower here.

BIKE-SAFE-TOWER // THE GONDOLA-PARKER

The Bike-Safe-Tower® is a modern and innovative bicycle parking system in which each bicycle is parked in its own box. The individual boxes are organized in a tower that accommodates 6 to 300 automated bicycle parking spaces and occupies a floor area of 5 to 43 square meters.

Bike-Safe-Tower



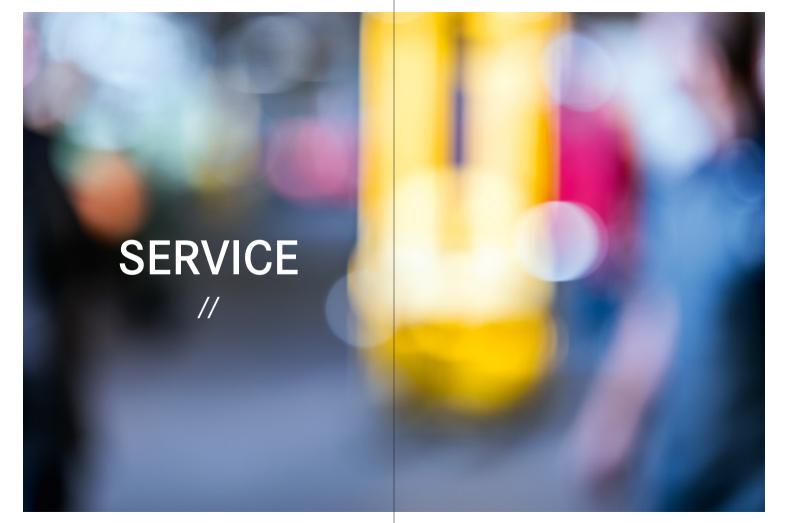


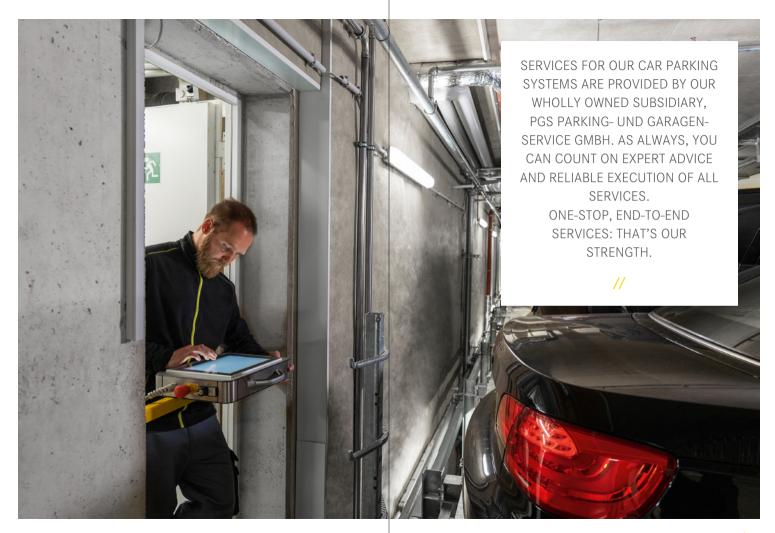












PGS // PARKING- UND GARAGEN-SERVICE GMBH



Consultation

With our extensive know-how, we are happy to provide the right answer to your questions. We will be happy to advise you on our parking system maintenance offer.



Cleaning and care

For a long and reliable service life of a car parking system, regular cleaning and maintenance, especially of the parking platforms, are essential.



Parking Platform refurbishment

Over the years, environmental influences and constant driving wear out the parking platforms on mechanical parking systems. By refurbishing with original WÖHR drive plates, you are making a safe decision with regard to quality and service life.



We offer you WÖHR original spare parts - for the entire service life of your parking system. Fast and reliable.



Maintenance / Inspection

Through regular maintenance and inspections, we ensure the troub-le-free operation of your parking systems.



Maintenance of Nussbaum-Parking systems

We offer individual repair kits for selected product ranges of your existing Nussbaum systems.





You can find all information about PGS here.

Fon +49 [0] 7044 46-101 [24/7 phone line] | Fax +49 [0] 7044 46-199 pgs-service.de | info@pgs-service.de



Space-saving parking for cars and bikes reduces CO2 emissions in inner cities and safeguards green spaces. Charging stations lay the foundation for greater e-mobility. With these and many other innovative solutions, WÖHR delivers answers to the questions of today – making an important contribution to protecting the environment.

WÖHR IS A SUPPLIER OF PARKING SYSTEMS, WITH THE LARGEST PRODUCT RANGE WORLDWIDE.

With over 60 years of experience.

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