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PRESS RELEASE

Otto Wöhr GmbH at the BAU 2015

Projecting skywards: the new WÖHR Slimparker 557 tower version is slim and versatile

Plants, elegant wooden slats or a tempting billboard of your favourite chocolate brand. This could very well be the new view enjoyable by residents, users and passers-by alike.

Wöhr's automatic Slimparker 557 parking tower can do more than stack cars on top of each other! The slim construction contours allows incorporation into a soundproof wall. This safeguards the residents of housing areas against adjacent road and rail traffic noise pollution. In case of renovation projects the parking tower provides innovative parking space solutions. Narrow gaps between buildings can be used for additional car parking spaces.

What is the difference between the new Slimparker 557 parking tower and the existing Wöhr product range?

This new parking system offers up to 23 above-ground parking spaces on narrow and long ground plans. A central vertical lift located in the transfer area conveys the car to one of the 6 possible parking levels per system. Each parking level can store up to 4 cars.

The slim parking tower's clear installation width amounts to a minimum of 280 cm. For additional car entry and exit comfort, the installation width can be extended up to 310 cm in 10 cm steps. It is also possible for one system to accommodate different car heights, available from 150 cm up to 200 cm, in 10 cm steps. Even in city centre districts where floor area is scarce and expensive, the Slimparker 557 tower version only requires approximately 77 m² to safely accommodate 23 parked cars. This means that only an area of approx. 3.50 m² per car is required.

A further special feature offered by the Wöhr Slimparker 557 lies in the interesting façade configuration potentials. Architects can design the façades individually and to customer requests, adapting them to the surrounding building fronts and almost invisibly integrated into the cityscape. The façades can bear a maximum weight of 50 kg per square metre.

The Slimparker 557 system novelties were first presented by Wöhr at the BAU 2011 as shaft version. With a completely lowered car transfer area and perfectly suited for retroactive integration into narrow alleyways, roads and courtyard entrances.

At the BAU 2013 it was still shown as an inspiration for architects under the title "The Future of suburbs". Now at the BAU 2015, Wöhr is presenting the slim parking tower in its original dimensions.

The following model shows a possible use of the Slimparker 557 tower version. It is integrated into a building square and installed in a gap between two buildings.

The new Slimparker 557 offers downtown district residents additional living space. Existing parking problems are solved and green oases remain part of the cityscape. Residents are provided with an optimum sight and noise protection barrier. Integrated into the building square, backyards improve the quality of everyday life.



The façades can also be rented out as advertising spaces.





Function:

The Wöhr Slimparker 557 parking tower will be shown at the Wöhr booth in its original dimensions. Six cars are parked in and out on 3 parking levels and in 2 row parking arrangements. The first parking level is for car heights of 180 cm, the second and third parking levels are for car heights of 160 cm.

The red arrows indicate the entrance and exit positions. The user selects his allocated parking place with an inductive chip at the operating terminal. The entrance door to the car transfer area opens and an empty pallet is ready for entry. When the car is correctly parked, the user leaves the transfer area and confirms the parking procedure. The door is closed; a vertical lift automatically transfers the car to the allocated parking level and moves the pallet on rollers into its place.

Different types of façades will be shown at the booth:

- ash wood slats,
- façade-greening with Philodendron shrubs,
- aluminium façade coverings,
- or PVC/PES materials.



The new parking tower is versatile. Application examples will be shown on the booth of Otto Wöhr GmbH at the BAU 2015 in Munich.

Visit our booth in Hall B3, Stand 319.

Your Press Office

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