

# Data Sheet

## WÖHR LEVEL PARKER 590



Please observe the separate Technical Notes!



- Small footprint
- Safe for user and cars (no narrow ramps, dark stairs, no damage of theft or vandalism)
- No need for ramps and driving lanes
- No costly illumination and ventilation
- Variation options for individual project requirements
- Integrated turntable option
- For car weight up to 2.5 t, higher loads are possible after consultation with WÖHR
- Easy operation with several control options, e.g. transponder chip or remote control
- Following the idea of „Green Parking“

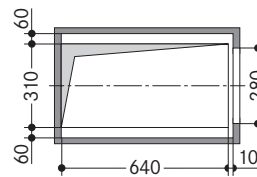
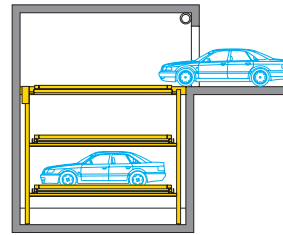
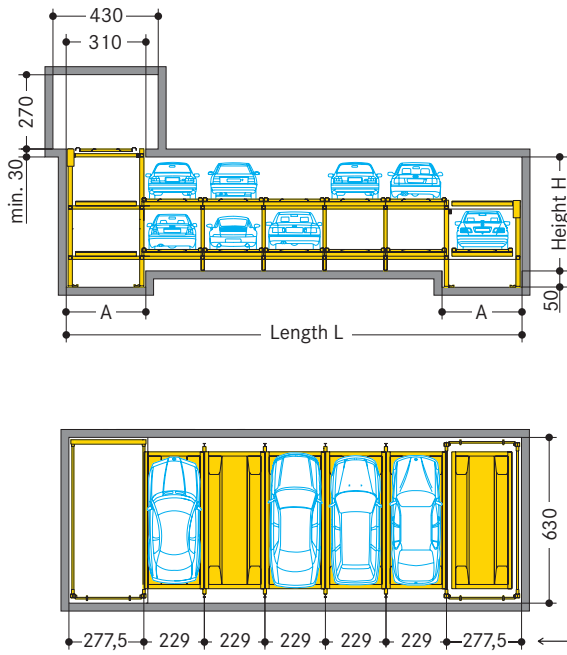


## Level Parker 590

### Arrangement on two or more parking levels

The example below shows a Level Parker 590 with two parking levels and 12 parking spaces. The parking system must have at least two parking levels, but it may be built also with more than two levels.

The table below on the left specifies the minimum dimensions. The switch cabinet can be arranged flexibly, it may also be placed somewhere else.



Please contact WÖHR if you need a version that is specially designed for handicapped persons.

| Parking levels | Car height | Height H*  |            |
|----------------|------------|------------|------------|
|                |            | Car height | Car height |
| 2              | 160        | 185        | 200        |
| 3              | 414        | 464        | 494        |
| 4              | 609        | 684        | 729        |
| 5              | 804        | 904        | 964        |
|                | 999        | 1124       | 1199       |

Dimensions in cm

\* With a turning device on the lower level the dimension has to be increased by 8 cm

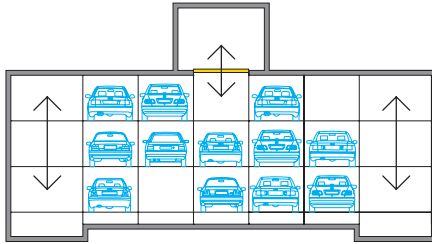
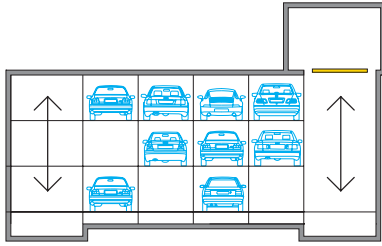
| Parking places per level | Parking places per system (with 2 levels) | Length L         |
|--------------------------|---|------------------|
|                          |   | Pallet width 229 |
| 4                        | 8   | 1242             |
| 5                        | 10  | 1471             |
| 6                        | 12  | 1700             |
| 7                        | 14  | 1929             |
| 8                        | 16  | 2158             |
| 9                        | 18  | 2387             |
| 10                       | 20  | 2616             |
| 11                       | 22  | 2845             |
| 12                       | 24  | 3074             |
| 13                       | 26  | 3302             |
| 14                       | 28  | 3531             |

## Maintenance access and switch cabinet

Maintenance access as well a room for the switch cabinet (min. 2 x 5 m) is required (please check with WÖHR).

## Position of the transfer area

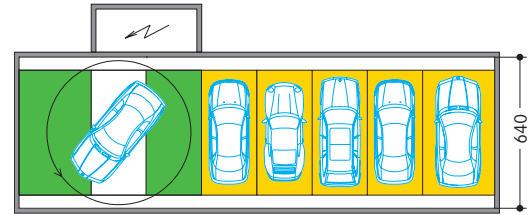
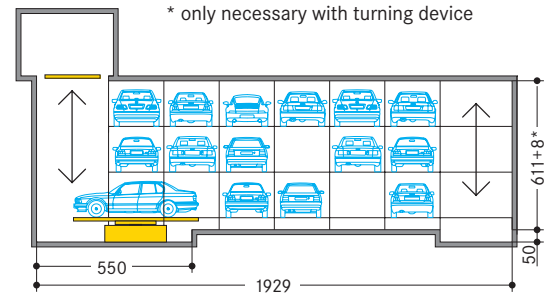
The transfer area must always be above the parking area, however, it can be arranged flexibly. It is recommended to arrange the transfer area at the ends of the parking rows, either on the right or on the left, where the vertical lifts are located. But it is also possible to position the transfer area above any parking space by adding an additional vertical lift.



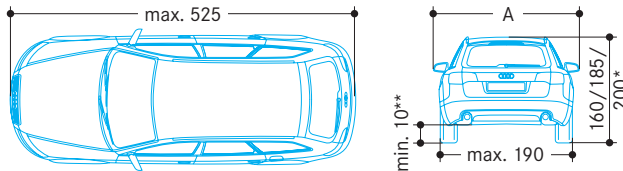
## Turning device

By incorporating a turntable, cars can be retrieved facing the exit. Cars are turned on the bottom parking level, which ensures that they can be turned within the confines of the system with no loss of parking spaces.

(For details of the dimensions of the transfer area with turning device see Technical Notes.)



## Max. car dimensions



- \* Overall height (cars with roof racks, roof rails, antennas etc. should not exceed the mentioned overall height).
- \*\* Clearance underneath the gear case

| Pallet width | Dimension A |
|--------------|-------------|
| 229          | 220         |

Car weight max. 2500 kg, wheel load max. 625 kg.

These car dimensions are valid for the building dimensions as mentioned. If building dimensions are adjusted, other car dimensions are possible.

For parking systems with EV charging options, WÖHR recommends the use of wider pallets.

**Attention: Clear installation dimensions change accordingly.**