

Construction project:

Installation of a car parking system

Preliminary technical notes

1. The principles underlying the execution of this project are:
 - 1.1 Garage regulations of the relevant federal states in the latest version
 - 1.2 The EC Machinery Directive no. 2006/42/EC, Annex 1, and the DIN EN 14010
 - 1.3 The project execution drawings produced by the architects
 2. By submitting a bid, the tenderer confirms that the relative garage dimensions as well as the driving aisle widths are in full compliance with the Garage Regulations in force, with the project execution guidelines designated by the tenderer and with the system itself, as offered by the tenderer.
 3. The required load capacities compliant to the DIN 1991-1-1, page 3, amount to 2.0 t for each parking place.
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Technical specifications

General:

- Car parking system for independent parking.
- Parking Platform 601 in laterally shiftment, which are arranged in front of fixed parking spaces. Parking Platforms are moved in such a way that the parking spaces behind them can always be accessed.
- Power supply via a busbar on the ceiling.
- For the relative dimensions please consult the WÖHR Parking Platform 601 Data Sheet.
- The system is operated from a central control station (operating device).
Selection of Parking Platforms via RFID chip (three chips per parking place). The text display is used as a user guide. Parking Platforms are moved so that the access to the selected parking place is freely traversable. The entire system and its movements must be visible from the operating device and from the controls.
- Parking Platforms are moved in such a way that access to the selected parking space is freely accessible
- A fixed vehicle wheel stop for vehicle positioning is included for each parking place.

Corrosion protection:

The classification of the parking systems to the DIN EN ISO 12944-2 reads:

Corrosivity category C3 medium (interior: production rooms with high humidity and some air pollution. Exterior: urban and industrial atmospheres, moderate pollution by sulphur dioxide. Coastal areas with low salinity.

Corrosivity category C2 low (interior: unheated buildings where condensation may occur, e.g. depots, sports halls). **C2 applies to all moving parts** such as cog wheels, racks, chains and bevel gears located either above or below the drive-in levels.

- Driving metal sheets with a zinc-aluminum-magnesium alloy coating of approx. 16 µm on both sides (compliant to the DIN EN 10346)
- Side panels hot-dipped galvanised compliant to DIN EN ISO 1461 with approx. 55 µm zinc layer
- Screws for the installation of the driving metal sheets, washer and nuts:
Sheet mounting for the side panels of self-channelling screws, zinc multi-disc coating, approx. 12-15 µm layer thickness; washers and nuts electrolytically galvanised compliant to DIN 50961, approx. 5-8 µm zinc layer

Preparation works to be performed by the customer:

1. Main power supply cabling up to the lockable main switch and connection to the main switch (electrical works to be compliant to the specifications on the WÖHR Parking Platform 601 Data Sheet.
2. Acceptance certification performed by an expert, if not formally included in the offer.
3. Flatness of the finished floor according to DIN 18202, Table 3, line 3.
4. Required levelling of the floor to determine the flatness.
5. Sufficient lighting of the driving aisle and of the parking places if necessary.
6. Possibly required fire protection equipment (fire extinguishing systems, fire alarm systems, etc.).



Scope of operations

UP

TP

Item 1.00.

Laterally movable parking platform for **one car**

(Select the values or fill in any differing construction dimensions)

Parking place width: cm

Parking Platform length: 385 cm

Vehicle length: cm

Platform load: 2,0 t

including installation and freight costs, free delivered to the installation site

incl. electrical work from lockable main switch

including inspection certification by a technical expert

WÖHR Parking Platform 601

or its equivalent

___ Piece(s)

€ _____

€ _____

Net total price
plus % VAT

€ _____

Item 1.10. *Contingency item *

Surcharge for a larger parking place width

cm

___ Piece(s)

€ _____

€ _____

Item 1.20. *Contingency item *

Surcharge for increase of the platform

load to 2.6 t for each parking place

___ Piece(s)

€ _____

€ _____

Item 1.40. *Contingency item *

Light barrier system for personal monitoring,

provided safety distance of min. 30 cm

is not exceeded

___ Piece(s)

€ _____

€ _____

Technical specifications / Tender text
WÖHR Autoparksysteme GmbH
PARKING PLATFORM 601



Item 1.50. *Contingency item *

Surcharge for completion of a system
maintenance contract, which includes
2x annual maintenance consisting of
a main and secondary inspection,
all spare and wear parts,
as well as a cleaning of the platform top

4 years

€ _____

€ _____

Net total price, including contingency items
plus % VAT

€ _____
