

Data Sheet Wöhr Parklift 2 1 1 Two-wheeler parking

Dependent Parking

*Lower level also for short time user (e.g. at office, hotel, commercial building). Both levels are possible for short time user parking attendant or valet is available.

- **Single Unit:** 6 two-wheelers
- **Carrying Capacity:** Upto 750kg
- **For Indoor/Outdoor Application**

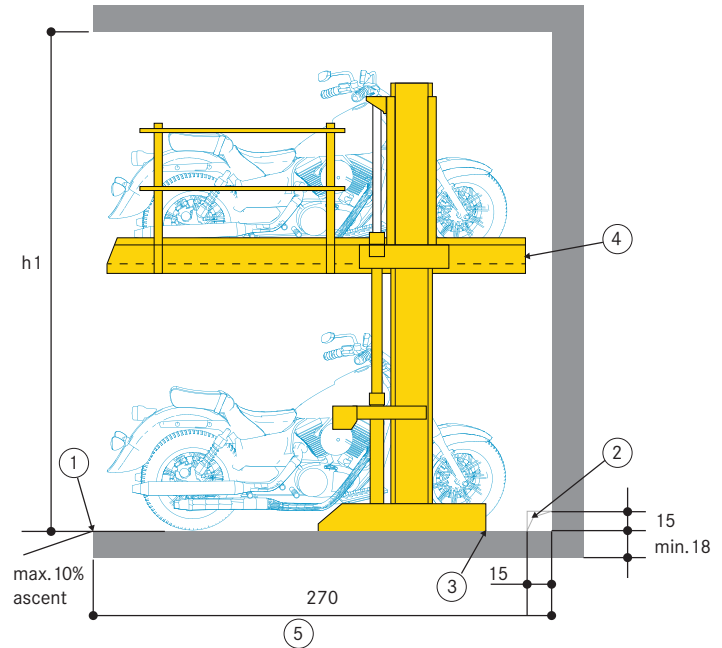
Dimensions

- All dimensions specified are the minimum, finished dimensions
- Tolerances must be taken into consideration
- All dimensions are given in cm

Height Dimensions

| Height* h1 | Vehicle Height# | | Platform Distance |
|---------------|-----------------|-----|-------------------|
| | UL | LL | |
| 355 | 135 | 135 | 185 |

- With an increase in headroom available, correspondingly taller two-wheelers will be able to park on the upper platform.
- UL = Upper level / LL = Lower level

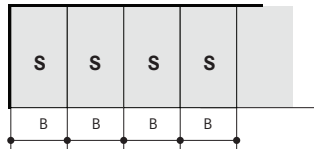


Width Dimensions

Single Unit (6 two-wheelers)



Row Arrangement



| Space Requirements B | Clear Platform Width |
|----------------------|----------------------|
| 265 | 230 |
| 275 | 240 |
| 285 | 250 |

Length Dimensions

- Yellow-black safety marking (performed by the customer):**
 - Compliant to ISO 3864, 10cm wide, at a distance of 100cm from the front edge of the platform (see page 2 - Static calculations and construction works requirements)
- In case of intermediate walls (performed by the customer):**
 - 15x15 cm opening for electric and hydraulic system cables and piping
 - After installation, do not close the opening
- Channels or undercuts/concrete haunches (performed by the customer):**
 - Not allowed along the floor-to-wall joints
 - Should channels or undercuts be necessary, the system width needs to be reduced or the installation widths needs to be increased
- Platform length - 250cm**
- 240cm vehicle length = 270cm installation length**

Electrical Datas

| Item | Performance | Quantity | Designation | Position | Frequency |
|------|-------------|---------------------|---|--|------------------|
| 1 | By customer | 1 unit | Electric meter | In the feed cable | |
| 2 | By customer | 1 unit | Fuse or automatic circuit breaker 3x16 A slow blow acc. to DIN VDE 0100p. 430 | In the feed cable | 1 per power pack |
| 3 | By customer | As locally required | Acc. to local power supply regulations 3Ph+N+PE* | Feed cable to main switch | 1 per power pack |
| 4 | By customer | each 10m | Equipotential bonding safety lead-out connection | Corner pit floor/rear wall | |
| 5 | By customer | 1 unit | Equipotential bonding safety compliant to the DIN EN 60204 standard | From the lead-out connection to the system | 1 per Parklift |
| 6 | By customer | 1 unit | Marked main switch lockable to prevent unauthorized switching on | Above operating device | 1 per power pack |
| 7 | By customer | 10m | PVC control cable with marked stands and protective conductor 5x1.02 | From main switch to hydraulic power pack | 1 per power pack |

Items 8-16 are included in Woehr's scope of delivery unless otherwise specified in the offer/order.

*DIN VDE 0100 part 410 + 430 (not under permanent load) 3Ph+N+PE (three-phase current) Note: Where a door is used to close the garage, the manufacturer of the door must be consulted before the electric cable is laid.

The electrical components supplied by the manufacturer must be connected in accordance with the appropriate wiring diagram and local regulations. German VDE electrical requirements must be adhered to, in order to validate the TUV tested circuit. The electrical supply to the power pack(s) must be provided prior to or during installation to enable our fitters to complete their work satisfactorily and to check the correct functioning of the units.

In compliance with the DIN EN 60204 standard provisions, all systems must be connected directly on site with an earthed equipotential bonding. The leadout connection must be at a 10m distance.

Noise Protection

Basis is the German DIN 4109 "Noise protection in buildings."

With the following conditions required 30dB (A) in rooms can be provided:

- Noise protection package from our accessory
- Insulation figure of the construction of min. $R'w=57dB$
- Walls which are bordering the parking systems must be done as single wall and deflection resistant with min. $m'=300kg/m^2$
- Solid ceiling above the parking systems with min. $m'=400kg/m^2$

At differing constructional conditions additional sound absorbing measures are necessary.

The best results are reached by separated sole plates from the construction.

Increased noise protection: If increased noise protection must be provided planning has to be confirmed on a project base by Woehr (bigger building measurements are required).

If required to be provided at extra cost.

Temperature

The installation is designed to operate between +5°C and +40°C.

Atmospheric Humidity: 50% at +40°C. If the local circumstances differ from the above please contact Woehr.

Hydraulic Power Packs

For the accommodation of the hydraulic power packs an additional space is required which will be determined during the verifications of the drawings, e.g. in a wall recess.

Dimensions

All dimensions shown are minimum. Construction tolerances must be taken into consideration. All dimensions in cm.

Railings

If walkways are arranged directly to the side or behind the systems, railings have to be provided acc. EN ISO 13857 by client acc. to local requirements, height min 200cm.

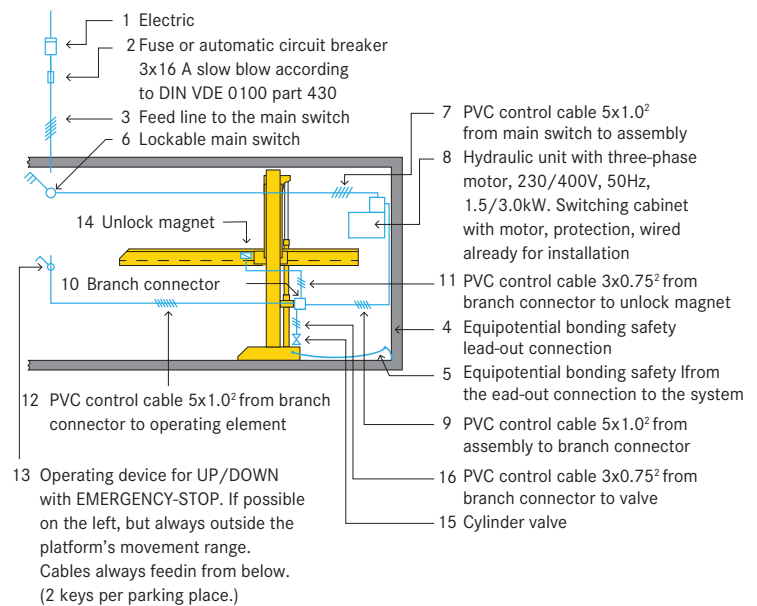
Maintenance

Regular maintenance by qualified personnel can be provided by means of an Annual Service Contract.

Fire Safety

Each and every fire safety requirement and all possible mandatory item(s) and equipment(s) (fire extinguishing system and fire alarm systems, etc.) are to be provided by the customer.

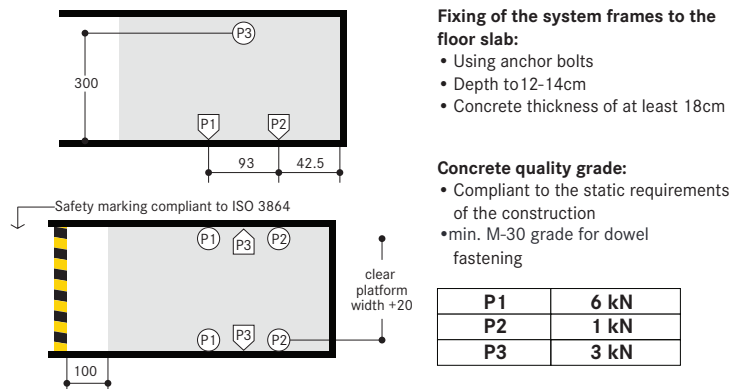
Installation Diagram



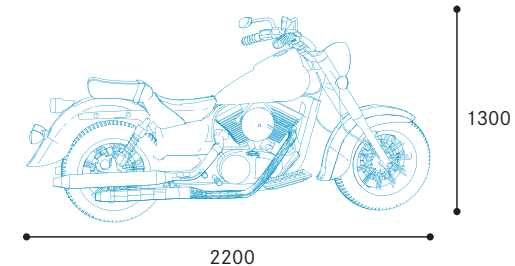
Protection Against Corrosion

Independent of a maintenance workings has to be carried out acc. to Woehr Cleaning and Maintenance Instruction regularly. Clean up galvanized parts and platforms of dirt and road salt as well as other pollution (corrosion danger) Pit must be always ventilated and deaerated well.

Static Calculations and Construction Works Requirement



Clearance Profile (Standard two-wheeler)



- *The total two-wheeler height includes roof rail that must not exceed the mentioned max. height dimension.

Conformity Test

- All our systems are checked according to EC machinery directive 2016/42/EC and 14010.