

Tender specification KLAUS Multiparking ParkDisc D450

Preliminary technical remarks

1. Basis for the design are
 - 1.1 the garage regulations (GaVo) according to the building regulations in the latest version,
 - 1.2 the EC Machinery Directive 2006/42/EC, Appendix 1, and the DIN EN 14010
 - 1.3 the architect's workshop drawings
 2. The bidder confirms upon submission of the bid that the garage dimensions and the driveway widths comply with the GaVo, the relevant implementation guidelines to be specified by him and the system offered by him.
 3. Required surface loads according to DIN 1055, page 3, per parking space: 2.5 t
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Specification

General:

The rotor consists of individual segments that are screwed together to form a solid frame. This frame is equipped with central ball bearings and (in accordance to the static requirements for coverage) maintenance-free rollers with ball bearings, which allow low-noise movement of the ParkDisc. These rollers are placed on the circular U-profile frame, which is mounted securely to the floor using dowelled joints. Additional concrete brackets are welded to the sides. A push-button is used for operation in hold-to-run control

ParkDisc D450 - for 1 car per ParkDisc

Drive:

The ParkDisc is driven by a three-phase geared motor using frictional resistance (0,37 kW, IP 55, 230/400 V, 50 Hz)

Corrosion protection:

Corrosion protection according to DIN EN ISO12944-2, corrosive category C3 moderate

- Floor cover is made of galvanized corrugated sheet metal
- Screws, nuts and plates are galvanized
- All other steel and sheet metal parts are hot-galvanized with exception of construction-related parts such as bolts, bearings, etc.

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To be performed by the customer:

1. Zuleitung zum Hauptschalter:
The supply line to the main cabinet must be provided by the customer during installation. The functionality can be monitored on site by our fitters together with the electrician. If this cannot be done during installation for some reason for which the customer is responsible, the customer must commission an electrician at their own expense and risk.
 2. Building services:
Any required lighting, ventilation, fire extinguishing and fire alarm systems as well as clarification and compliance with the relevant regulatory requirements.
 3. Recess:
Recess for drive motor and ParkDisc, drainage of the recess
 4. Conduit:
Conduit EN 25 (M25) with taut wire between the drive pit and the main cabinet.
 5. Embedding:
Embedding in concrete.
 6. Drainage:
Optionally required drainage.
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Multiparking system for 1 car
ParkDisc D450

Multiparking system for 1 car per ParkDisc

Vehicle length: 500 cm

Platform load: 2,5 t

incl. freight, unloading, installation
incl. electrical wiring from main cabinet
incl. expert acceptance

Extra costs for conclusion of a system service contract SSVP "PLUS" with cleaning and care, incl. maintenance 1 per year, all spare and wear parts, and cleaning and care of the platform surface.
