WÖHR PARKLIFT 461 S

Specification

General:	Car parking system for independent parking of one car. For dimensions please see data sheet Parklift 461 with its dimensions for pit, height and width. This car parking system has two horizontal platforms. The lower platform has a front wedge for the correct positioning of the car. Guided by the operating instruction the user has to adjust the front wedge to his car.
Design and description:	The Parklift consists of two pillars mounted on the floor in the middle on the left and right side of the system and two hoisting slides moving the platforms along the pillars. Gear racks are mounted on the pillars to ensure the mechanically synchron run by two pinions on each side and torsion bars hidden under the lower platform. Two hydraulic cylinders are mounted upon the hoisting slides and four connection bars for additional connection between the platforms.
Components:	One upper platform, as a trough, 10 cm deep, consisting of: Four covering plates, nine cross bars, two side panels, screws, nuts. One lower platform consisting of: Eleven driving plates, one adjustable front wedge, two side panels, one 2 U-shaped cross bar, screws, nuts etc. Synchronizing device: Two gear racks, two through torsion bars with two pinions each, fixing material etc. Supporting structure consisting of: Two pillars with hoisting slides, connecting parts in the pit, four bracings, four connection bars between the platforms, dowels, screws etc. Hydraulic components: Two hydraulic cylinders, two magnetic valves, hydraulic pipes, screwings and fixing material. Electric parts: Operating device with Emergency Stop button, key interlock and two keys per parking space.
Standards:	WÖHR Car Parking Systems are machines according to the Council Guideline governing machinery 2006/42/EC, Annex 1 and EN 14010.
Corrosion protection:	For details please see enclosed information Surface protection 2011, No. 023-0021.
Hydraulic power pack:	One hydraulic power pack can drive several Parklifts provided that they are arranged side by side (e.g. underground car park). Each Parklift is controlled individually at its operating device. The electric motor with pump is mounted rubber-bonded-to-metal. The hydraulic power pack consists of an oil tank with appropriate filling for the entire system, gear pump, electric motor (5.5 kW 230/400 V, 50 Hz), switch box with motor contactor and thermal relay already wired for connection, pressure relief valve and hydraulic hoses reducing the noise transmission to hydraulic pipes.
Provided by customer:	1. Electric work according to enclosed data sheet Parklift 461 (supply lines with lockable main switch to hydraulic power packs). 2. Acceptance by authorised inspector, if required together with a fitter, if not included in offer. 3. Additional corrosion protection, if required by architect/customer. 4. If required to allow lifting a car on the upper parking space, railings or a carport have to be installed on top. 5. Because of their weight pillars cannot be mounted by hand. The customer has to provide a crane free of charge (hook clearance min. 3 m above entrance level, for a maximum weight of 700 kg). 6. At the pit edge drainage channel embedded in the concrete with connection to the sewerage system. 7. For high-precipitation areas extra drainage channel outside around the pit. 8. Marking at pit edge, 10 cm wide and yellow-black according to ISO 3864, if required. 9. Drainage of the pits provided by customer. 10. Maintenance shaft with covering, ladder and entrance to the pit. 11. We recommend to provide a ventilation system to reduce humidity and condensation. 12. The flooring of the upper platform provided by customer requires an additional border of the pit. 13. The flooring of the upper platform provided by customer requires a sealing analog flat roof. 14. Concrete Concrete quality according to the static requirements of the building, but for the dowel fastening we require a concrete quality of min. C20/25.

Enclosure: Surface protection 2011, Nr. C023-0021.

The manufacturer reserves the right to modify or alter above specifications.

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