WÖHR PARKLIFT 402 S

Specification

General:	Car parking system for independent parking of two cars above each other. For dimensions please see data sheet Parklift 402 with its dimensions for pit, height and width. This car parking system has one upper platform which can be driven on horizontally and a lower inclined platform (approx. 8°), each for one car. Both platforms have two front wedges per parking space for the correct positioning of the car. Guided by the operating instruction the user has to adjust the front wedges to his car. Operation according to the "hold-to-run" device (control device which automatically returns to the "off" position after release) with identical keys, two per parking space. The operating device is usually located at the front side of columns or outside at the door panel. An operating instruction is clearly visible and permanently fixed above each operating device.
Design and description:	The Parklift consists of two pillars mounted on the floor on the left and right side and one upper and one lower platform mounted rotating within hoisting slides. Gear racks are mounted on the pillars to ensure the mechanically synchron run by one gearwheel on each side and a torsion bar hidden under the lower platform. Two hydraulic cylinders are mounted on the upper platform. Upper and lower platform are connected as a frame, their distance remains always the same. An automatic hydraulic lowering block prevents unintentional lowering. Buffers on both sides prevent unintentional lowering of the lower platforms when parking in. Hydraulic and electric lines are laid inside the system (not on walls or floors – risk of corrosion).
Components:	Two platforms consisting of: 22 driving plates, four adjustable front wedges, four side panels and six cross bars, screws, nuts etc. Synchronizing device: Two gear racks, one through torsion bar with two gearwheels, fixing material etc. Supporting structure consisting of: Two pillars with hoisting slide, dowels, screws etc. – railings, if required, mounted to the side panels. Hydraulic components: Two hydraulic cylinders, magnetic valve, hydraulic pipes, screwings, high pressure hoses and fixing material. Electric parts: Operating device with Emergency Stop button and key-lock.
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 (1.5 kW, 230/400 V, 50 Hz), switch box with motor contactor and thermal relay already wired for connection, pressure relief valve and two hydraulic hoses reducing the noise transmission to hydraulic pipes.
Provided by customer:	1. Electric work according to enclosed data sheet Parklift 402 (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. Railings and safety fences according to EN ISO 13857 concerning the building structure 5. Marking at pit edge, 10 cm wide and yellow-black according to ISO 3864, if required 6. Drainage of pits, if required by customer 7. 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.

OTTO WÖHR GMBH
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