

# WÖHR PARKLIFT 411 S

## Specification

- General:** Car parking system for dependent parking of two cars above each other. For dimensions please see data sheet [Parklift 411](#) with its dimensions for pit, height and width.  
This car parking system has one horizontal platform for one car. The lower parking space is on the floor right underneath. The 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.  
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 fixed on the floor, platform and two hoisting slides moving the platform along the pillars. The mechanically synchron run of the lowering and lifting movement is ensured by a chain and a torsion bar. An automatic hydraulic lowering block prevents unintentional lowering. It is unlocked by an electric magnet.
- Components:** One platform consisting of:  
10 driving plates, one adjustable front wedge, two side panels and one cross bar, 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.  
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.  
Please note: The lowering speed of an empty platform is considerably lower than a loaded one.
- Provided by customer:**
1. Electric work according to enclosed data sheet [Parklift 411](#) (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 a distance of 50 cm to front edge of platform, 10 cm wide, yellow-black according to ISO 3864, if required.
  6. 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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