

WÖHR PARKBOX 401

Specification

- General:** Car parking system for dependent parking of two cars above each other. For dimensions please see data sheet [Parkbox 401](#) with its dimensions for pit, height and width.
This car parking system has one inclined platform (approx. 3.2°) for one car. The lower parking space is on the floor right underneath. The platform has a front wedge to fix the car. For the lower parking space a front wedge can be mounted on the floor, if required.
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 Parkbox consists of a solid steel structure with two pillars fixed on the floor at a distance of 70 or 100 cm from the rear end. In each pillar there is a tightened chain with a chainwheel. The two chainwheels are connected with a torsion bar to ensure the mechanically synchron run of the hydraulic cylinders. An automatic hydraulic lowering block prevents unintentional lowering from the upper position. It is unlocked by an electric magnet.
- Components:** One platform consisting of:
Seven driving plates, one fixed front wedge, two side panels, one 2 U-shaped cross bar, one ramp, two L-shaped slideways with two rollers each and locking bolts which can be unlocked by a magnet, fixing material.
Supporting structure consisting of:
Two pillars mounted on foundation rails, one buffer, dowels, screws etc.
Hydraulic components:
Two hydraulic cylinders, one magnetic valve, screwings, hydraulic hoses, hydraulic pipes, fixing material and cable.
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 usually drives one Parkbox. When several Parkboxes are arranged side by side they can be connected to a central power pack. Each Parkbox 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 1 hydraulic hose reducing the noise transmission to hydraulic pipes.
- Provided by customer:**
1. Electric work according to enclosed data sheet [Parkbox 401](#) (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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