

WÖHR TURNTABLE 506

Specifications

- General:** Turntables are generally in use - wherever vehicle parking manoeuvres need to be controlled for a reduced environmental impact, - in order to comply with safety regulations and requirements, e.g. where vehicles can only drive out onto main streets in face-forward direction, and/or where the space needed for vehicle parking manoeuvres is not available, - and/or whenever vehicles need to be put on show on rotating platforms in exhibition halls and showroom facilities.
The turntable is generally operated via a hold-to-run control unit. Depending on the site conditions, said unit can be fitted onto appropriate support elements or pillar-mounted in the entrance area. The platform's rotary movements are all controlled from where the control unit is positioned.
- Design and description:** The turntable rotates around a central mounting element and is driven via an outer-ring chain drive. The drive gearbox is available in either an above ground or in an underground configuration, whereby the overall platform set-up structure always protrudes by 4.5 cm above ground level.
In on-site countersunk configurations, the platform can be operated so that it is fully traversable at ground level. The platform can furthermore be operated on virtually all underground slab sections (cement, tarmac, wood) and is remarkably quick and easy to install.
In standard above-ground installation configurations, provided no cables are laid into the flooring section and the lock-down devices have been removed, the platform can easily be shifted around into other positions by 2-3 operators, or it can be disassembled and installed elsewhere.
Apart from the 8 lock-down points, none of the platform's structural parts are designed to be attached to building structures.
- Components:** **Turntable with aluminium plating**
- plate with lug patterning for safe platform access on foot and secure anti-slip protection in the event of wet platform surfaces.
Control unit
- with left turn/right turn controls, emergency stop and a separate controls box for the drive motor power pack.
Drive unit
- geared brake motor with a maximum turntable peripheral speed of approx. 0.25 m/sec.
- Standards:** All the WÖHR Car Parking Systems are built in compliance with the EC Council Machinery Directive 2006/42/EC - Annex 1, and with the EN 14010 standard requirements.
- Corrosion protection:** All load-bearing components and drive plates are constructed in aluminium (stainless steel grade V4A is available with a surcharge). Components subject to wear and tear such as drive chains and drive pinions are electro galvanised and require regular, yearly maintenance.
- Noise emissions:** Weighted sound pressure level of approx. 55 dBA at a one-metre distance.
- Temperatures:** The installation is designed to operate between -20°C and +40°C. In the event of temperatures dropping below +5°C, heating for the control box is offered against surcharge.
- Provided by customer:**
1. Electrical works in compliance with the attached Turntable 506 datasheet
 2. Acceptance by an authorised inspector, if required together with a fitter (if not included in offer)
 3. Empty pipe compliant to the attached Turntable 506 datasheet specifications
 4. Underground motor recess compliant to the attached Turntable 506 datasheet specifications
 5. A drainage system is required in the event of outdoor, underground motor installations
- Options:**
1. Continuous operation mode for exhibition halls and showroom facilities
 2. Turntable speed adjustable from 0.0 – 0.25 m/sec in exhibition halls and showroom facilities
 3. Infrared remote control for left turn/right turn operations compliant to the relative safety distances
 4. Stainless steel drive plates
 5. Main switch and controls box integrated into a pillar-mounted operating panel
 6. Controls box heating for outdoor installations

Enclosure: Wöhr Turntable 506 datasheet

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

OTTO WÖHR GMBH
Article No. C026-0155
Rev. 02.2015