Technical specifications / Tender text
WÖHR Autoparksysteme GmbH
TURNTABLE 505

Specification

General:	Turntables are used in order to avoid manoeuvering causing pollution, to fulfill safety regulations, e.g. where cars are only allowed to drive in forward direction, and/or the traffic area for a U-turn is not available. For dimensions please see data sheet TURNTABLE 505. Operation at an operating device with hold-to-run principle, which is mounted either on columns or in the local entrance area.
Design and description:	The turntable moves around a central storage which is mounted on the floor. The turntable is driven on the outer ring by a friction gear and supported by ball bearing plastic rollers. Top edge turntable is level with floor.
Components::	**Border** consisting of: Ring-shaped outer frame with support blocks for plastic rollers and consisting of 5 ring segments, 1 drive segment and a service point for the counter-roller. **Turntable with a metal surface** consisting of: 1 central bearing; tubular construction with running surfaces; cover plates (dimple plate); maintenance points for motor and support blocks (turntable features galvanised dimple plate as standard; stainless steel dimple plate available at additional cost). Max. permissible vehicle weight 4000 kg (wheel load max. 1000 kg). **Turntable with a 10 cm deep tray for installation in the existing, installation-site subsurface flooring** and consisting of: 1 central bearing; tubular construction with running surfaces; tray with an outer ring approx. 10 cm in height; service points for motor and support blocks. Max. permissible vehicle weight 4000 kg (wheel load max. 1000 kg) plus additional installation-site subsurface flooring with a max. weight of 250 kg/m^2 to the upper edge of the tray. **Drive unit** consisting of: 1 gear brake motor, 0.55 kW, 400 Volt, 50 Hz; turntable rotary speed approx. 0.25 m/sec; friction gear drive with spring-adjustable pressure force. The friction gear drive is accessible via a service point in the turntable.
Standards:	WÖHR Car Parking Systems are machines according to the Council Guideline governing machinery 2006/42/EC, Annex 1 and EN 14010.
Corrosion protection	All structural components and drive-on plates are hot-dip galvanised compliant to DIN EN ISO 1461. For details please see enclosed information Surface protection 2017, No. 023-0028.
Provided by customer:	1. Electric work according to enclosed data sheet TURNTABLE 505 (supply lines with lockable main switch to the switch cabinet) 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. Floor recess as well as delivery and assembly of empty pipes according to detailed instructions Ring-shaped border mounted by the manufacturer has to be covered with concrete 5. Outdoor installation of this product is possible. If local climate conditions experience temperatures below 0 degrees Celsius, it is a requirement for the pit edges to be heated for outdoor installations (heating is provided by the customer) 6. Drainage (mandatory when used outdoors)
Notes:	If DIN 4109 “Sound protection in structural engineering” must be met, requirements must be met on site: separate foundation of construction body. Please contact WÖHR.

Enclosure: Surface protection 2017, Nr. C023-0028.

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

WÖHR Autoparksysteme GmbH
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