CONFORMITY

PN EN 14010

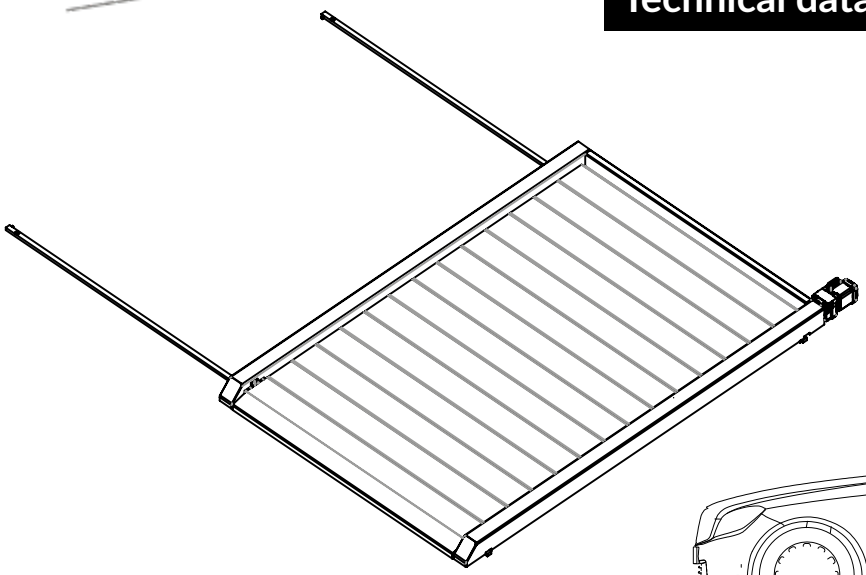
Made in Poland

PALLET-T10

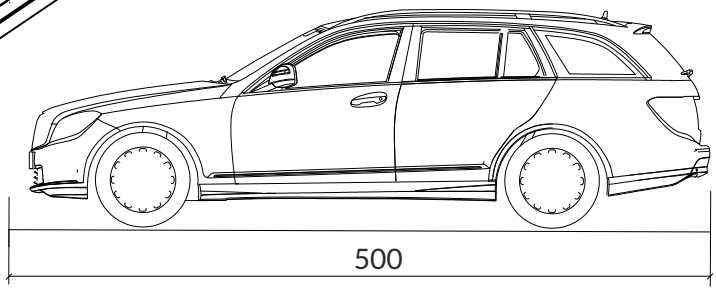
Sliding pallet - independent

Independent parking system, which thanks to the use of any configuration of sliding pallets allows for increasing the number of parking spaces without the need to construct additional access roads. Designed for installation in the garages of residential buildings, office, hotel etc.

Technical data and installation requirements



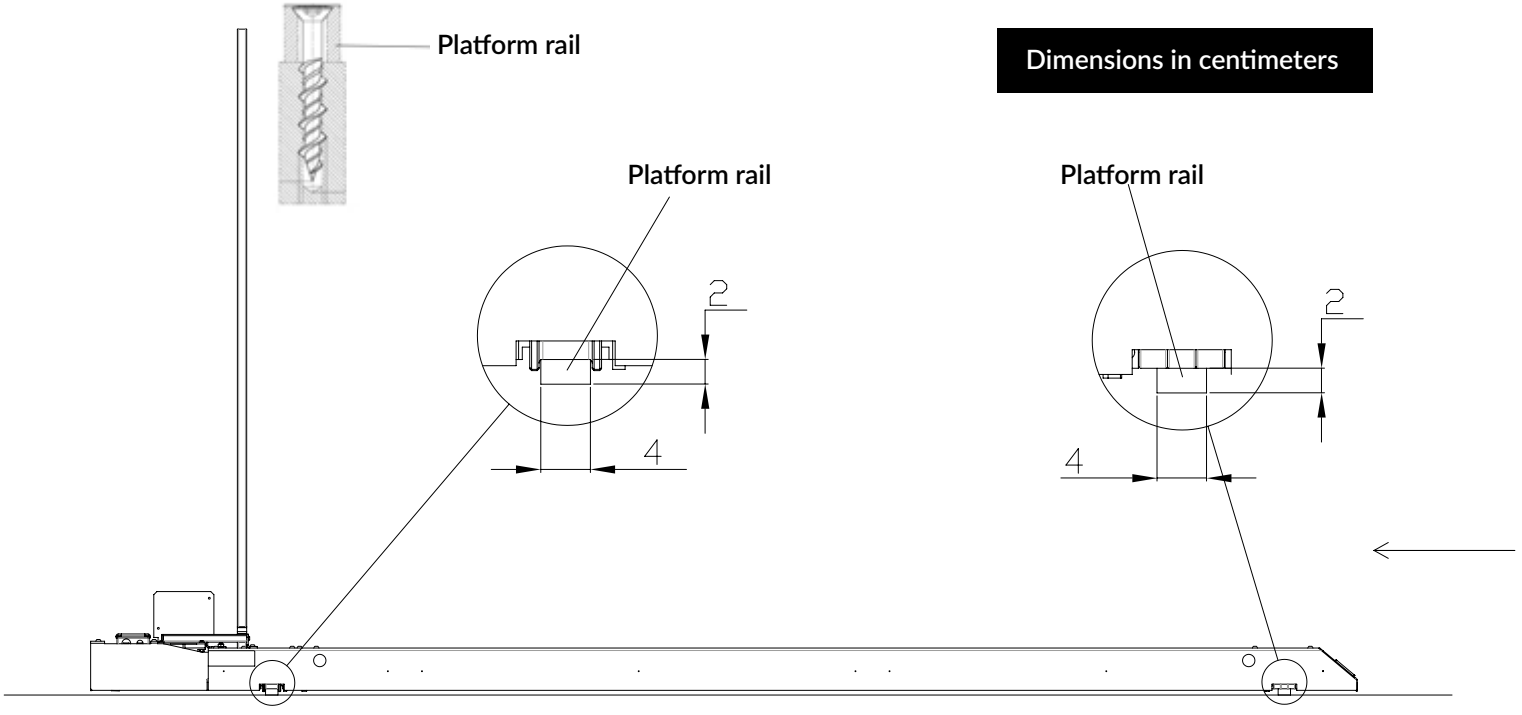
	Car load	Track roller load
Standard	2000 kg	7 kN
Option	2600 kg	8,5 kN

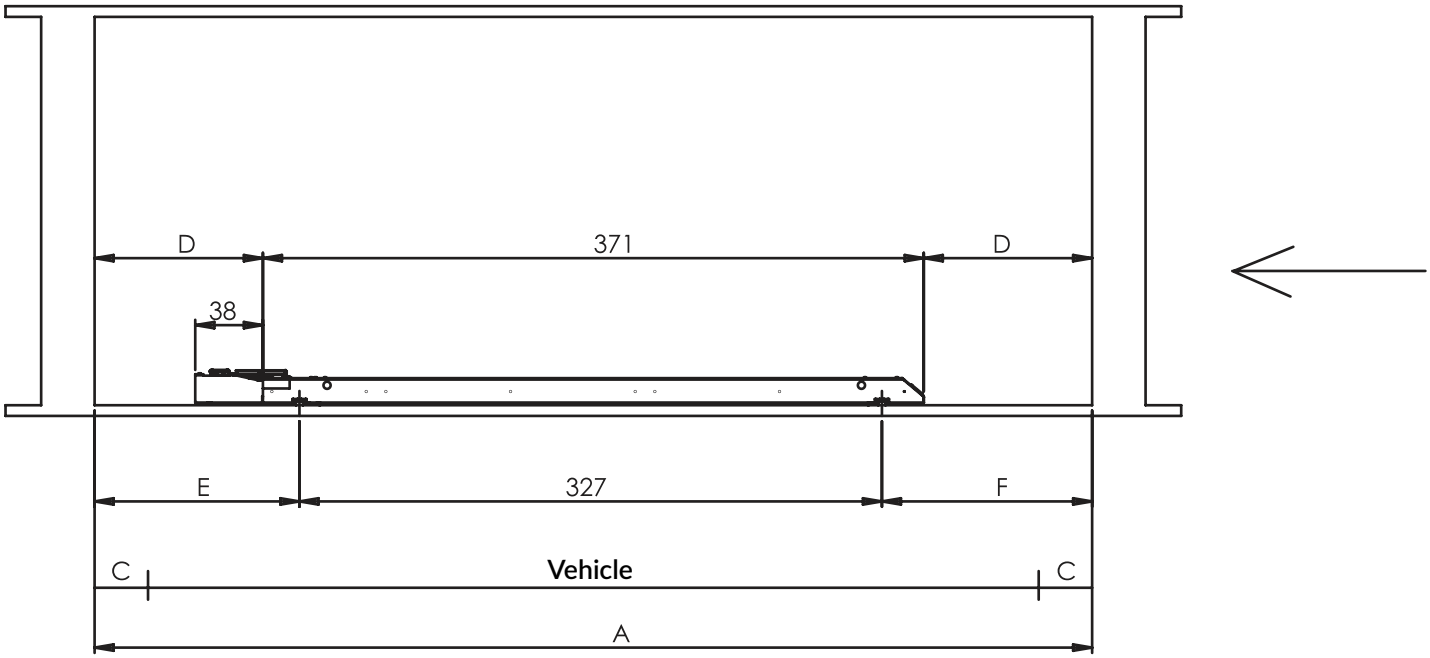


Fastened to the ground with screw anchors

Platform rail

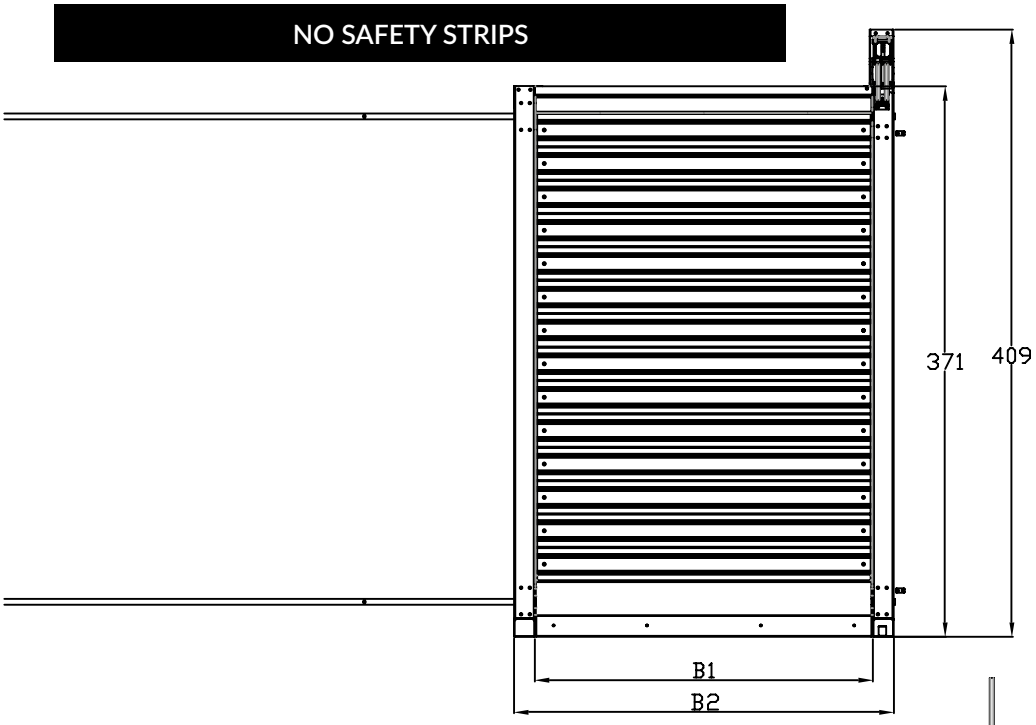
Dimensions in centimeters



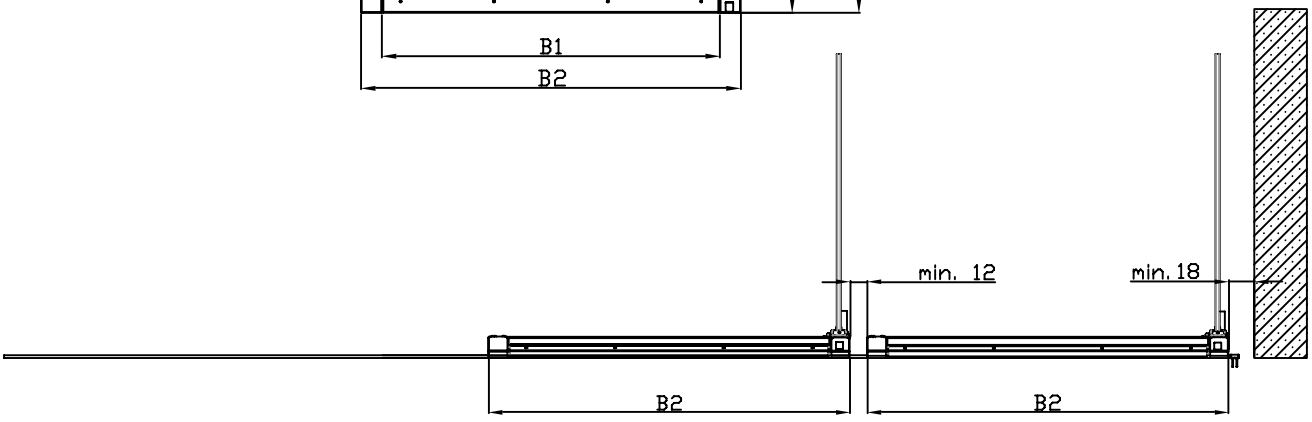


A	Vehicle	C	D	E	F	Comments to the parking space
560	500	30	94,5	115	118	Parking space in accordance with the DIN EN 14010 standard
530	500	15	79,5	100	103	Thanks to the use of light barriers (photocells), parking spaces are in accordance with DIN EN 14010
<530	<500	15	<79	<100	<103	Light barriers (photocells) required. Parking space inconsistent with the standard. Note: limit the length of the car.

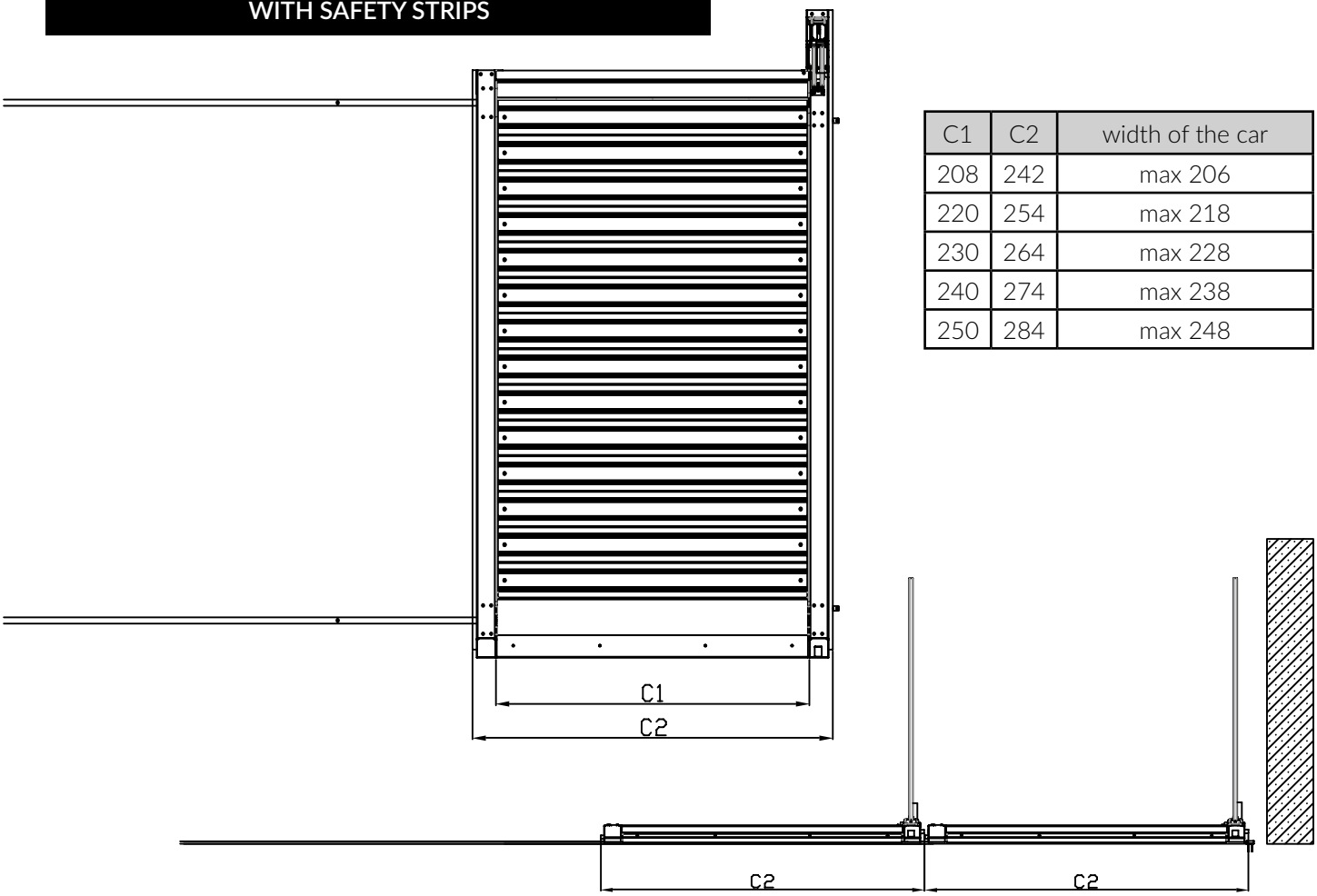
NO SAFETY STRIPS



B1	B2	width of the car
208	236	max 206
220	248	max 218
230	258	max 228
240	268	max 238
250	278	max 248

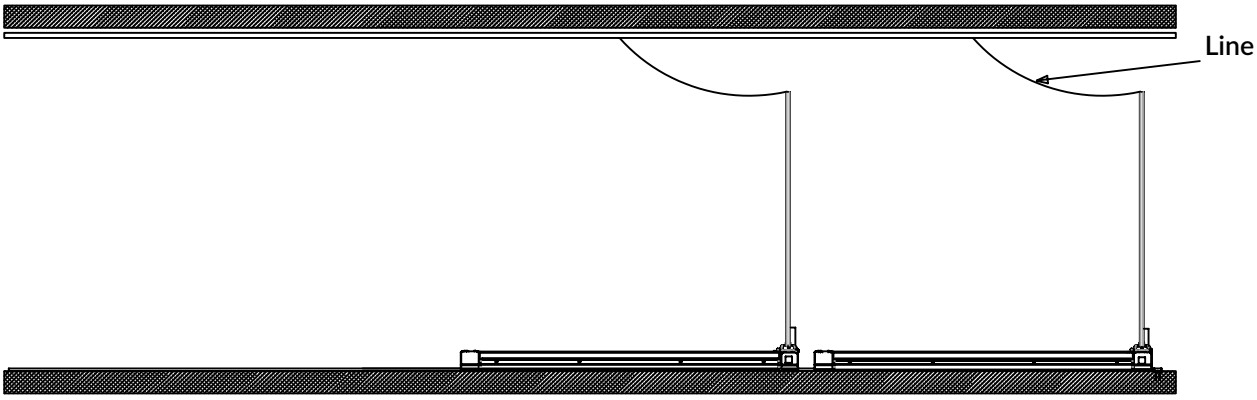


WITH SAFETY STRIPS

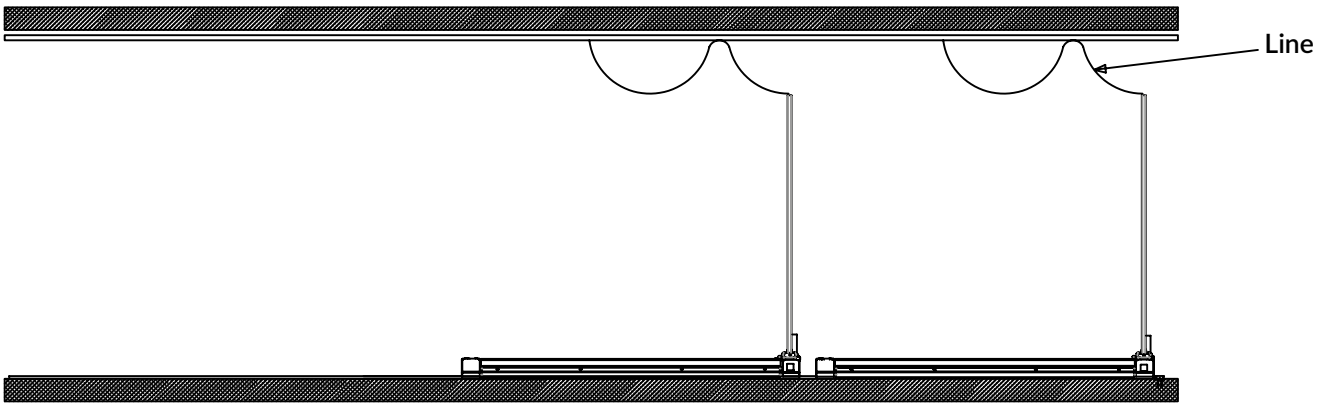


C1	C2	width of the car
208	242	max 206
220	254	max 218
230	264	max 228
240	274	max 238
250	284	max 248

Powered by a pendant cable



Powered by a pendant cable with power supply



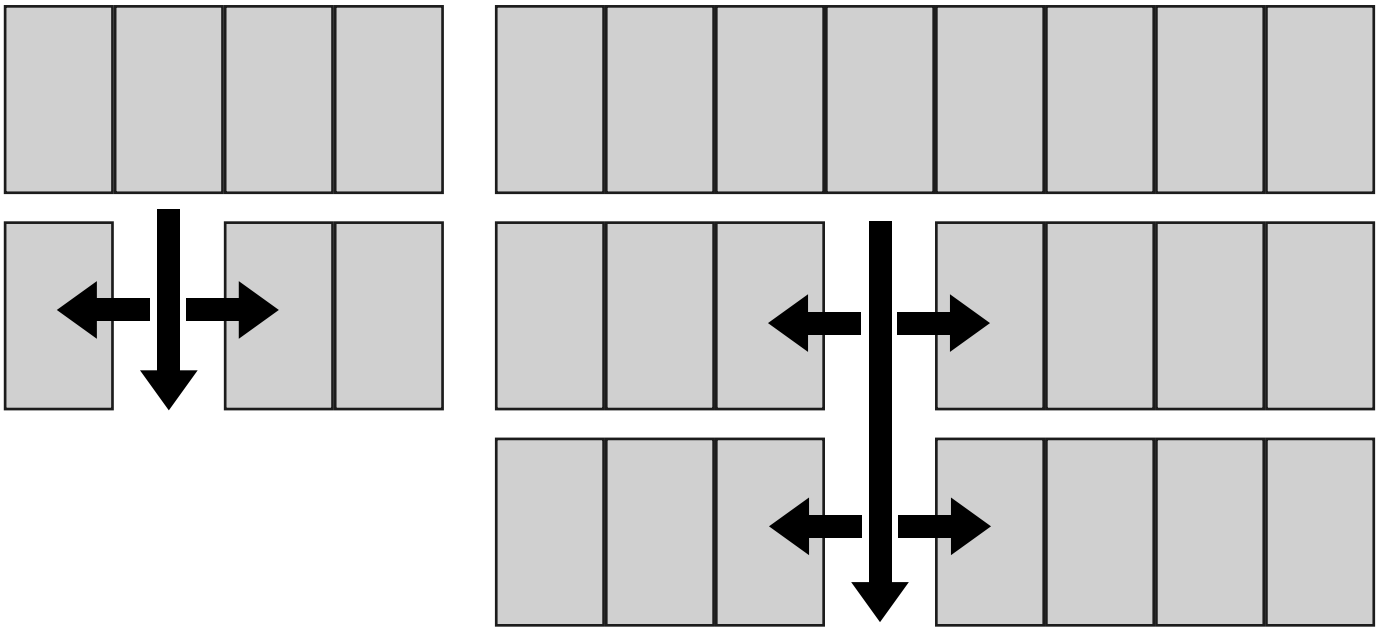
Leveling tolerances (extract from DIN 18202)

- The safe distance between the bottom, outer edge of the pallet and the ground cannot be larger than 2 cm.
- To meet the requirements of DIN EN 14 010 and to achieve the necessary levelling of the garage floor, the values contained in DIN 18202 for the floor finishing should be kept

	Limit value in mm for the measurement points distance in meters to:				
	0,1	1	4	10	15
Unfinished upper surfaces of ceilings, concrete substrates with increased requirements, e.g. for floating concrete screeds, industrial floors, terracotta and tile coverings, uniting concrete screeds. Finished surfaces for secondary purposes (e.g. in warehouses, cellars)	5	8	12	15	20
Finished floors, e.g. concrete screeds used as utility concrete screeds under paving, tile floors, putty floors and adhesive covers.	2	4	10	12	15

According to DIN EN 14010, there must be a safe distance between the front ends and the rear of the vehicle parked on the platform, and the structural elements of the building or other cars, amounting to min. 30 cm. Assuming the length of the vehicle on the platform is 500 cm, the space required for the platform is 560 cm. This dimension may be reduced when parking a shorter car or using light barriers (photocells). The control panel should be positioned in a place where you can see the whole system enabling supervision of the entire process of its movement.

Examples of pallet settings in a underground garage



Ordering party electrical requirements

- Lead the power cable OWY 5x2.5mm2 (3L + N + PE) with the marked cores and protection to the place where the electric box is installed. Electrix box should be indicated or approved by Modulo. Each of the sliding platforms in the MODULO SLIDE system has its own electric drive - 0.37 kW gear motor; 3f; 400V; 50 Hz. Total current consumption by the MODULO Pallet system is obtained by summing up the platforms working in a combined system (the system can be composed of one or more adjacent cooperating platforms). In one facility there can be several systems, each of them requires a separate connection with parameters consistent with the number of installed platforms
- End the power cord with a three-phase switch with position lock on 1.50-1.70 m from the access road level. The colour of the switch should be red on a yellow background and can be locked with a padlock in the "0" position.
- Make grounding near the running rails. Potential equalization in accordance with DIN EN 60204 from building foundation grounding to the running rails.
- Prepare a 3x16A (C characteristic) protection for the installation. For larger projects the value of the collateral may change.

Description of the structure

The device consist of

- supporting structure
- electrical installation - drive motor with a power of 0.37 kW

Construction requirements

- the floor for the device must be made according to DIN 18202 table 3 line 3

Documents available:

Operation and maintenance manual, quick start guide, declaration of conformity, construction plan, service offer / contract. The manufacturer provides the required documentation related to the device. The system was developed in accordance with the PN-EN ISO 14010 standard and the Machinery Directive 2006/42 / EC and is CE certified.

Maintenance:

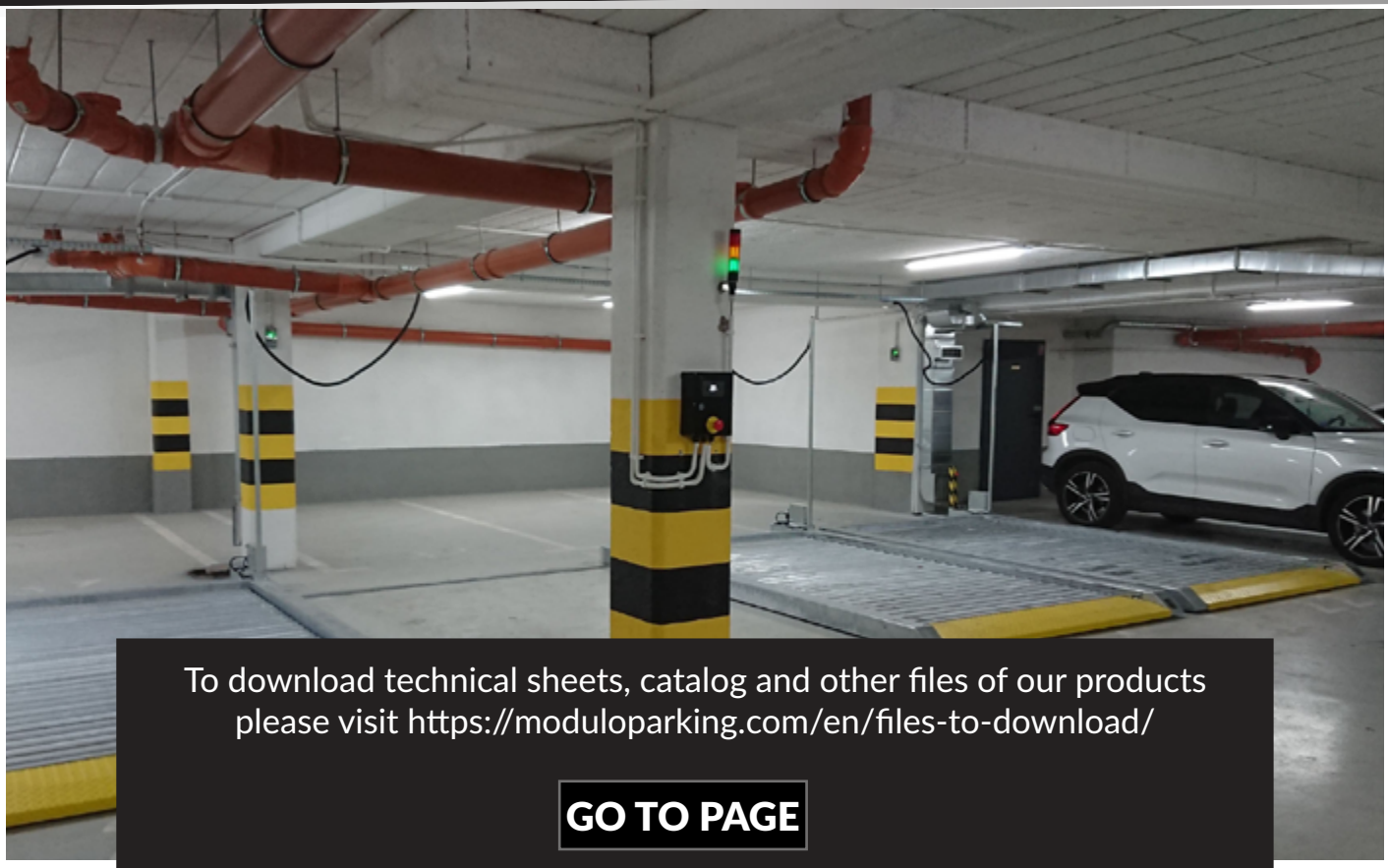
In order to ensure the longest and failure-free operation of the device, please follow the instructions in the maintenance manual and provide adequate ventilation.

Corrosion protection:

The steel structure is factory protected against corrosion. C3 anti-corrosion protection class has been adopted according to PN-EN ISO 12944-2 (average), annual loss of zinc coating in this class is 0.7-2.1µm.

Situational conditions of the surroundings:

Temperature range: -15˚C ÷ + 40˚C (optionally from -30˚C or up to 50˚C).



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