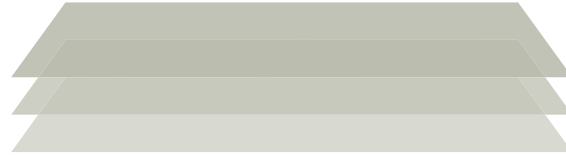
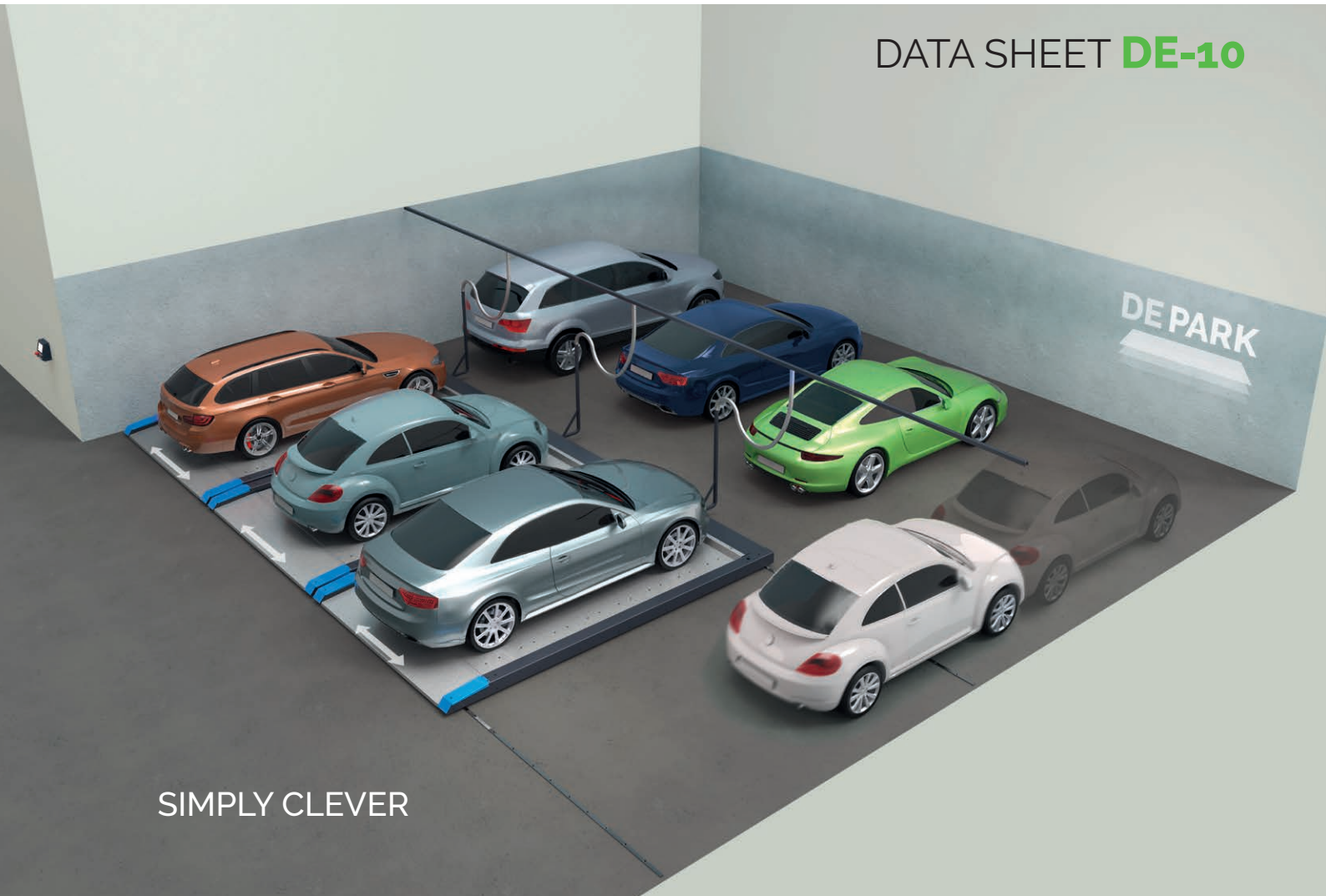


DE PARK

Parking. Surprisingly simple.



DATA SHEET **DE-10**



SIMPLY CLEVER



DE-10 Transverse sliding platform

MAXIMUM SPACE UTILIZATION, INCLUDING AREAS BEHIND COLUMNS AND CORNERS

Independent Car Parking System with a semi-automatic control

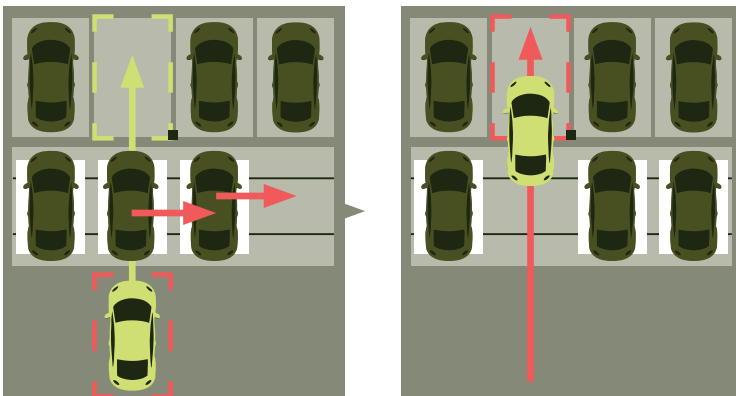
D

Digital Parking Technologies

Made in Germany



DE-10 is our independent **Car Parking System** placed in front of **conventional parking spaces**. The **transverse sliding platforms** use the spaces **behind pillars and on corners**. They are **electrically driven** and move **on rails**. One empty space in a system row allows the cars to reach the row located behind.



- Suitable for residential and office buildings as well as for business premises.
- For trained and permanent users only.
- Indoor-installation.

Increase your number of parking spaces by moving platforms close together and to the side. Sometimes the parking spaces can even be doubled.



EASY TO PLAN with space-saving construction.

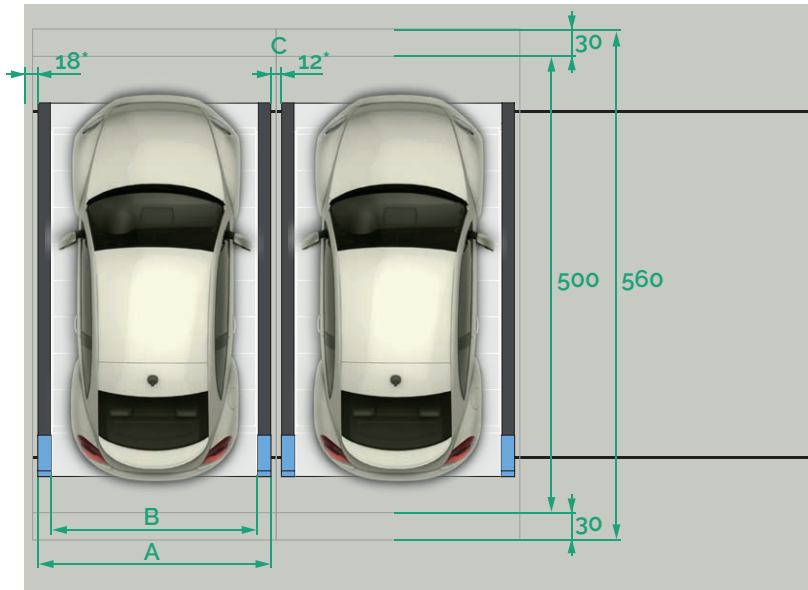


EASY TO INSTALL with minimized parts construction.



EASY TO USE due to barrier free construction.

INSTALLATION DATA



WIDTH OF PARKING SPACE / SYSTEM WIDTH (IN CM)

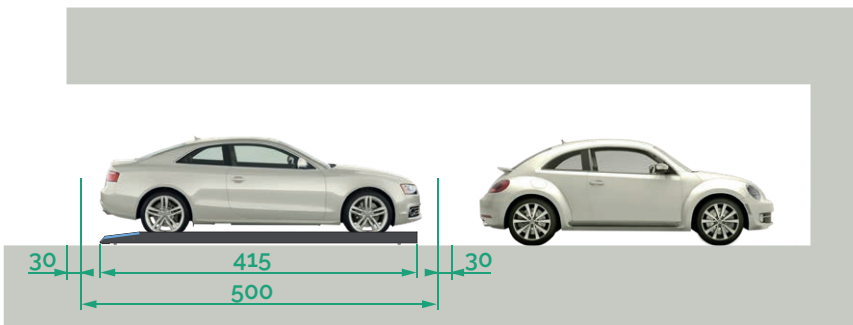
A = system width (outer raster)
 B = parking width (inner raster)
 C = required space between the pallets*

A	B
225	195
235	205
245	215
255	225

*to C: If the distances cannot be complied, additional safety precautions are necessary.

LENGTH OF PARKING SPACE / INSTALLATION LENGTH (IN CM)

Car-length: 500 cm
 Installationslänge: 560 cm
 Platform length: 415 cm

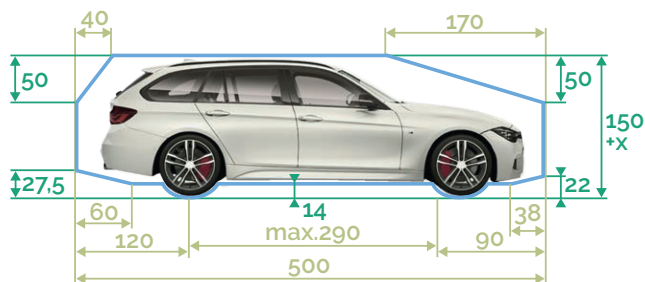


The maximum **CAR-HEIGHT** is the available ceiling height in the garage minus 15 cm (safety distance to the ceiling is included).

VEHICLE HEIGHT (max.)



- Standard**
 - 2000 kg, 500 kg wheel load
- Optional**
 - 2600 kg, 650 kg wheel load

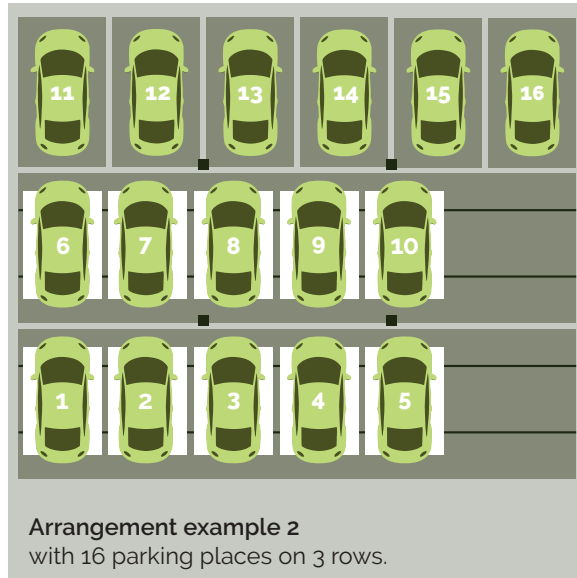
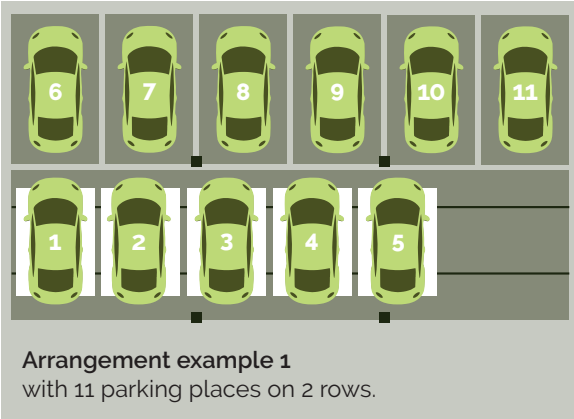


CLEARANCE PROFILE (IN CM)

According to DIN EN 14010, the safety distance from vehicle on pallets is 0.30 m between the bumpers of a parked vehicle and fixed parts of the environment or the bumpers of other vehicles. Lowered vehicles and cars with front spoilers can only be parked up to a limited extent. Please contact DE-PARK.

DIMENSIONS

All dimensions are minimum finished dimensions. Allow for tolerances to VOB Part C (DIN 18330, 18331) and additionally DIN 18202 (+ 30 mm / 0 mm).

ARRANGEMENT POSSIBILITIES

Multiple pallet rows can be arranged **behind each other**.

One empty space per pallet row is required for the shifting and access.

CONTROL AND OPERATION

Touch-Screen control unit

**Semi-automatic operation**

by an interactive control unit with touch screen.

Choose your parking space simply and conveniently by touch screen, press the push-button and follow the movement on the screen.

CONSTRUCTION REQUIREMENTS (see also planning notes)



FORCES TO THE STRUCTURE

	2000 kg	2600 kg
F1	7,5 kN	9 kN

FLOOR REQUIREMENTS

The platforms are directly anchored into the floor with heavy duty anchor bolts. The depth of the drill hole is approx 10 cm. The base plate thickness must be minimum 20cm with a concrete quality according to the static requirements of the building. Minimum requirement of the concrete quality is C20/25. It is not allowed to use mastic asphalt!

According to DIN EN 14010 the safety distance between the lower flange of the platforms and the garage ground must not exceed 2 cm. Exact levelling of the ground by the costumer is therefore essential.

Please also adhere to

EVENNESS TOLERANCES TO DIN 18202, table 3, line 3.

ELECTRIC INSTALLATION

The parking platforms are electrically powered and moved on rails. Each pallet is supplied with its own power cable.

Power supply and system performance

- power supply: 400 Volt, 50 Hz, 3 phase
- system performance: 3,0 kW

Control cabinet

The control cabinet must be placed outside the moving range of the system. We recommend positioning the cabinet near the system for a better overview of the system (wall recess/niche).

Size (length x width x height):

- approx. 1200 mm x 1600 mm x 210 mm

To be provided from customer:

Item	Description
1	Electric meter
2	Fuse or automatic circuit breaker according to DIN VDE 0100, part 430, 16 A slow
3	Supply line to main switch 3 PH + N + PE according to local regs.
4	Main switch lockable
5	Connection for the protective potential equalization according to DIN 60204
6	Protective bonding all 10m

PLANNING NOTES**Maintenance, cleaning and prevention**

The systems must be serviced and cleaned regularly according to our operating instructions. Please ensure that there is sufficient drainage.

**Safety fences • Barriers**

Must be installed in the pedestrian area, accessible areas around the system as per DIN EN ISO 13857 (on site, also during the installation).

**Ventilation**

The parking garage must be adequately ventilated.

**Lighting**

The parking spaces must be adequately illuminated on site as per regulations.

**Declaration of conformity**

Car Parking Systems of DE-PARK are conform to EG-Machinery Directive 2006/42/EG and to DIN EN 14010 (safety).

**Temperature**

Temperature range from - 5 to + 40° C.
Relative humidity max. 80 %.
Please contact DE-PARK in case of different conditions.

**Fire safety**

The garage design must fulfill the regional fire safety provisions. The requirements can vary. Therefore the situation must be clarified and information obtained in advance by the customer and then agreed and coordinated.



DE PARK

Parking. Surprisingly simple.

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