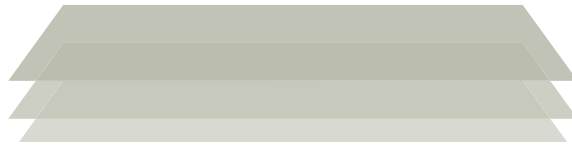
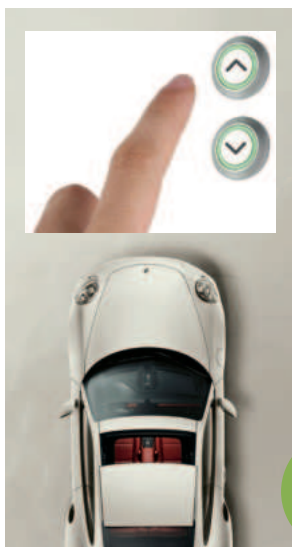


DE PARK

Parking. Surprisingly simple.



DATA SHEET **DE-30**



DE-30

SIMPLE AND CLEVER
TO DOUBLE THE PARKING PLACES

Independent Car Parking System,
without pit and with Interactive Control

A

Analogue Parking Technologies



DE-30 the dependent Car Parking System with a horizontal accessible platform is installed on two levels, above ground – without pit. The vehicle below is directly parked on the ground. A modular design solution with at least 1 segment for 2 vehicles offers a high flexibility due to any extensions of segments.



EASY TO PLAN with space saving construction.



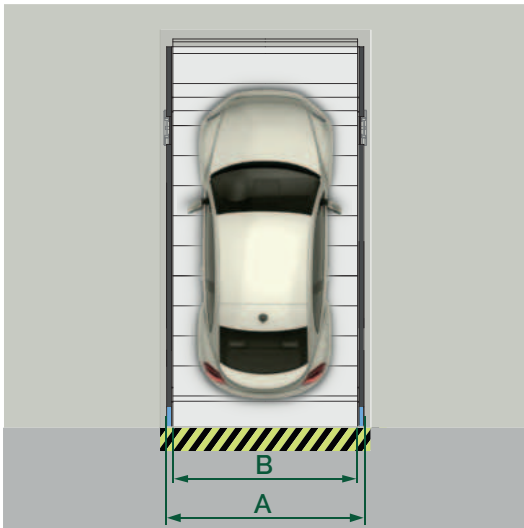
EASY TO INSTALL with minimized parts construction.



EASY TO USE due to barrier free construction.

DE-30

- for private Car Parks, Hotels (short and long term parking), Car-Sharing, Valet-Parking, Car Rental Areas, Car Dealerships and Car repair workshops.
- for trained and permanent users only or visitors can park on the place below.
- suitable for Indoor and Outdoor use.



A* = system width (outer grid)

B = parking space width (max. vehicle width)

A	B
250 cm	220 cm
260 cm	230 cm
270 cm	240 cm
280 cm	250 cm
290 cm	260 cm
300 cm	270 cm

*Tolerance of dimensions on the construction site = 0 to +3cm

Length

PL = platform length

EB = installation length to achieve max. FL

FL = max. vehicle length*

Size	PL	EB	FL
S	365 cm	520 cm	500 cm
M	410 cm	520 cm	500 cm
L	440 cm	520 cm	500 cm

*Choose larger size of platform for comfortable vehicle positioning on the platform.

Vehicle weight



Standard

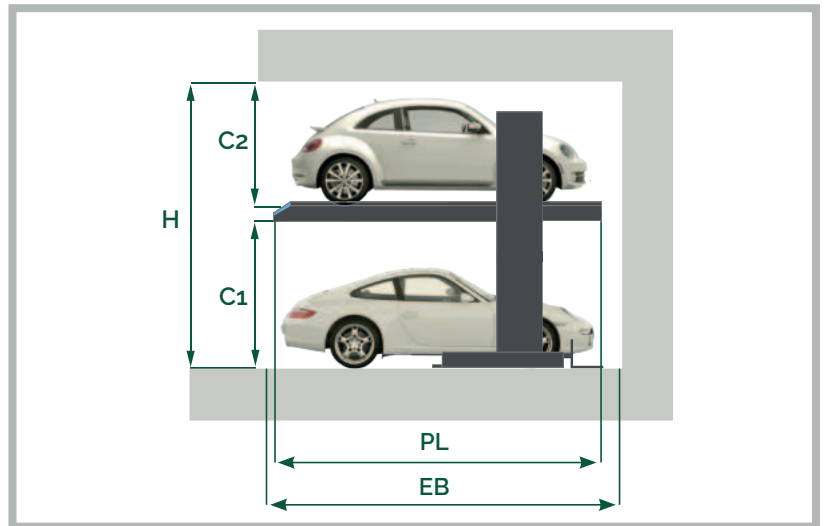
- 2000kg, 500kg wheel load

Optional

- 2300kg, 575kg wheel load

All dimensions are minimum finished dimensions.

Allow for tolerances to VOB Part C (DIN18330, 18331) and additionally DIN 18202 (+30mm / 0 mm).



H = clear height

C1 = car-height below

C2 = car-height above

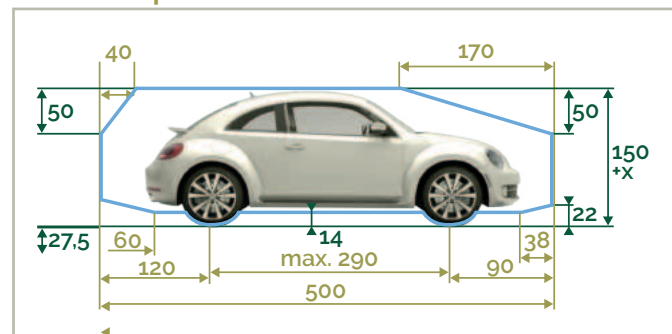
H	Height option 1		Height option 2		Height option 3	
	C1	C2	C1	C2	C1	C2
320 cm	150 cm	150 cm				
330 cm	160 cm	150 cm				
340 cm	170 cm	150 cm	160 cm	160 cm		
350 cm	180 cm	150 cm	170 cm	160 cm		
360 cm	190 cm	150 cm	180 cm	160 cm	170 cm	170 cm
370 cm	200 cm	150 cm	190 cm	160 cm	180 cm	170 cm

Special dimensions are available on request.

Vehicle height

Higher cars can be parked on the platform above in case of more ceiling height. The total vehicle height, including the roof rack, antenna, etc., must not exceed the mentioned maximum height values. The vehicle height (C2) above is unlimited for Outdoor Use.

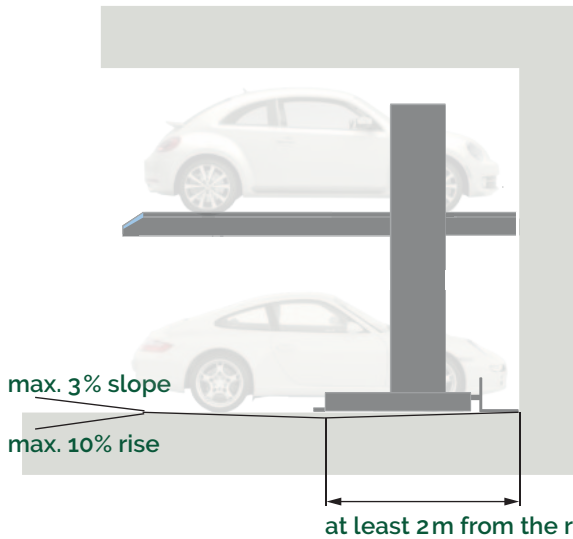
Clearance profile



Dimensions in cm.

Lowered vehicles and cars with front spoilers can only be parked up to a limited extent. Please contact DE-PARK.

Construction requirements



Slope and rise

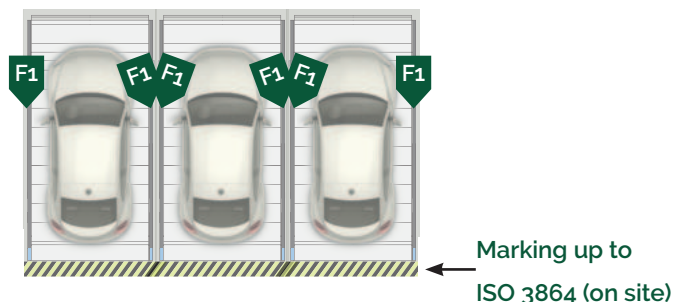
- max. 3% slope
- max. 10% rise

In case of higher values, safe access of the vehicle cannot be guaranteed by DE-PARK.

Forces on the structure F1

- 20 KN at a vehicle weight of 2000 kg
- 25 KN at a vehicle weight of 2600 kg

Please note that the forces apply to one pillar.



Anchoring

The systems are directly anchored into the floor with heavy duty anchor bolts. The depth of the drill hole is approx 13cm. The **base plate thickness** must be **minimum 20 cm** with a **concrete quality according to the static requirements** of the building. **Minimum requirement** of the **concrete quality is C20/25**. The precise position of the load application points is available on request.



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).



Fire safety

Any local conditions and any local necessary measures must be clarified and implemented on site.



Noise emissions

According to the noise insulation regulations for buildings to DIN 4109, a value of 30 dB(A) must be complied with in occupied rooms and spaces. A sound insulation package for the required value of the system is part of our scope of delivery. Sound reduction index of the structure of minimum 57 dB(A) must be provided on site.

Control and operation



Analogue operation (manually)

by using of an interactive, innovative control unit with two push buttons (lifting and lowering), an emergency stop and illumination to visualize the system status easily.

The new generation of control units for higher comfort and safety, developed for our costumers.

Choose your parking space easily by pushing the buttons (keep pressed push buttons for lifting and lowering).

The lowering speed of an empty platform is slower than a platform with vehicle.



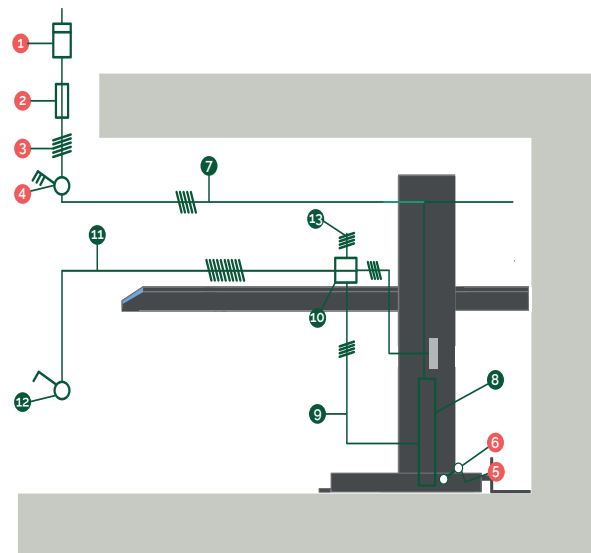
Car Parking Systems
of DE-PARK
are conform to EG-
Machinery Directive
2006/42/EG and to
DIN EN 14010 (safety).

Installation diagram

Performances by the customer (electricity)

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

Nr. 7 to 13: Components are part of DE-PARK'S scope of delivery.



Other planning notes

Power supply and system performance

- Power supply: 400 Volt, 50 Hz, 3 Phasen
- System performance: 3,0 kW

Ventilation and lighting

The garage must be adequately ventilated and the parking spaces require lighted according to local requirements.

Maintenance, care and cleaning

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

Hydraulic and control unit

Please provide a place close to the system for the hydraulic unit and the control cabinet with good accessibility and view to the system (wall recess, niche).

Size of hydraulic unit (depht x width x height)

- approx. 600 mm x 120 mm x 850 mm

Size of control unit (depht x width x height)

- approx. 250 mm x 200mm x 300mm

Technical modifications and changes are reserved to DE-PARK GmbH.



INNOVATION FOR THE FUTURE

Our market is a very traditional market with a quite slow innovation rate. We have set out to change this. We strive for **new solutions** that will **make the life of our customers easier**. As well for the **planning of a building** as for the **installation of a parking system** we are trying hard to find **new ways to give you more**.

More security, more efficiency and in the end **more ease of use**.

Car parking systems have been manufactured and installed on the world market for several decades. We from **DE-PARK** are a **dynamic, high motivated and experienced team** with **deep know-how** in the **development, manufacturing and planning of car parking systems**. We have used our experience in the parking system sector to **develop and manufacture PREMIUM PARKING SYSTEMS** for you.



DE PARK
Parking. Surprisingly simple.

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