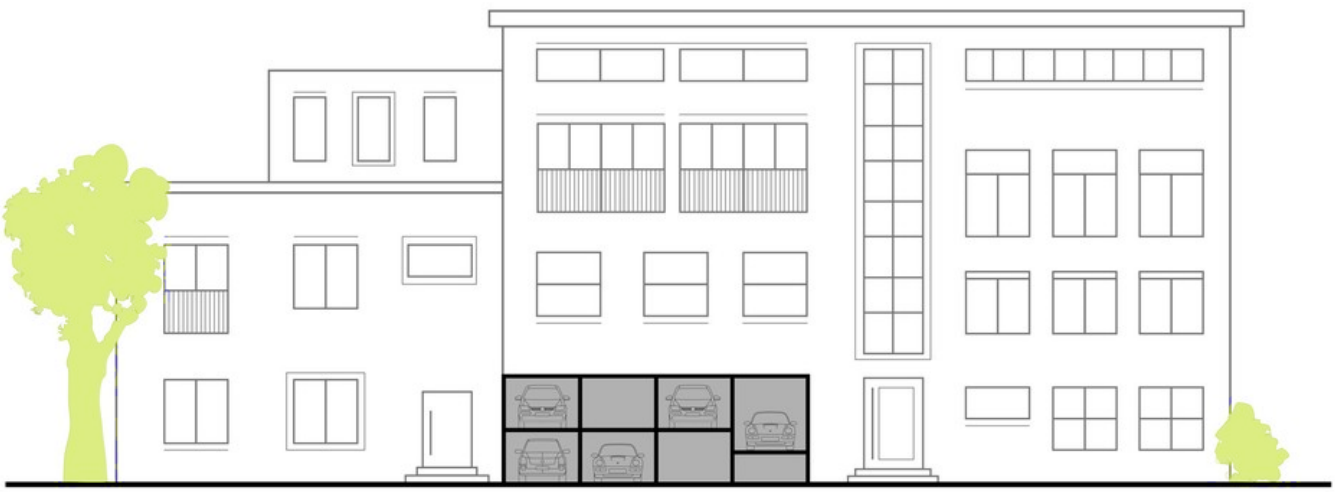
stolzer
A BRAND OF STOPA



Automatic parking.
Parking system auto-CP

Essential facts for planners and architects

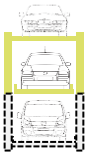
Data sheet
Parking system auto-CP

Increase existing capacity by stacking vehicles on multiple levels with electromechanical deployment.

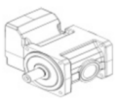
With our automatic Compact Parker (CP), the parking spaces on one parking level can be tripled. The access level can be extended above and below a level. The Compact Parker is suitable for closed user groups.

Technical features

Construction
Self-supporting scaffold fixed to the base plate. All supporting components are galvanized.



Variation
Depending on the project, different arrangements of the parking space levels can be implemented.

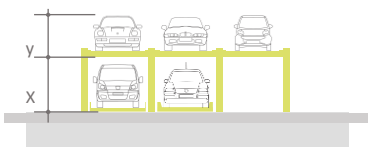


Drive
Electromechanical drives with geared brake motors and chains for quiet operation and low maintenance.

Platform
Comfortable passable and walkable flat surface made of sustainable and non-slip plywood panels.

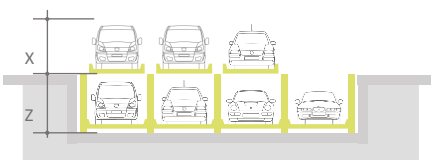
System variants

auto-CPo



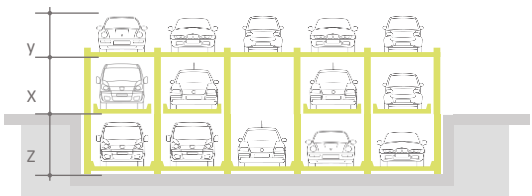
In the car CPo the additional parking spaces are above
(= oberhalb)

auto-CPu



In the car CPu the additional parking spaces are below
(= unterhalb)

auto-CPc



The CPc is a combination of parking spaces above and below
combi

Specificationen

Clear platform width :	2300mm / 2500mm / 2700mm
Vehicle height:	1600mm / 1800mm / 2000mm
Vehicle length :	5000mm / 5200mm
Vehicle weight:	2.600kg (Wheel load max. 650kg)

Flat, horizontal, non-slip platform surface
Electromechanical drives
Operation via RFID or IR/radio remote control

Car dimensions

Ground clearance min. 140mm
Total height of the cabin incl. roof superstructures must not exceed the maximum vehicle height.

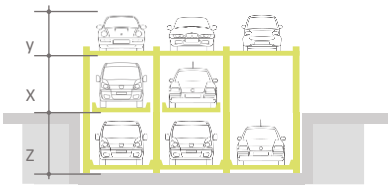
Dimensions*

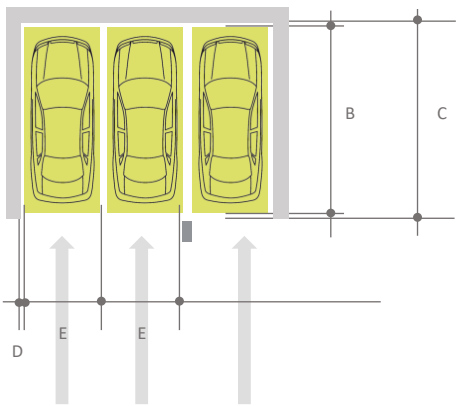
Height grid

Above (Y) = Vehicle height + 0,15 m

Entrance Level (X) = Vehicle height + 0,15 m

Below (Z) = Vehicle height + 0,45 m





Longitudinal grid

Construction length (C) = Platform length (B) + 0,5 m

Width grid

Block width (E) = platform width + 0,20 m

Distance (D) = 0,10 m

System width (F) = 2 x D + E x number of blocks

Exemplary determination of the system dimensions:

auto-CPc with 3 blocks
(platform width 2,3m; platform length: 5,2m;
car height: 1.75m/2m/1.75m):

Total height = Z + X + Y
total height = 1,75m + 0,45m + 2,0m + 0,15m + 1,75m + 0,15m
Total height = 6,25m

Total length = B + 0.5m = C
Total length = 5.2m + 0.5m = 5.7m

Total width = 2 x D + 3 x E
Total width = 2 x 0.1m + 3 x (2.3m + 0.2m) = 7.7m

*All construction dimensions are minimum finished dimensions. Tolerance for construction dimensions +3/-0cm. Tolerance of floor flatness max. +1,5/-0cm.

Gates

According to DIN EN 14010 a gate closure is required

Standard gates:	manual sliding gates
Standard gate frame:	Aluminum profile, natural anodized
Standard gate filling:	Inside: galvanized steel wire mesh (mesh size 15mm x 15mm)
	Outside: aluminum smooth sheet, natural anodized (thickness 2mm)

Control unit

Additional installation space is required in the area of the parking system for the control cabinet.

The operating terminal is mounted on the left or right of the system, with a view of all gates

Special versions (optional)

electric sliding gates
E-charging
structure-borne sound insulation

Special dimensions on request
Project specific door surface on reques

stolzer
A BRAND OF STOPA

STOPA Anlagenbau GmbH
Industriestraße 12
77855 Achern-Gamshurst
Germany
T +49 7841 704-0
F +49 7841 704-190
info@stolzer.com
www.stolzer.com