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BIKE-PARKING-LIFT

«NO-GRAVITY» KINETICS FOR EASY & FAST PARKING AND OPTIMAL USE OF SPACE

NEW GENERATION
BIKE-PARKING-LIFT

For any bike & e-bike

Anti-theft bracket

Top-notch material quality & design

Sledge with «NO-GRAVITY»

Finetuning for the «NO-GRAVITY» effect

SEE IN ACTION

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HIGHLIGHTS

- With «NO-GRAVITY» technology
- For all bikes up to 30 kg
- Reliable mechanism
- Very robust construction
- No maintenance – no costs
- Very easy operation
- Maximum PS capacity per m^2

Sledge with «NO-GRAVITY» technology
The mechanical kinetics, the «NO-GRAVITY» technology developed by us, brings every bicycle and e-bike up to 30 kg into its floating, vertical parking position – and back again. Smoothly, safely, and quietly. Very fast and without any physical effort.

Anti-theft bracket
Matching its rugged design, the BIKE-PARKING-LIFT is also equipped with an appropriate anti-theft bracket made of hardened steel. A bicycle lock can be used to secure the bicycle against theft in the vertical parking position.

No servicing or maintenance
The Bikelift is designed in such a way that it does not require any servicing or maintenance, even with daily hard use. Simply applying a little oil every now and then is completely sufficient. The top-notch material quality used contributes to the fact that there will be no material fatigue.

Extremely rugged
Built to withstand the toughest indoor and outdoor use, regardless of wind and weather conditions: That's why the Bikelift is ideal wherever parking space is needed.

For all bikes and any size
The BIKE-PARKING-LIFT is optimally suited for every bicycle. No matter if equipped with slim or ultra fat tires.

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Finetuning for the «NO-GRAVITY» effect
To ensure that the «NO-GRAVITY» kinetics functions optimally with any bike weight, the holding force/traction force can be adjusted easily and quickly. This means that perfect fine adjustment is always possible, even when changing bikes later (for example, from lightweight racing bikes to ultra-heavy touring e-bikes). – The tractive force is always uniform over the entire kinetics phase.

Optimum space utilization
The BIKE-PARKING-LIFT is more than just a convenience product for bicycle parking. Rather, it is also an overall system in combination with optimum space utilization. Because the Bikelift impresses with the best space utilization per m^3 and m^2. Details can be found on **pages 6/7** with information on optimal space planning and how to save construction costs.

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Material and color selection
- Cladding: aluminum 1.80 mm, colorless anodized
- Cover in CNS 1.4301
- Inner workings: steel, galvanized, oiled chain
- «NO-GRAVITY» sledge: yellow (RAL 1008)
- Optional: color design of your choice; for an additional charge

Maximum dimensions and dead weight of bike
- Length: max. 200 cm | Height: max. 125 cm | Wheel size: max. 29" | Tire width: max. 7.7 cm | max. 30 kg

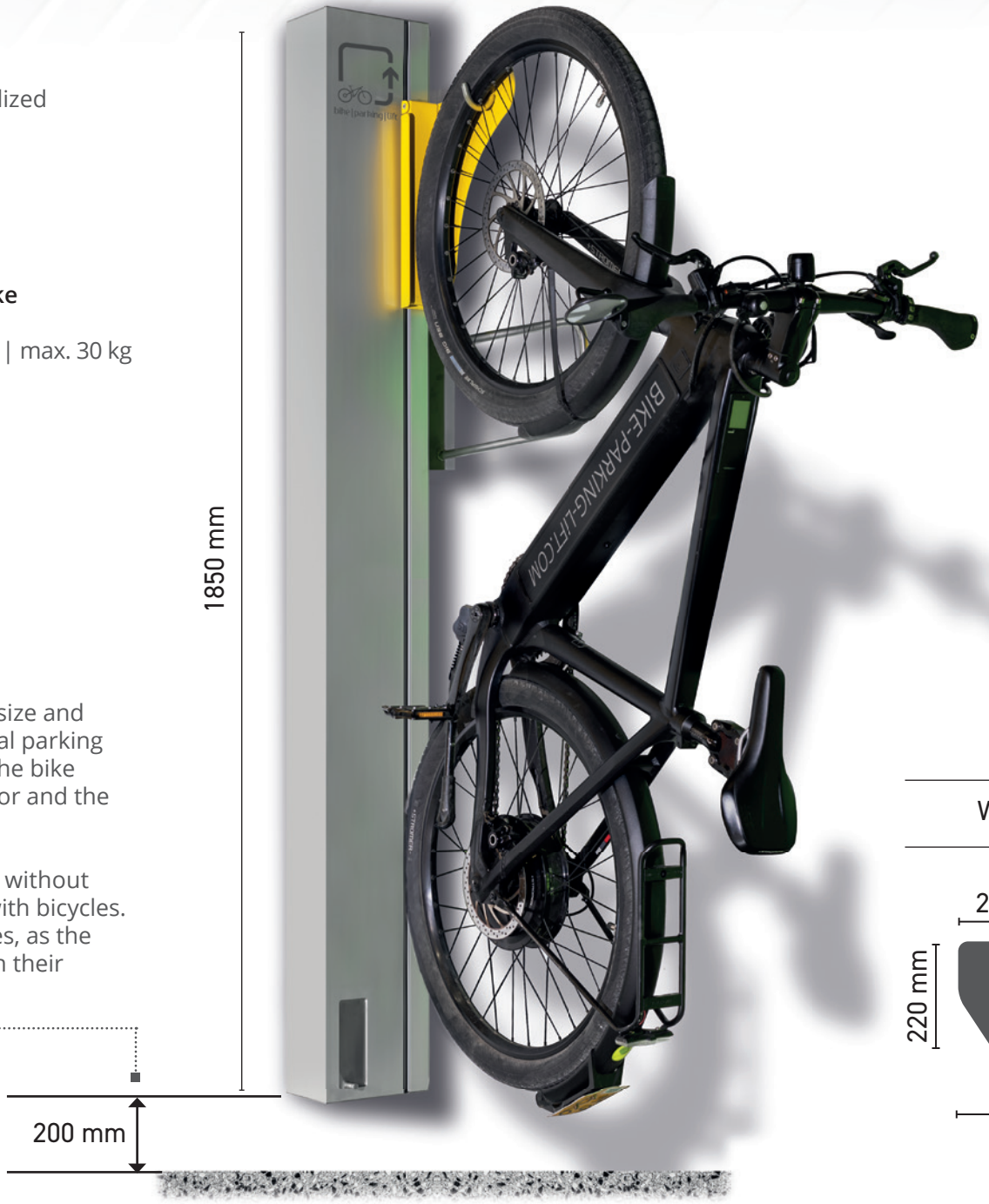
Recommendation for wall mounting (statics)
- Statics must ensure a load of at least 120 kg

Operating environment
- Corrosivity category C3
- Temp. -20° to +40° | Humidity: 40% to 70%
- Roofing is a prerequisite for outdoor use

Ready-steady clean space

The BIKE-PARKING-LIFT pulls any bike – of any size and length – from a standing position into its vertical parking position. The free-floating parking position of the bike leaves a free space of 200 mm between the floor and the Bikelift/bicycle.

This means that parking areas can be cleaned without hindrance even when they are fully occupied with bicycles. This is also a great advantage for public facilities, as the cleaning staff still has unobstructed access with their cleaning equipment.

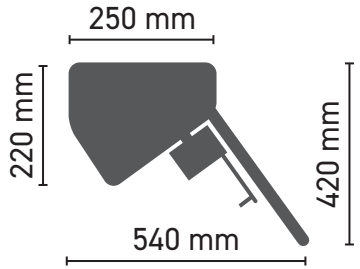


BUILT FOR TOUGH LIFE

PUBLIC PROOFED

BIKE WEIGHT UP TO 30 KG

Weight: 37 kg



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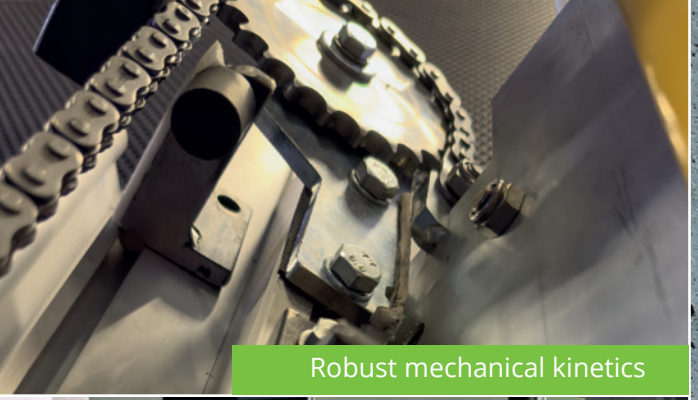

Robust mechanical kinetics

Finetuning of NO-GRAVITY effect

Assembly example in the showroom

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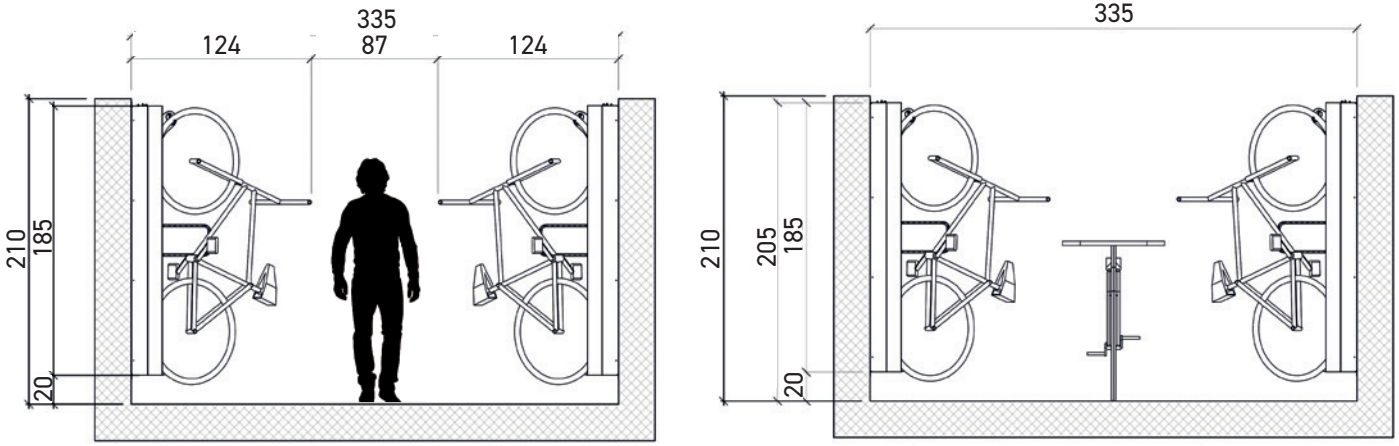
AN OVERALL SYSTEM WHICH CONVINCES COMPLETELY

The existing bicycle parking products require either an adjustment of the headroom (> 210 cm) or a larger footprint to achieve the planned bicycle parking capacity. – This is the major cost driver in construction. The BIKE-PARKING-LIFT requires the least space per m3, and with optimal space planning, one achieves an overall system that provides maximum parking capacity with minimum space requirements.

› BIKE-PARKING-LIFT offers the greatest parking capacity per m³*

› Up to +40% more parking spaces when retrofitting bike storage facilities*

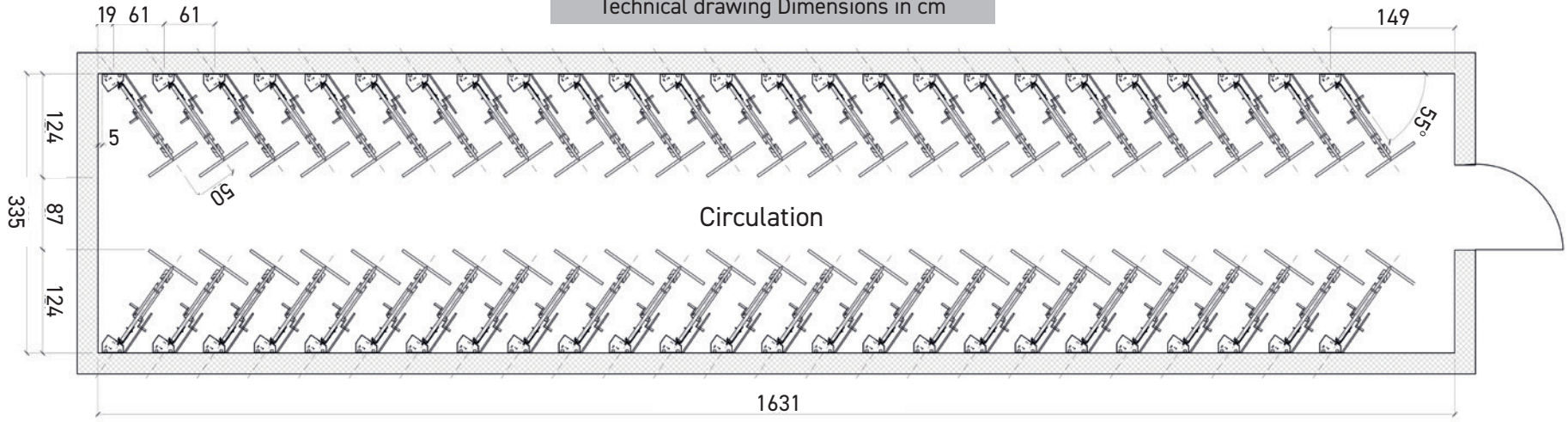
*in comparison, survey year 2022, Koch & Partner, Bike Parking Solutions AG



Technical drawing Dimensions in cm

Figures above
Representations of the front view.

Figure on the right
Top view of optimal space planning with the BIKE-PARKING-LIFT for 50 parking spaces.



BICYCLE STORAGE SPACE OPTIMIZATION ACCORDING TO ADFC E.V.* SPECIFICATIONS WITH WHEELBASE OF 50 CM FROM BIKE TO BIKE:

› MAXIMUM USE OF SPACE
› MIN. COSTS & SPACE REQUIREMENTS

Example with 50 parking spaces

› Required area .....54.638 m²
› Area per bicycle .....1.093 m²
› Total space volume ..... 114.740 m³
› Space volume/bicycle .....2.295 m³

› Space length.....16.31 m
› Space width .....3.35 m
› Space height .....2.10 m

› Distance bike-bike .....0.50 m
› Distance bikelift-bikelift.....0.61 m

** Spatial planning recommendation:: Allgemeiner Deutscher Fahrrad-Club e. V.*

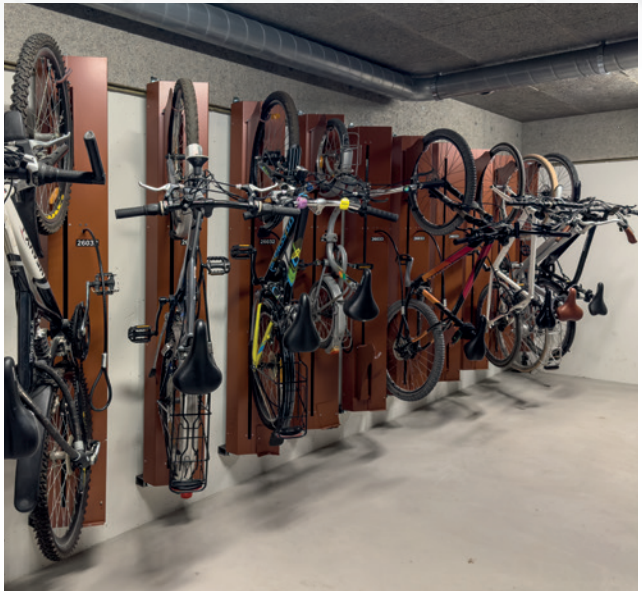


Figure on the left
Bike storage in Zurich/Switzerland, with the first generation (2021) of the Bikelift.

More project examples at:
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A DIFFERENT APPROACH TO BICYCLE PARKING

With the BIKE-PARKING-LIFT and optimal space planning, space costs are minimized and parking capacity maximized. – Furthermore, it is ensured that parking space regulations are constantly enforced and safety regulations are observed. **No more bikes standing in the way.**

COMPARISON BIKE-PARKING-LIFT WITH 50 PARKING SPACES.

	Room area m^2	m^2 area per bicycle	Difference to Bike-Parking-Lift® m^2	Space volume m^3	Volume m^3 per bike	Difference to Bike-Parking-Lift m^3	Distance of the bicycle axle measured in mm	Room size in meters		
								Length	Width	Height
Bike-Parking-Lift	54.638	1.093	---	114.740	2.296	---	500	16.31	3.35	2.10
Double-deck parker	61.16	1.223	0.130	171.248	3.425	1.129	500	13.90	4.40	2.80
Bike-Parking-Lift	49.848	0.997	---	104.681	2.094	---	450	14.88	3.35	2.10
Double-deck parker	55.44	1.109	0.112	155.232	3.105	0.971	450	12.60	4.40	2.80

Remarks:
The ADFC (Allgemeiner Deutscher Fahrrad-Club e. V.) recommends a wheelbase of 50 cm.

› Great savings on construction costs – make the comparison:

Example for 50-bicycle parking capacity and construction costs per m^3 EUR 350.–.

Bike-Parking-Lift
- Required available space 114,740 m^3
- Total space costs EUR 40‘150.–.

Double-deck parker
- Required available space 171,248 m^3
- Total space costs EUR 59‘900.–.

› Savings at least EUR 19‘700.–

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16 BICYCLE PLACES IN THE MOBILE BIKE BOX

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FULLY AUTOMATIC BICYCLE PARKING GARAGE

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BIKELIFT WITH NO-GRAVITY FOR ANY BIKE

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CONSULTING & EXPERT ASSESSMENTS FOR BICYCLE PARKING

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bps|value|service

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