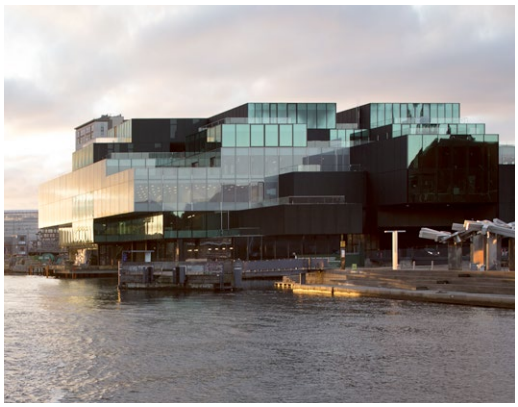
REFERENCE

CAR PARK SOLUTIONS

Fast and reliable technology for public access parking

Customer:	Realdania By & Byg
Project location:	Copenhagen
Completion date:	2018
Capacity:	316 cars

In 2018, Lödige Industries delivered an automated parking system for the BLOX building in Copenhagen. The building was designed by Ellen van Loom of the Dutch Office for Metropolitan Architecture (OMA) and houses the Danish Architecture Centre. The system is providing parking spaces for public use and serves the museum, offices as well as restaurants and tourists.



Due to the need for a high number of parking spaces, combined with the complex architecture of the new building and limited building footprint, conventional parking would not have been able to provide the required amount of parking spaces. The parking density of automated parking systems is higher compared to traditional car parks requiring substantially less space, since the absence of ramps, drivers and passengers in the facility means cars can be stored much closer to each other. In BLOX, 30% more parking spaces were realised due to automated parking in comparison to a conventional car park. The vehicle measurement system introduced by Lödige Industries for this building created additional parking spaces. The measurement system categorises cars by three different sizes and allowed the additional creation of a further 30% more parking spaces at BLOX, a significant advantage, given the building's central urban position.

In order to ensure constant availability of the system, Lödige's 24/7 service also guarantees immediate assistance and rectification.

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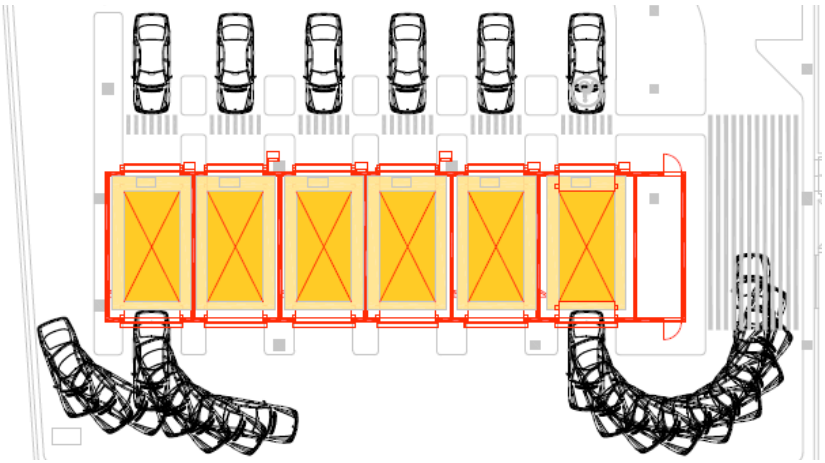
LÖDIGE INDUSTRIES

REFERENCE

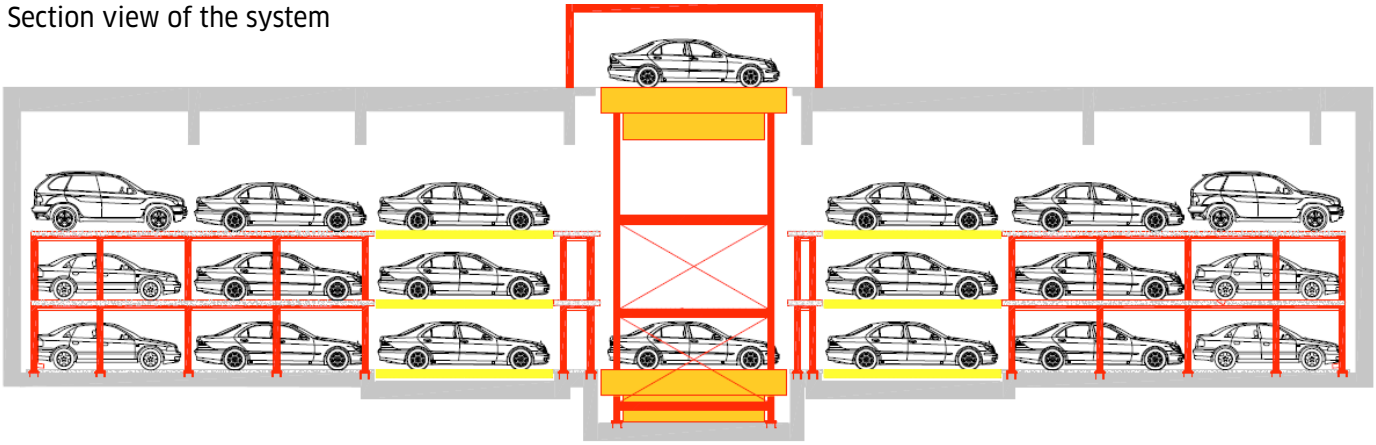
CAR PARK SOLUTIONS

Automated Car Park System in Copenhagen

Top view of the transfer area



Section view of the system



TECHNICAL DATA	
Type of the system	palletless
Dimensions of the car park system (L x W x D)	62 x 40 x 8 m
Number of levels	3 (underground)
Gross area / volume per parking space	26.1 m^2 / 67.7 m^3
Number of aisles	2
Number of transfer cabins (Hoists)	6
Number of transfer vehicles (TV)	12
Time to park a car	40 - 60 s per car
Retrieval time	below 200 s per car

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