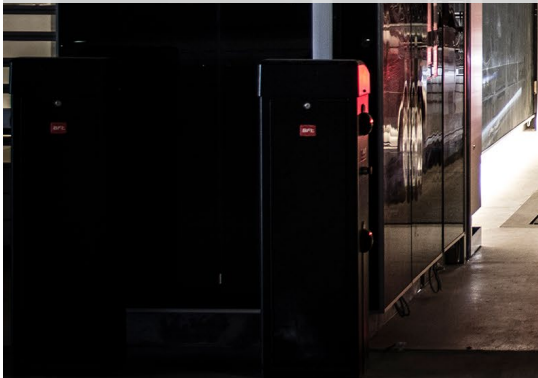




CAR PARK SOLUTIONS

The automated Car Park System with 1,000 parking spaces

Customer: Realdania By & Byg
 Project location: Aarhus, Denmark
 Completion date: 2015
 Capacity: 1,000 cars



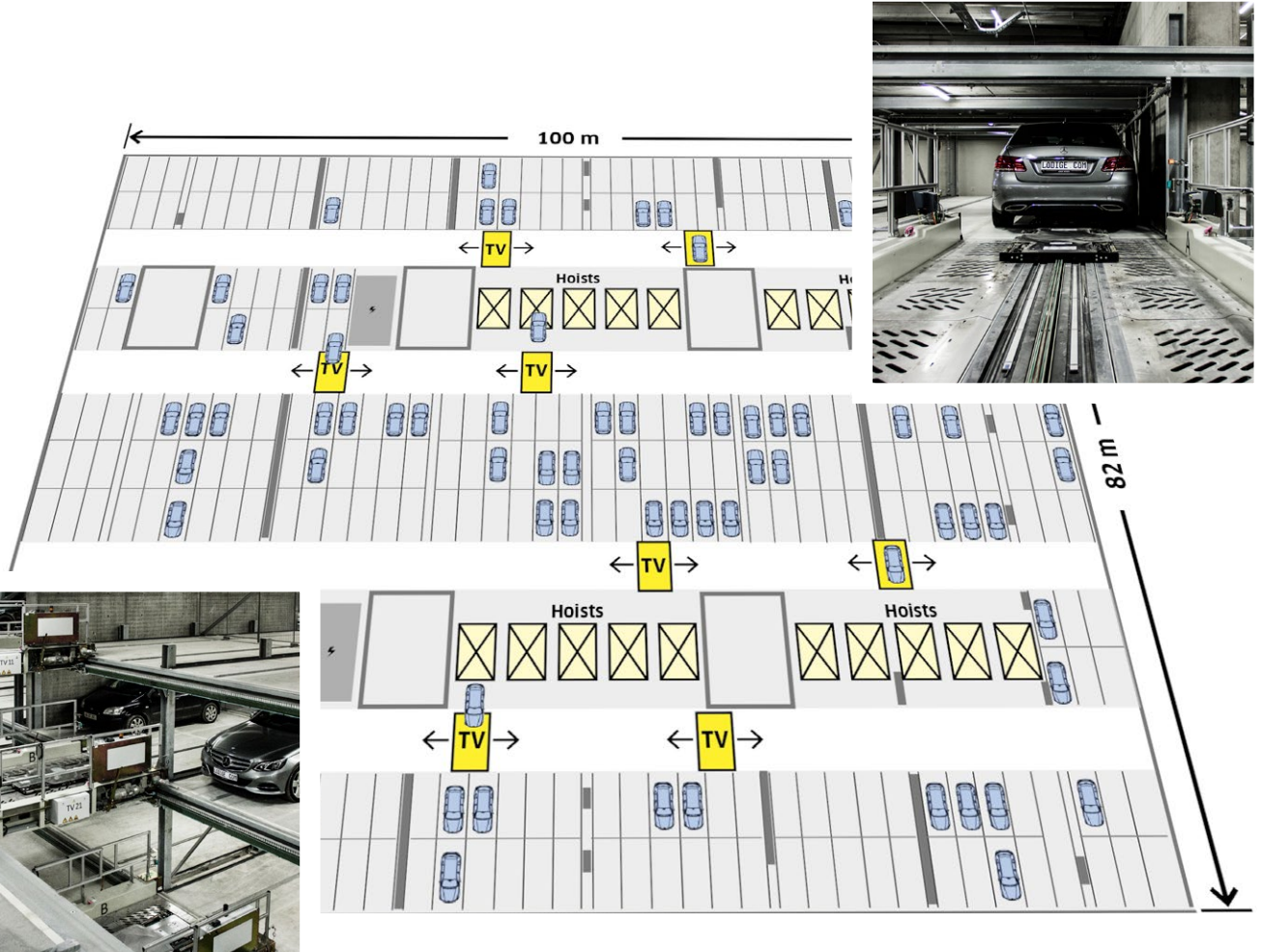
Lödige Industries has delivered the automated car park system with 1,000 parking spaces for the new library and community center DOKK1 in Aarhus (Denmark). Lödige's turn-key scope of works included system design, manufacturing and supply of mechanical and electrical equipment, steel and concrete works, transfer cabins as well as payment, IT and supervisory control systems.

DOKK1 is the central project for the transformation of Aarhus inner harbour from industrial to urban space. The new waterfront spaces were intended to become an important link between the city centre and the bay. The architectural design was prepared by Schmidt Hammer Lassen.





Automated Car Park System in Aarhus



TECHNICAL DATA

Type of the system	palletless
Dimensions of the car park system (L x W x D)	100 x 82 x 6 m
Number of levels	3 (underground)
Gross area / volume per parking space	25.5 m ² / 45.6 m ³
Number of aisles	4
Number of transfer cabins (Hoists)	20
Number of transfer vehicles (TV)	24
Shortest possible time for parking	<10 s
Retrieval time	60-200 s