



The LEITNER Loop-Line Garaging System

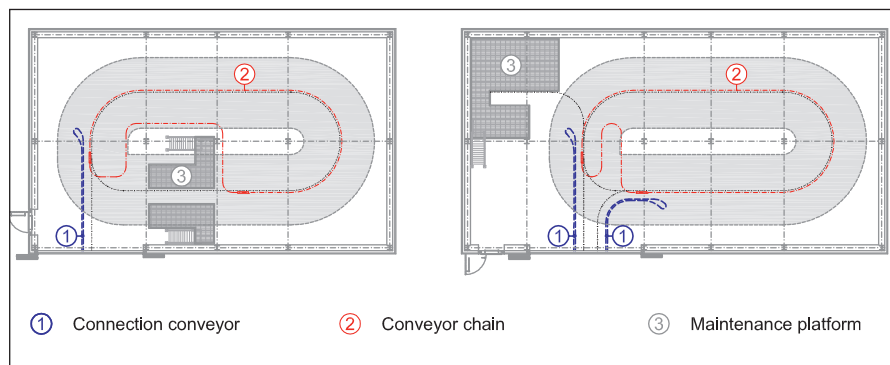
The classic for the highest demands

Basis The classic among the LEITNER garaging systems: whether the vehicles are moved manually or fully automatically, this system is definitely the premium solution for parking and servicing vehicles.

Description A connecting conveyor carries the vehicles from the station turnaround to the parking building. During this process, the connecting conveyor detects irregular distances between the vehicles and corrects them fully automatically by adjusting its speed. Consequently, the vehicles arrive at the parking building at equal distances. Moreover, the connecting conveyor also ensures equal vehicle distances during launching.

In the parking building, the vehicles are transferred fully automatically from the connecting conveyor onto a patented conveyor chain. This chain automatically increases the vehicle distance in the curves of the loop line. Thus, the vehicles are moved smoothly through the curves and can be parked on the straight section of the line with minimal distances.

The semi-automatic version of the system also has a fully automatic connecting conveyor that carries the vehicles from the station to the parking building and vice versa. In the parking building, however, the vehicles have to be moved manually.



Benefits If the rail switch system is set accordingly, **each vehicle** can be brought **individually to the maintenance platform**. During maintenance, all vehicles can remain in the parking building. **Inspections and maintenance** can therefore be performed **without** having to **consider** the **weather conditions**.

The loop-line garaging system can also be installed with **two exits**, i.e. two independent connecting conveyors. Garaging and launching are then carried out in the forward direction of the installation, guaranteeing **maximum ease of operation** and **quick parking** of the vehicles.

In **combination** with an **inclined conveyor**, vehicles can also be **parked below** (or above) the **boarding level**.

Technical data

Max. speed during garaging	Up to 5 m/s, depending on number and type of vehicles
Average space required per vehicle	GD10: approx. 11.80 m ² GD8: approx. 10.85 m ² CD8: 11.24 m ² (with bubble) 10.90 m ² (without bubble) CD6: 10.40 m ² (with bubble) 10.15 m ² (without bubble) CD4: 6.95 m ² (with bubble) 6.56 m ² (without bubble)
Operating modes	Fully automatic Semi-automatic
Maintenance platform	In the parking building