



ConnX[®]
we connect people

LEITNER[®]

ConnX[®]



TRANSPORT IN THE AIR
Overcoming obstacles with a ropeway

INTERMODAL MOBILITY CIRCUIT
Flexible connection to other means of transport

STOPS ON THE GROUND
Just like a bus or tram

TRANSPORT ON THE GROUND
Reduced visual interference in the cityscape

ConnX is a patented proprietary development by LEITNER. The unique hybrid solution combines ropeways with autonomous driverless transport and thereby promotes the use of e-mobility in public transport. The cabin will be transferred to an autonomous vehicle in the ropeway station, which continues traveling on its own track. This allows for:

- + topographical or structural obstacles to be easily overcome with a ropeway
- + infrastructural barriers – such as buildings or monuments on the ground – to be simply bypassed
- + attractive solutions to be offered, where a ropeway reaches its limits
- + overcoming ascending gradients on the ground of up to 10%
- + reliably maintaining mobility circuits intermodally and avoiding traffic jams
- + implementing stop points on the ground, just like a bus or tram
- + reducing visual interference in the cityscape
- + establishing connections between a ropeway-guided and a ground system without the passengers needing to change
- + quickly and cost-effectively implementing mobility solutions

Hybrid solution for “Last Mile” mobility

The mechanism and electronic control unit for coupling and decoupling the cabins are system components adapted to LEITNER ropeways and are not comparable to other technical solutions. The system has no theoretical limitation to the route. However, **ConnX** is conceived as a solution to the “last mile” problem in urban areas.

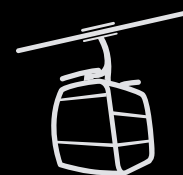
The lane width is comparable to a single-lane road and the vehicle is operated/charged via batteries or busbars along the route. It also depends on how long the system is actually in operation and how long the route that needs to be covered is.

With the ropeway, the motors (resource-conserving LEITNER DirectDrive) are integrated into the respective ropeway stations and those for the autonomous vehicles into each vehicle.

Electricity consumption cannot be universally specified. As with other vehicles, it depends on many parameters. On the one hand, these include the route length and the pitch of the track, as well as the required carrying capacity of the ropeway, and the weight and speed with which it travels on the road.



up to **12 m/s** (43 km/h)
on the ground

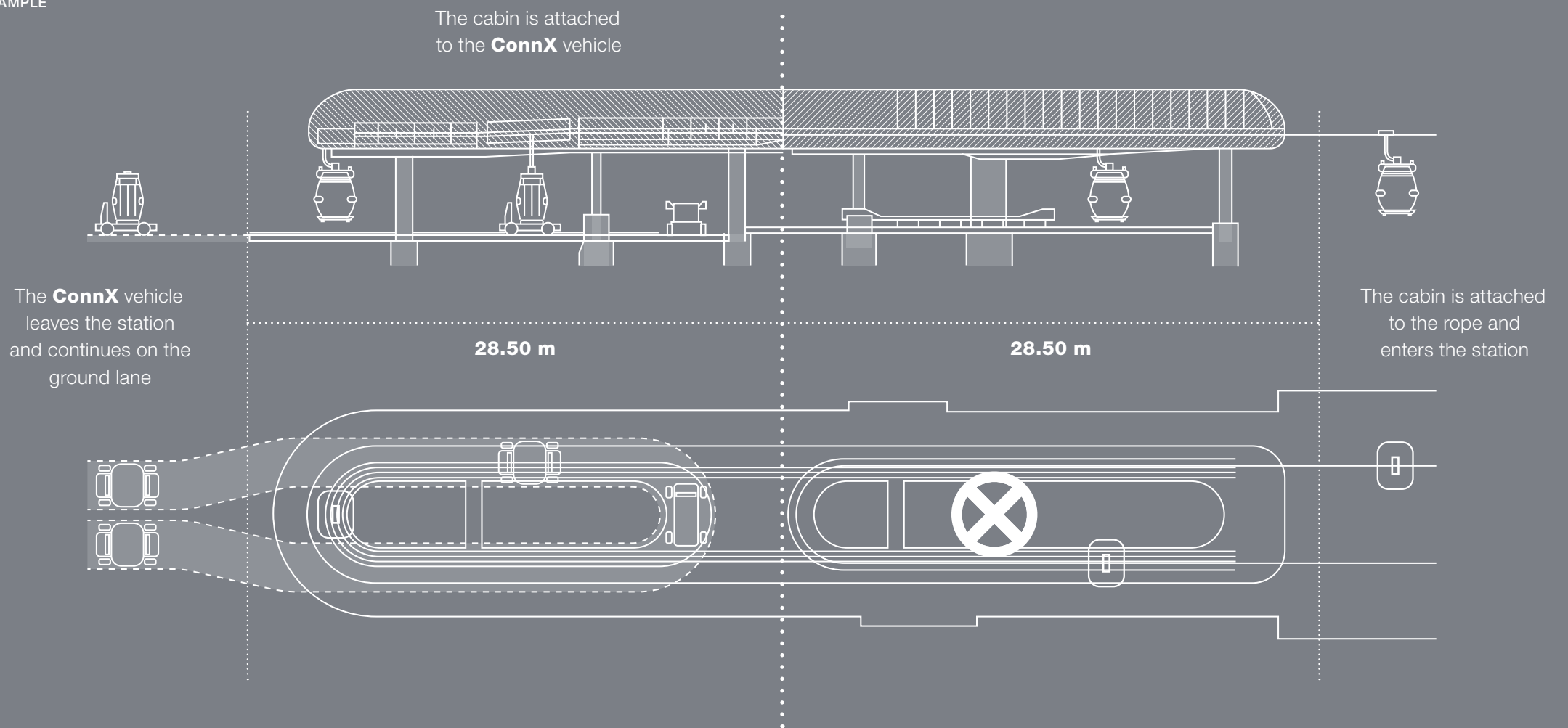


up to **7 m/s** (25 km/h)
in the air



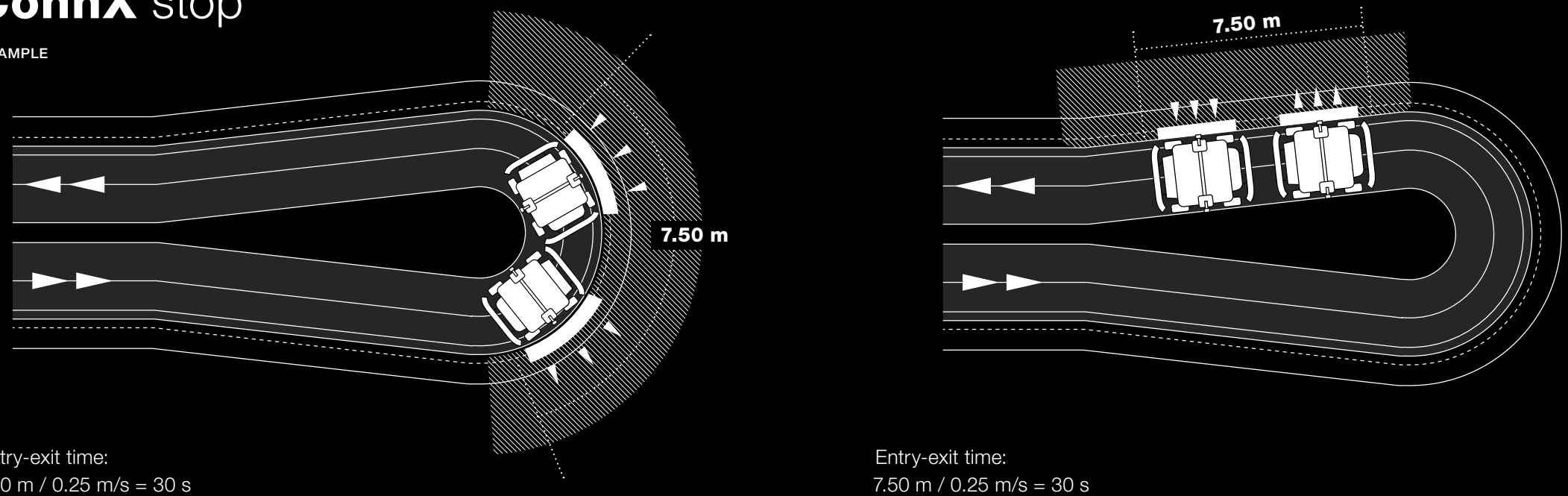
Dimensions of a ConnX station

EXAMPLE



Dimensions of a ConnX stop

EXAMPLE



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