



RAMPS AND LIFTS FOR BUSES AND RAILWAY VEHICLES

Ideas taking shape – worldwide.





RAMPS & LIFTS

Get on board comfortably and travel without stress. Entrance systems made by HÜBNER TRANSPORTATION GmbH open up new dimensions of freedom for persons with limited mobility. Our ramp and lift systems set the highest standards for safety and for quality. We have a customized solution for nearly every type of vehicle. Ideally coordinated in form and function, and perfectly adapted to your vehicle design.

Full accessibility for every requirement

Discover the diversity of our entrance systems: Lift systems that can rise to a height of 2000 mm as well as a full spectrum of electric and manual ramps.

Electric ramps from HÜBNER include models integrated in the floor of the vehicle or models installed under the vehicle for extra easy service. Manual ramps are available in a wide range of sizes. With their low weight and excellent resilience against knocks and scratches, they satisfy even the most demanding customers and are simple and easy to incorporate in any vehicle concept.



▲ Intercity bus with the EXEO II lift system



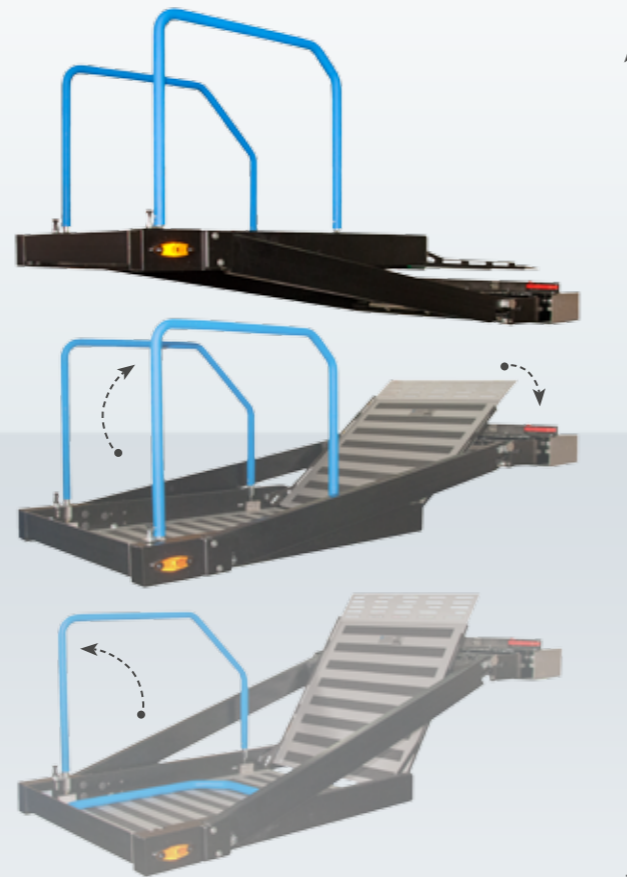
▲ City bus with the manual ramp HK evolution

Customized solutions

You can benefit from our expertise in project management as well as our long and extensive experience in designing and implementing entrance systems. For nearly every type of vehicle, we can provide individual solutions that perfectly meet your needs.



Lift system EXEO II



Modular lift system EXEO III



electric ramp SKADI®



electric ramp IL standard

Fully automatic: EXEO II lift system

The elegant lift system EXEO II with ergonomically designed hand rails works completely automatically and can be operated via remote control. Quick and easy installation is provided through the integration of all the drive units in the lift.

Special features of EXEO II:

- Bridge plate and hand rails part of integrated kinematic system
- Easy service and maintenance
- Individual lifting heights up to 1110 mm
- Simple installation in the vehicle

Weight: approx. 250 kg

Load capacity: min. 350 kg

Platform size: L 1230 × W 830 mm

Complies with safety requirements for lift systems according to DIN EN 1756-2

Modular flexibility: EXEO III lift system

HÜBNER TRANSPORTATION GmbH is proud to present a new lift system. With its modular construction, the EXEO III can reach heights up to 2000 mm. This is made possible through the variable length of the hoisting arms. Until now the HÜBNER lift could only be installed in intercity buses; the new system now allows for installation in bus coaches as well.

Special features of EXEO III:

- Modular construction supports use in intercity buses
- Quick system error analysis via blink codes and optional CAN diagnosis
- Individual lifting height up to 2000 mm
- Available in semi-automatic models
- Depending on vehicle type, installation beneath wheel housing, vehicle entry steps or in luggage compartment with third door

*Weight: < 250 kg (Intercity) & 275 kg (Coach)

*Load capacity: 350 kg (Intercity) & 300 kg (Coach)

Platform size: L 1230 × W 830 mm

Designed according to EC 2001/85, DIN EN 1756-2, 49 CFR ADA, 49 CFR 571.403 (FMVSS 403), ECE R107

Operating temperature: -25 °C to +80 °C

*Can vary according to model type

Clever: electric ramp SKADI®

The electric ramp SKADI® makes it easy for transport companies to retrofit their vehicles and to service them as needed. Designed as a plug and play unit, SKADI® can be quickly and easily installed in many types of vehicles. And what makes our SKADI® unique is the particularly simple assembly and the access to the main components.

The entire system comes completely preassembled in its own cassette. This can either be installed inside the vehicle or attached outside the vehicle as a substructure. After installation, the ramp system only needs to be connected by a plug to the electric power system of the vehicle. When required, the tread plate and the drive can be removed or exchanged completely without any tools. All this can be done in a matter of minutes so that there is almost no downtime.

*Weight: 53 kg

Weight-bearing capacity: 350 kg

Slip-resistant surface coating

Extension and retraction time: 8 seconds

Designed according to EC 2001/85, DIN 32985, ECE R107 and DDA

Assembly size as substructure:
L 1468 mm × W 1055 mm × H 65 mm

Operating temperature: -25 °C to +80 °C

*Can vary according to model type

Tried and tested: electric ramp IL standard

The IL standard is integrated into the vehicle floor, allowing the vehicle to retain its original road clearance. The IL standard is electric-powered and can be extended or retracted in just 9 seconds.

Weight: 55 kg

Weight-bearing capacity: 350 kg

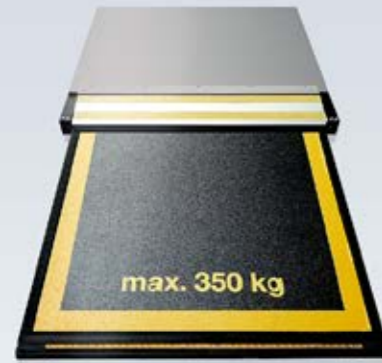
Assembly size: L 1075 mm × W 861 mm × H 96 mm

Ramp covering plate in vehicle floor: Can be walked on

Slip-resistant surface coating

Extension and retraction time: 9 seconds

Joint edge & step detection sensors in accordance with EC 2001/85 and ECE R107



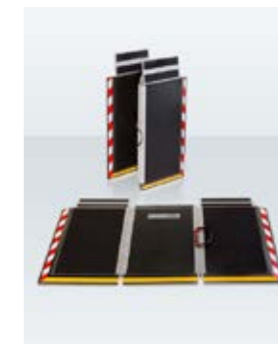
electric ramp IL 2502



manual ramp HK modular



manual ramp HK light



**Mobile:
A folding ramp for
easy retrofitting**

Perfect for the retrofitting of vehicles, the folding ramp is the ideal solution. Folded up, it can be compactly stowed in a wall mounting and is ready for use at any time.

**Streamlined design, easy to install:
electric ramp IL 2502**

The power-assisted IL 2502 is integrated in the vehicle floor. With its compact length it is also suitable for use in tight installation spaces.

The ramp can be extended or retracted in just 8 seconds and is also suitable for use in high-temperature areas. The ramp's plug and play system makes for easy installation and simple maintenance.

Weight: 40 kg
Weight-bearing capacity: 350 kg
Installation dimensions: L 875,5 mm x W 900 mm x H 73 mm
Ramp cover in vehicle floor: Can be walked on
Non-slip ramp surface
Extension/retraction time of 8 seconds
Electronic safety sensors in compliance with EC 2001/85, ECE R107 and DDA
LED blinker as additional safety feature
Operating temperature: -40 °C to +80 °C

**One of a kind:
manual ramp HK modular**

The HK modular is available in various sizes as a manual hand-operated ramp. The ramp can be integrated particularly simply and quickly into any vehicle concept. It is made from aluminium and stainless steel. The high-quality materials give the ramp a pleasing overall look while at the same time guaranteeing a product that is especially impact- and scratch-resistant.

Weight of complete module: 28.5 kg
Weight-bearing capacity: 350 kg
Tread plate size: L in accordance with ECE R107 and DDA W ≥ 800 mm
Ramp for installation (integrated element of the vehicle floor, flush with general floor surface)
Ramp and floor pan as a complete module
Slip-resistant surface coating
Designed in accordance with EC 2001/85, ECE R107 and DDA

Lightweight: manual ramp HK light

The HK light is made from plastic and is thus extremely light as well as being electrically insulating. Weighing only 12.5 kg and with its attractive design, this lightweight can be installed in virtually any vehicle.

Weight of complete module: 12.5 kg
*Weight-bearing capacity: 350 kg
Tread plate size: L 905/1105 mm x W 930 mm
Floor pan completely out of plastic
Electrically insulating
Designed in accordance with EC 2001/85 and ECE R107

* With variations depending on model type.

