

HOVERBOARD® RiBase

Stretcher support
with **electromotive loading aid**
for **Ferno Mondial®**

air suspension
height adjustment
cross motion device



The new dimension
of protecting patients and paramedics

Work simplification and ergonomics for physicians and paramedics

The new Hoverboard Ribase is a real contribution to easy loading:
Drive in, dock, push the button, let it retract.

With the height adjustment, the patient can be moved to the perfect position for the respective treatment.

Working in an upright posture means a significant relief for the spine.

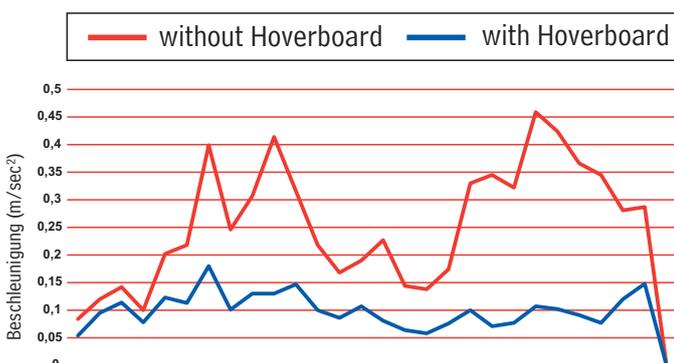


Recovery for the patient

Depending on road conditions, Hoverboard can absorb up to 80% of the impacts, but at least 50%.

The automatic air suspension protects the patient without causing motion sickness by swaying.

Besides, there is neither any tilt in curves nor nodding of the patient's head when braking.



Safety

At the DEKRA automotive test center in Klettwitz/Germany the Ribase has been successfully crash-tested.

All new versions with and without cross motion device are according to the latest standards:

EN 1789:2014

EN 1865-5:2012





HOVERBOARD® RiBase

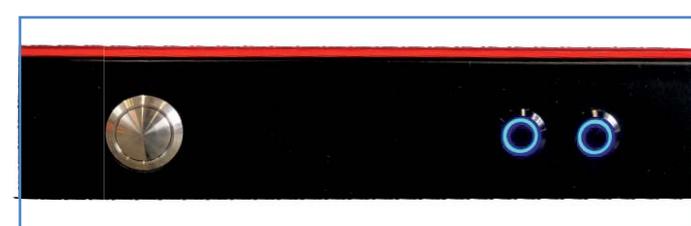
is a customized air-suspended stretcher support with electromotive loading aid for the Ferno Mondial



Air suspension

The moment the stretcher is fully retracted, the Hoverboard adjusts automatically to the patient's weight and lifts gently to the level for optimal riding comfort.

When unlocking the stretcher, the Hoverboard lowers automatically for easy loading and unloading.



Rigid position (e.g. for reanimation)

Pressing the blue main switch quickly lowers the Hoverboard to lowest, rigid position.

Pressing the red switch quickly lifts the Hoverboard to highest, rigid position.



Pneumatic lateral movement device

Pressing one of the pushbuttons (front or backside) unlocks the cross motion device. As long as you press, you can move the Hoverboard sideways in 8 positions, each 32 mm.

Releasing the button locks the Hoverboard in the nearest position.



Silence

For an almost noiseless operation the compressor is assembled in a hermetic box below the vehicle floor.



Assembly

The Hoverboard Ribase is perfectly prepared for the Ferno Mondial M 2 RK with Smart-Load system.
No need of any additional fasteners or other components.

Technical data

Electromotive loading aid, 12 Volt, power consumption depending on patient weight
Safety stop for latching mechanism of the stretcher's legs during loading and unloading
Control via remote control or mobile app (option)

Airsuspension combined with hydraulic shock absorbers, suspension stroke 170 mm/6,7".
Automatic weight adjustment and optimal hovering from patient's weight 0 - 270 kg/0 - 590 lbs.
Automatic lowering when unlocking the stretcher

Perfect combination of solid premium stainless steel and lightweight aluminium
Easy maintenance and cleaning
Compressor 12 Volts DC, 25 Ampere integrated or in an external hermetic box

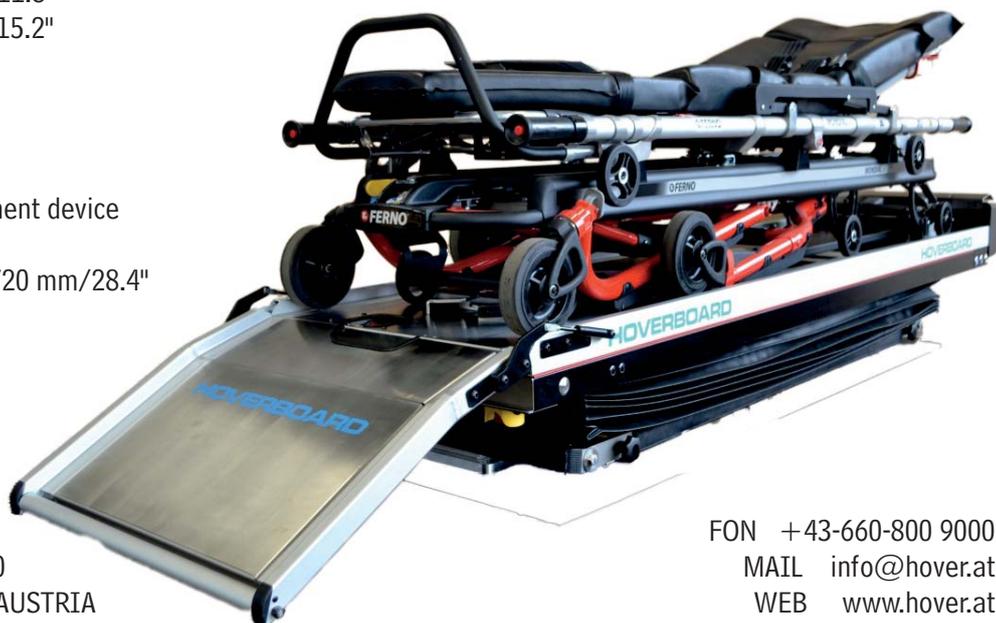
Pneumatic, smooth-running lateral movement device (option)
Switch for reanimation in highest position (option)
Main- and reanimation switch in ceiling panel (option)

Tested by DEKRA (Germany), certified according to EN 1789:2014, EN 1865-5:2012

Height lowered: 215 mm - 8.5"
Height when active: 300 mm - 11.8"
Height for reanimation: 385 mm - 15.2"

Length: 2220 mm - 87.4"
Width: 635 mm - 25.0"
Weight: 123/145 kg - 272/320 lbs
without/with lateral movement device

Maximum loading sill of the vehicle: 720 mm/28.4"



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Subject to modifications