

## Technical data

Airsuspension combined with hydraulic shock absorbers, suspension stroke 170 mm/6,7".  
Automatic weight adjustment and optimal hovering from patient's weight 50 - 320 kg/100 - 700 lbs.  
Automatic lowering by opening the loading ramp.

Solid premium stainless steel with scratch-resistant surface.  
Completely maintenance-free, easy to clean and disinfect.  
Integrated compressor 12 Volts DC, 16 Ampere

Pneumatic, smooth-running lateral movement device (option)  
Switch for reanimation in highest position (option)  
Noiseless operation by external hermetic box for compressor (option)

Tested by DEKRA (Germany), certified according to EN 1789:2020, EN 1865-5:2015 and ECE R17 (test 20g)

Suitable for all common roll-in stretchers such as Stryker M1, Ferno Mondial, Stollenwerk, Kartsana TG880 Jupiter, Mediol Extero and many more, with the original fastener.  
ATTENTION: Some stretchers only without fall protection!

Height lowered: 140/160 mm - 5.5/6.3" without/with lateral movement device  
Height when active: 240/280 mm - 9.5/11" without/with lateral movement device  
Height for reanimation: 310/330 mm - 12.2/13" without/with lateral movement device

Standard length: 2130 mm - 84" + any length customized  
Standard width: 560 mm - 22" + any length customized

weight: 80/103 kg - 176/227 lbs without/with lateral movement device

## Stretcher support for ambulance cots

## air suspension height adjustment cross motion device



HOVERBOARD  
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Subject to modifications



## The new dimension of protecting patients and paramedics



is an air-suspended stretcher support for stretchers acc. to EN 1865 and ambulance cots like Stryker M1, Ferno Mondial, Stollenwerk, Kartsana TG880 Jupiter, Medirol Extero with a total payload of 400 kg/880 lbs

Not only heavyweight patients, but also newborn babies in incubators experience an easy and painless ride, without paramedics becoming patients themselves.

## Ergonomics for physician and paramedics

For easy reanimation in an upright posture the Airbase can be lifted into highest position simply by switching a button.

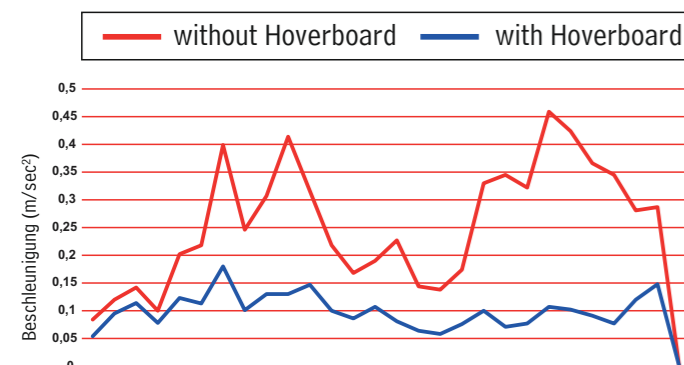
This means a significant relief for the spine.

## 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 Hoverboard Airbase has been successfully crash-tested.

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

**EN 1789:2020**  
**EN 1865-5:2012**  
**ECE R17 (test 20g)**



## Operation

As soon as the loading ramp is closed, the Hoverboard adjusts automatically to the patient's weight and lifts gently to the level for optimal riding comfort.



## 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.

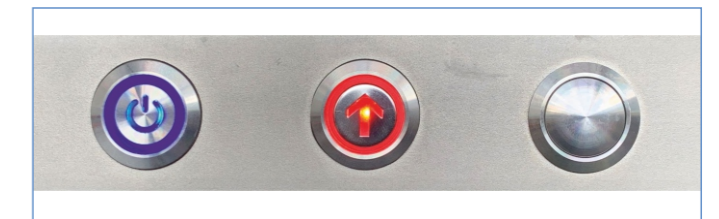
## Silence

For utterly noiseless operation the Hoverboard provides an optional hermetic box with an external compressor.

## Loading and unloading

When opening the loading ramp, the Hoverboard lowers automatically for easy loading and unloading.

Hence the patient only has to be slid, but never be raised manually.



## Reanimation

During regular air suspended drive, the toggle switch is set on I.

For lifting the Hoverboard to highest position (e.g. for reanimation) switch it to II.

