

HOVERBOARD® Eco Base

**Stretcher support
for ambulance cots**

**air suspension
cross motion device**



The new dimension of protecting patients

Eco Base

is an air-suspended stretcher support with a payload of 400 kg/880 lbs for stretchers acc. to EN 1865 and ambulance cots



Not only patients, but also newborn babies in incubators experience an easy and painless ride

Operation

Starting Ignition causes lifting the Hoverboard gently within 20 - 40 seconds (depending on the patient's weight) to the optimal suspension level and adjusting automatically to patient's weight.

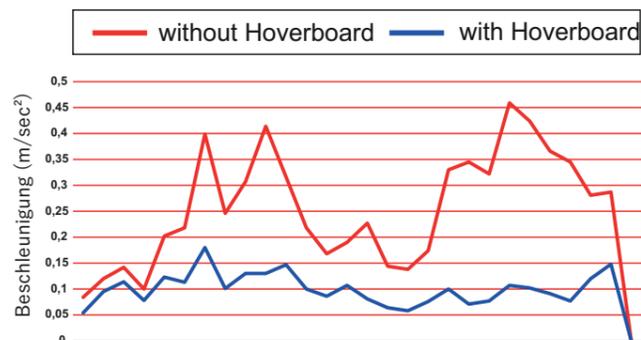
The Hoverboard works totally automatic: When the air pressure decreases, the compressor starts automatically for just 1 second to keep constant operating pressure.

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 all Hoverboards have 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
ECE R17 (test 20g)



Loading and unloading

By turning off the ignition, the Hoverboard is automatically lowered to allow easy and energy-efficient loading and unloading.

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



Silence (option)

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



Pneumatic lateral movement device (option)

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.



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Technical data

Hoverboard for assembly of various stretchers according to EN 1865 combined with their approved fixation.

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.

Solid premium stainless steel with scratch-resistant surface.
Completely maintenance-free, easy to clean and disinfect.
Integrated compressor 12 Volts DC, 25 Ampere

Pneumatic, smooth-running lateral movement device (option)
Noiseless operation by external hermetic box for compressor (option)

Tested by DEKRA (Germany), certified according to
EN 1789:2014, EN 1865-5:2012 and ECE R17 (test 20g)

Height lowered: 140/180 mm - 5,5/ 7,1" without/with lateral movement device
Height when active: 240/280 mm - 9,5/11,0" 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



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Subject to modifications

