

**Stretcher support
for ambulance cots**

**air suspension
height adjustment
cross motion device**



**The new dimension
of protecting patients and paramedics**

AirBase

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 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.

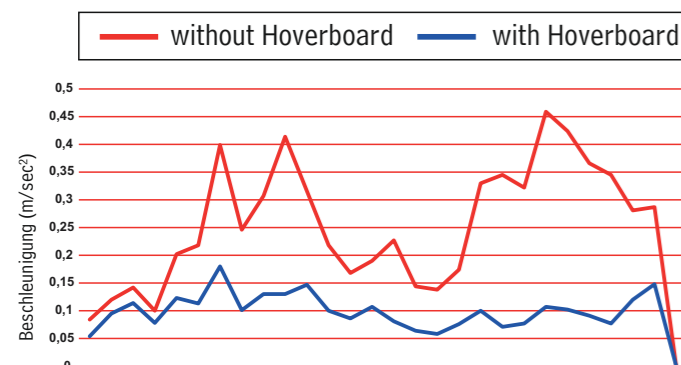
This means a significant relief for the spine.

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.

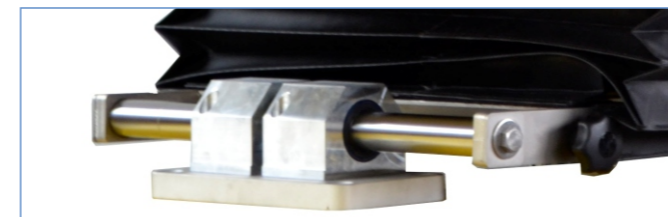
All new versions with and without cross motion device are according to the latest standards:

EN 1789:2014
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.



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, 25 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 1789:2014, 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
Height for reanimation: 320/360 mm - 12,6/14,2" 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



HOVERBOARD
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Subject to modifications

