

# HOVERBOARD® PowerBase

## Stretcher support for Stryker PowerLoad™

air suspension  
height adjustment  
cross motion device



The new dimension  
of protecting patients and paramedics



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 Powerbase can be lifted into highest position simply by switching a button.

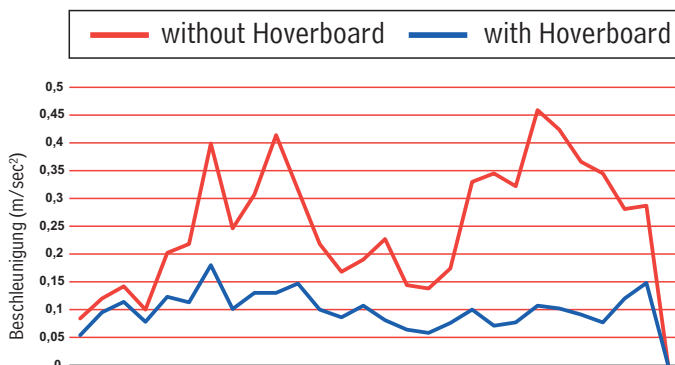
This means a significant relief for the spine.

### 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 Powerbase 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)**

It also was successfully tested for compatibility and compliance according to the strict regulations of the Stryker Corporation.



# HOVERBOARD® PowerBase



is a customized air-suspended stretcher support  
for the Stryker PowerLoad  
with a payload of 500 kg/1100 lbs



## Operation

Just slide in the stretcher.  
The moment it locks automatically,  
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.

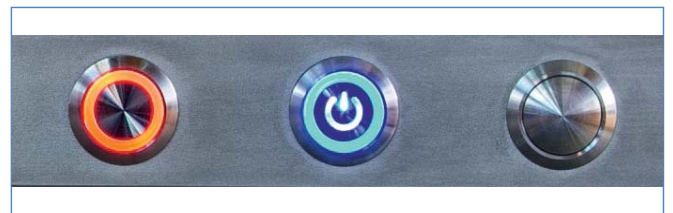
## Silence

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

## Loading and unloading

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

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



## Rigid position (e.g. for reanimation)

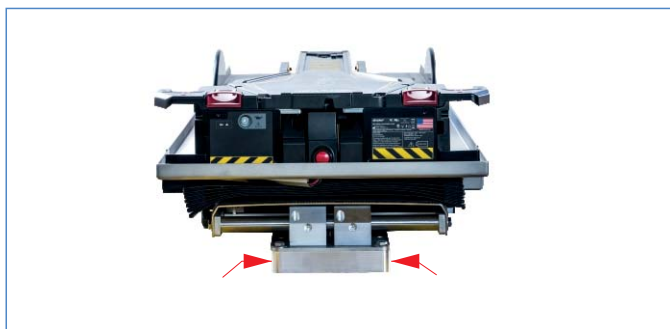
Pressing the blue main switch quickly lowers the  
Hoverboard to lowest, rigid position.

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



## Loading height

For vehicles with a high loading sill, we recommend the optional spacer plate for easier loading.



## Technical data

Airsuspension combined with hydraulic shock absorbers, suspension stroke 170 mm/6,7".  
Automatic weight adjustment and optimal hovering from patient´s weight 0 - 320 kg/0 - 700 lbs.  
Automatic lowering when unlocking the stretcher.

Solid premium stainless steel with scratch-resistant surface.  
Completely maintenance-free, easy to clean and disinfect.  
Compressor 12 Volts DC, 25 Ampere in a hermetic external box

Pneumatic, smooth-running lateral movement device (option)  
Switch for reanimation in highest position (option)  
Main- and reanimation switch in ceiling panel (option)  
Spacer plate or spacer wedges for vehicles with high loading sill (option)  
Plate extension for short version (option)

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

Height lowered: 135 mm - 5.3"  
Height when active: 230 mm - 9.0"  
Height for reanimation: 310 mm - 12.2"

Standard length: 2273 mm - 89.5"  
Short version: 2153 mm - 84.8"  
Standard width: 606 mm - 23.9"

Weight: 98/124 kg - 216/273 lbs without/with lateral movement device



HOVERBOARD  
Gewerbepark 10  
A - 6068 Mils AUSTRIA

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## Plate extension

The short version of the Powerbase platform offers additional 120 mm/4.7" of space in front of the Hoverboard, in the region of the patient's head.

In case of a malfunction of the Powerload/PowerPro, the extension plate is temporarily fitted for fail-safe operation.



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Subject to modifications

