

Loading height

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

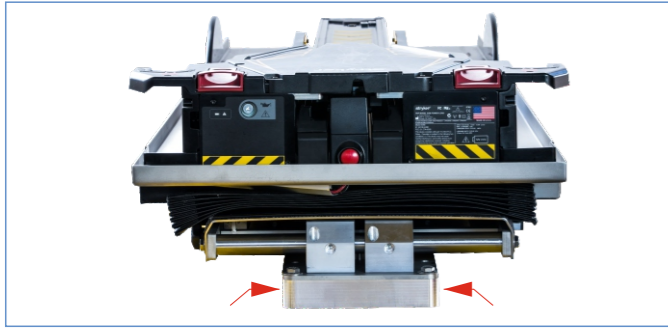
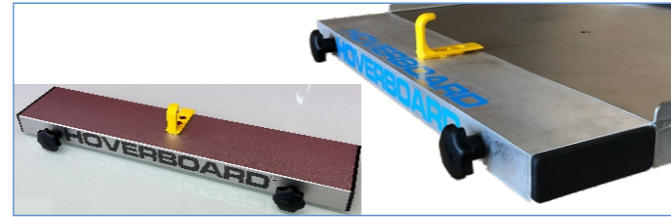


Plate extension

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.



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.
- + Compressor 12 Volts DC, 16 Ampere in a hermetic external box
- + Completely maintenance-free, easy to clean and disinfect.
- + **There is no annual check required, therefore no follow-up costs**

Options:

- + Pneumatic, smooth-running lateral movement device
- + Switch for reanimation in highest position
- + Any number of external switch groups (ceiling center, side panel, rear door, etc.)
- + Various spacer plates for vehicles with high loading sill

Tested by DEKRA (Germany), certified according to EN 1789:2020, EN 1865-5:2015, ECE R17 (test 20g) and UN-R10 (EMC-test)
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



Stretcher support for Stryker PowerLoad™

air suspension
height adjustment
cross motion device



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Subject to modifications



The new dimension
of protecting patients and paramedics

HOVERBOARD® PowerBase

is a customized air-suspended stretcher support for the Stryker PowerLoad with a payload of 500 kg/1100 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 Powerbase can be lifted into highest position simply by switching a button.

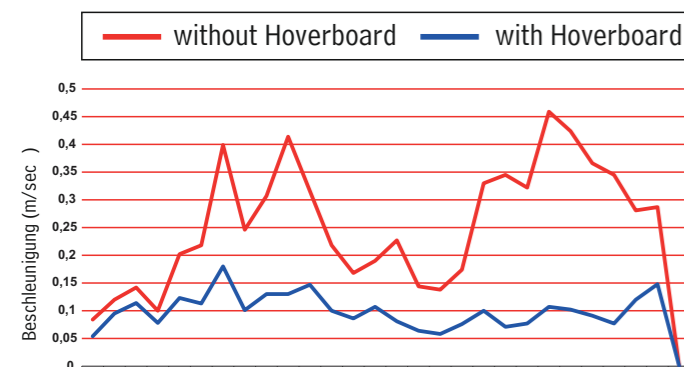
This means a significant relief for the spine.

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 1789:2020
EN 1865-5:2012
ECE R17 (test 20g)
UN-R10 (EMC-test)

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



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.

Loading and unloading

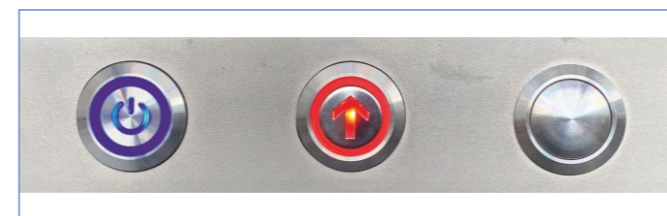
When unlocking the stretcher, the Hoverboard lowers automatically for easy loading and unloading.

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

Rigid position (e.g. for reanimation)

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

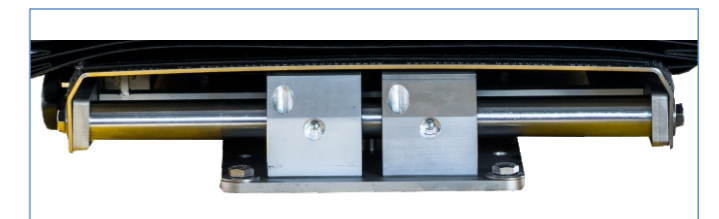
Pressing the red switch quickly lifts the Hoverboard to highest, rigid position.



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.

