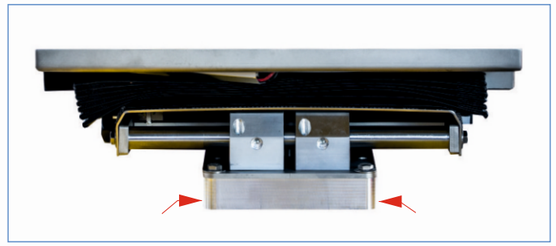
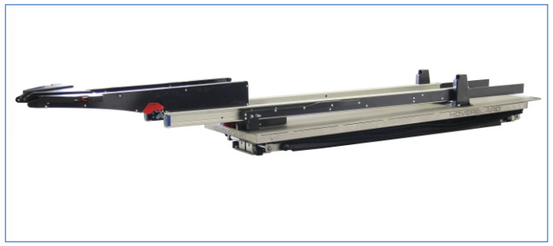
HOVERBOARD® ViviBase

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-resistent 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 in the long term**

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)

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

Length: 2000 mm - 78.8"
Width: 606 mm - 23.9"
Weight: 98/126 kg - 216/273 lbs
without/with lateral movement device

Maximum loading sill of the vehicle: 780 mm/30.8", with spacer plate 830 mm/32.7"

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Subject to modifications

AUSTRIA

HOVERBOARD® ViviBase

Stretcher support for Ferno Viper®

air suspension
height adjustment
cross motion device

The new dimension
of protecting patients and paramedics

HOVERBOARD® ViviBase

is a customized air-suspended stretcher support for the Ferno VIPER
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.

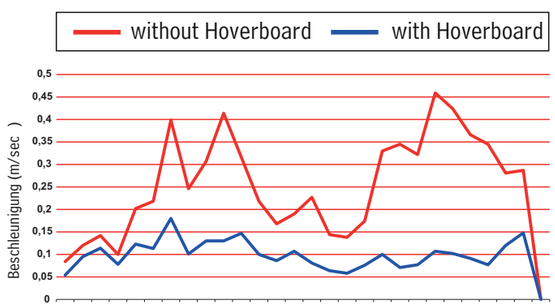
This means a significant relief for the spine.

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 Vivibase 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)

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 slided,
but never be raised manually.

Rigid position (e.g. for reanimation)

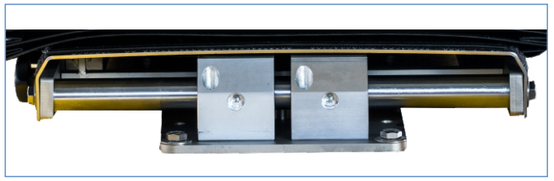
Pressing the blue main switch quickly lowers the
Hoverboard to lowest, rigid position.

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

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.