HOVERBOARD®
iNBase

Stretcher support for
Ferno iNX®

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

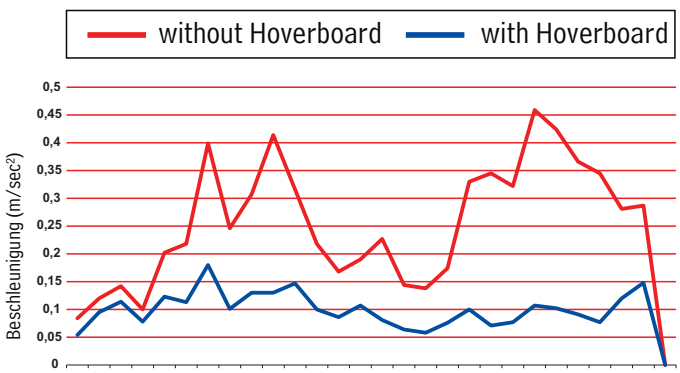
This means a significant relief for the spine.

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 Inbase 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)

HOVERBOARD® iNBase

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

Operation

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

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.

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.

Silence

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

Assembly

The Hoverboard Inbase is perfectly prepared for the assembly of the Ferno iNX:
The plate of the Inbase has a special beading, that fits exactly for the Ferno iNLINE fastening system.
No need for milling the vehicle floor.
Ferno´s ICS (Integrated charging system) is simply guided through the Hoverboard.

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.
Completely maintenance-free, easy to clean and disinfect.
Compressor 12 Volts DC, 25 Ampere in a hermetic external box

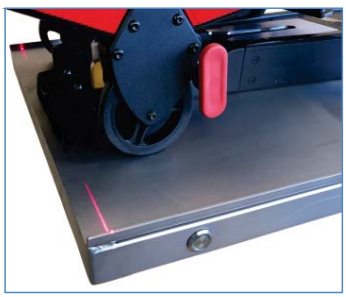
Pneumatic, smooth-running lateral movement device (option)
Switch for reanimation in highest position (option)
Main- and reanimation switch in external panel (option)
Spacer plate or spacer wedges for vehicles with high loading sill (option)

Tested by DEKRA (Germany), certified according to EN 1789:2020, EN 1865-5:2012 and ECE R17 (test 20g)

Height lowered:	150 mm -	5.9"
Height when active:	245 mm -	9.7"
Height for reanimation:	320 mm -	12.6"

Length: 2183 mm - 85.9"
Width: 606 mm - 23.9"
Weight: 96/124 kg - 212/274 lbs without/with lateral movement device

Maximum loading sill of the vehicle: 730 mm/28.7", with spacer 750 mm/29.5"



HOVERBOARD
Gewerbepark 10 + 16
A - 6068 Mils AUSTRIA

FON +43-660-800 9000
MAIL info@hover.at
WEB www.hover.at

Subject to modifications