

Assembly

The Hoverboard is perfectly prepared for the Kartsana powerBRAVA.
No need of any additional fasteners or other components.

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 - 270 kg/0 - 590 lbs.
Automatic lowering when unlocking the stretcher

Perfect combination of solid premium stainless steel and lightweight aluminium
Easy maintenance and cleaning
Compressor 12 Volts DC, 25 Ampere integrated or in an external hermetic box

Pneumatic, smooth-running lateral movement device (option)
Switch for reanimation in highest position (option)
Main- and reanimation switch in ceiling panel (option)

Tested by DEKRA (Germany), certified according to EN 1789:2014, EN 1865-5:2012

Height lowered:	135 mm-	5.3"
Height when active:	230 mm-	9.1"
Height for reanimation:	310 mm-	12.2"

Length:	2050 mm-	80.7"
Width:	605 mm-	23.8"
Weight:	142/170 kg - 313/375 lbs without/with lateral movement device	

Maximum loading sill of the vehicle: 750 mm/29.5"



Stretcher support for Kartsana powerBRAVA®

air suspension
height adjustment
cross motion device



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Subject to modifications

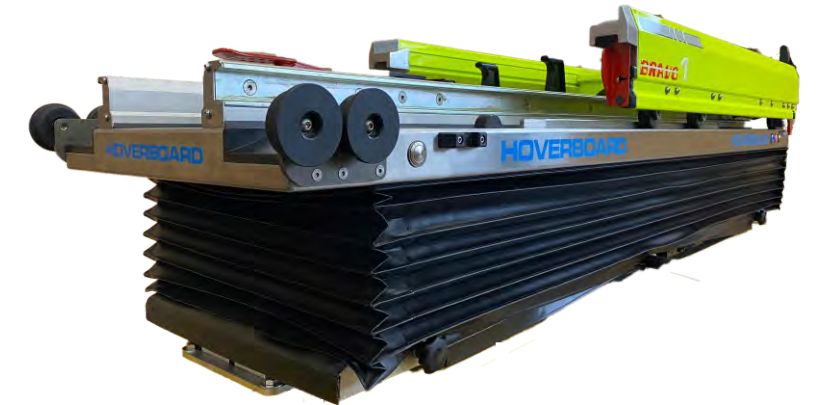


The new dimension
of protecting patients and paramedics



HOVERBOARD® BravoBase

is a customized air-suspended stretcher support
for the Kartsana powerBRAVA
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 BravoBase can be lifted into highest position
simply by switching a button.

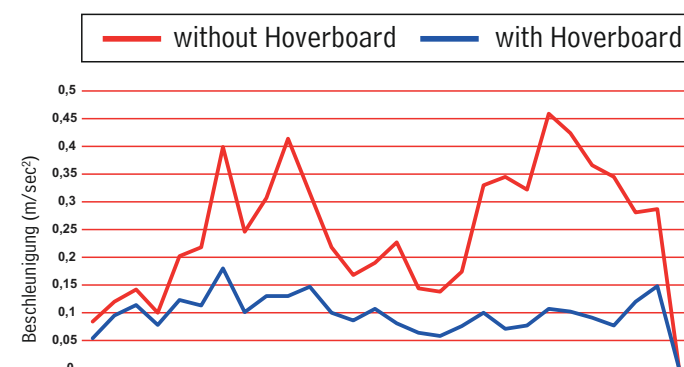
This means a significant relief for the spine.

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 BravoBase has been successfully crash-tested.

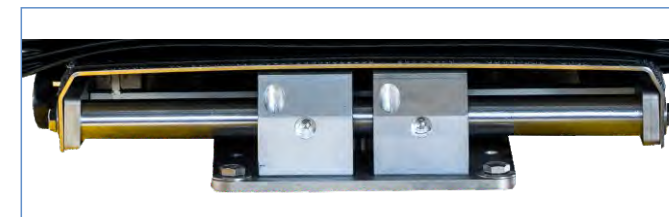
All new versions with and without cross motion device
are according to the latest standards:

EN 1789:2014
EN 1865-5:2012
ECE R17 (test 20g)



Operation

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.

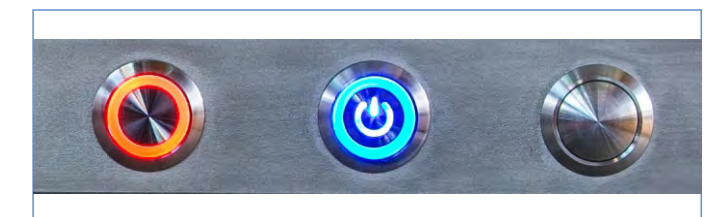
Silence

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 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.

