

VR PROJECT - Event-Management

SIMULATORS & EVENT MODULE → 3D & VIRTUAL REALITY

(Events - Exhibition - Development - Production – Selling & Leasing)

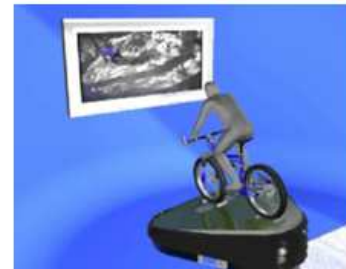
3D MOTION BOARD



World first:

*for umpteen sport simulation !
variable sizes and styles !
optional with Coin-Box !*

*downhill mountain bike
motor racing simulation
motor bike simulation
snow board simulation
ski-run simulation
jet ski simulation*



Fun Sports Motion Board

New 3D/6D Hightech Motion Boards for Fun Sport Simulation

**New Sport Simulation & Just for Fun
industry quality makes feeling
superior quality, comfortable feel
and incredible sensitivity**

We produces outstanding 3D/6D motion boards for different simulations. Order your ride in 2D or 3D. Customized programming is readily available. The board's lightweight construction has been optimized for mobile applications and is easy to transport. 3D/6D Boards vibrates with 3/6 degrees of freedom and senses shifts in the object being carried. The free selection of motion type, acceleration volume and frequency generate a nearly unlimited range of options like motion base for virtual reality, sport simulation, active damping, adventure cinema, extension of games and simulators, simulation and training related to virtual reality, coordination, balance.

Active Damping: Extremely robust actuator. Comparable to a controlled vibration damper the pneumatic vibe technology offers intelligent interactively controlled suppression of vibrancy, like for example corrective action, body ergonomic damping, absorption of shock, balancing of swinging and tilted positions. The active principle is on the one hand pneumatically passive, which reduces acceleration peaks and strokes, and on the other hand it is actively controlled.

Possible Applications, Realization and Prices



3D INTERACTIVE MOTION BOARD



motion unlimited

Vibration Tests

- shaking forces optimized in real life situations
- simulation of realistic strains and motions

Virtual Reality

- adventure cinema
- extension of games and simulators
- fitness training
- simulation and training related to virtual reality

Rehabilitation and Fitness

- balance training
- coordination training
- muscle building
- spinal cord training
- classic fitness training

Permanent Data Recording

- Each session is consistently reproducible and understandable!
- Measuring of forces and center of gravity is fully integrated

- SKI SIMULATION
- SKI SPRUNG SIMULATION
- SNOW BOARD SIMULATION
- JET SKI SIMULATION
- MOTO CROSS SIMULATION
- MOUNTAIN BIKE DOWNHILL SIMULATION

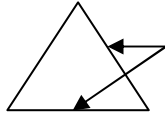
	3D	6D
machine:	motion board 3D	motion board 6D
type:	3D viber	6D viber
electr. supply:	AC230V, 50 Hz	
power consumption typical:	200 W	
air pressure supply:	6 – 10 bar, min. 200l per minute, max. 500l per minute	6 – 10 bar, min. 300l per minute, max. 800l per minute
installation:	mounted on a base or mobile	
measurements:	configured individually	
load capacity:	150 kg (up to 2000 kg)	100 kg (up to 1000 kg)
pitch:	+/- 17°	+/- 15°
roll:	+/- 17°	+/- 15°
yaw:		+/- 20°
lateral:		+/- 80 mm
heave:	+/- 160 mm	+/- 40 mm
rotation dynamic:	max. velocity 200°/s max. acceleration 2500°/s ²	max. velocity 100°/s max. acceleration 500°/s ²
translation dynamic (100kg):	max. velocity 1m/s, max. acceleration 11g	

The communication with the environment via electric signals (0-10V or 4-20mA) or via individually definable interface (RS232, TCP, ...)



The duration of the high-class and graphically pretentious simulations lasts between 1-3 minutes depending on the theme. You have to keep the specific time defined. Display of score and time. Best of the day with high score list. Logo placement and branding with customer logos and text possible. Different view positions. Graphically pretentious simulation also in 3D possible. Each simulation with a fix circuit and extendable for others.

- ready to start
- 8bar air system
- available for 2D & 3D simulation games
- available in different versions
- power 230V (110V) /16A

mobile or fixed base:**3D MOTION BOARD (A)**

for example: for snowboard, ski, surf, jet ski, helicopter, etc.
Measurements: 1.000 x 1.000 mm



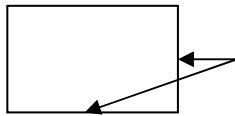
for example

3D MOTION BOARD (A)

incl. Compressor / without Display, Beamer, etc.

Services:

Purchasing price per item including the modification for the software to be written including the interface modifications including the maintenance-free air compressor.

mobile or fixed base - optional with coin box:**3D MOTION BOARD (B)**

for example: for mountain bike downhill, moto cross, motor bike, snowboard, ski, surf, jet ski, etc.

Measurements: 800 x 1600 mm



for example

3D MOTION BOARD (B)

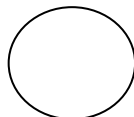
incl. Compressor / without Display, Beamer, etc.

Optionally with Coin Box:

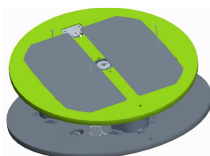
Coin timer – device with a high-class electronic sixfold coin verifier, menu guided setup and queries, preliminary run, overshoot, minimum time, remote start, integrated counter for a surcharge of approximately 1200 EUR.

Services:

Purchasing price per item including the modification for the software to be written including the interface modifications including the maintenance-free air compressor. plus approx. motor bike, jet ski, montain bike, etc.

mobile or fixed base:**3D MOTION BOARD (C)**

for example: ski, surf, etc.
diameter: 550 mm / height 15 cm



for example

3D MOTION BOARD (B)

incl. Compressor / without Display, Beamer, etc.

Services:

Purchasing price per item including the modification for the software to be written including the interface modifications including the maintenance-free air compressor.

optional: CURVED SCREEN PACKAGE (C)

different simulation software for winter & water & offroad
 curved screen software (software or dongle)

curved screen wall

beamer for curved screen

3D software

3D displays 55" and display stand

software branding available

optional: Air Compressor

mobile compressor, 8 bar, 220L per minute, maintenance free
 for mobil + fixed bases or extra compressor for more units-one
 on request

SOFTWARE PACKAGE (D)

Package from Ski Downhill
extendable to ski-jump simulation
extendable to snowboard simulation

Ski downhill simulation tied to the fitness area (requirements):

- The homepage of the program/interface displays several select buttons
- different circuits with circuit duration e.g. 1-3 minutes, appropriate to the simulation
- different slopes of different levels of difficulty selectable with different inclination angles and hills/moguls in order to simulate true to original the situation on a real slope
- As a special challenge the mentioned action is supported by vibration which can be activated additionally as vibration training for 2 minutes. Thus the build-up of muscles is enhanced and strengthened considerably and it is very demanding for the trainee.
- The challenge will be to accomplish each circuit in the defined time period.
- Score and time
- Best of the day with high score list
- Logo placement and branding with customer logos and text (e.g. Mercedes Ski Challenge or like this visible somewhere at the start)
- With the same circuits integration of fitting modules with view switching: skier visible, first person
- Optionally with replay of the circuit
- Optionally with server, in order to connect to an additional motion board
- In the fitness/fun version the main focus is on the fun and the sporty aspect
- For the physio version used as a tool for the fall prevention,
- each simulation graphically pretentious, optionally also as 3D version or later possible (approximately 2300 EUR surcharge)
- The motion boards are offered optionally with a coin box, the interface should enable a new start of the circuit after elapsed time by coin slot or via keyboard input if placed on trade shows or events.

Excellent programming, modification
smaller requests and modifications are considered.

Performances:

Up to 6 different programs can be started by select menu,
3 simulation games, vibration effect, optionally replay, high score etc.

SOFTWARE PACKAGE (E)

Package similar to (D) offered above in high-end quality

- In principle the question remains if man or woman on start
- How many downhill races and lengths in total
- labor input according to the requirement up to 4 men and 6 months

High-end programming on request

Services:

Amount and quality depend directly on the budget and on content-side (number of circuits and features) there would be no limitations. Similarly the activation of the boards would occur more specifically and complexly and the variety of circuits would increase.

We guarantee:

- Fast response
- Worldwide support
- Operating Instructions
- Manual and Checklist before events
- VR Project provides 6 month of warranty
- After sales support
- Operating Instructions
- EC Declaration of Conformity

Terms of payment: 100% payment in advance
Delivery time: ca. 3-4 months

All prices are in EURO, and net of additional VAT
plus delivery costs and support (on request)



VR PROJECT - Event-Management
Wald Straße 2 | 85599 Hergolding | Germany
Tel: +49 (89) 927 929 55
Fax: +49 (89) 927 929 57

www.vrproject.eu
info@vrproject.de

Version of Sept. 15, 2011
Copyright ©2011 VR Project
Errors and omissions excepted; modifications reserved.