



# SkyTechSport interactive simulators



Bringing Real Physics  
into the Virtual Reality



## WHAT TECHNOLOGY DO WE USE?



Smart sensors  
to track  
your motion

The simulator knows everything you are doing with your skis or snowboard.

Multiple built-in sensors track all the parameters, such as the position of your skis on the slope and your edging angles.



Main computer  
to analyze  
response from skis  
or snowboard

The main computer of the ski simulator empowers you to choose your trails and adjust all the snow conditions, including hard-packed, soft or icy snow. It can also generate bumps on the slope and create mogul-like terrain.



Powerful drive system  
to recreate G-force

Powerful motors are responsible for simulation of physics and bio-mechanics of skiing. We put most of our time and efforts to transfer the G-force as is from the slopes onto a ski and snowboard simulator.



Virtual reality  
to visualize your  
experience

A unique 3D-engine and a three-unit multimedia-projection system generate a huge image of the running slope with a stunning resolution.

Everything you do on the simulator syncs to the slope. So be careful **and don't** hit the trees!



**G**  
**FORCE**



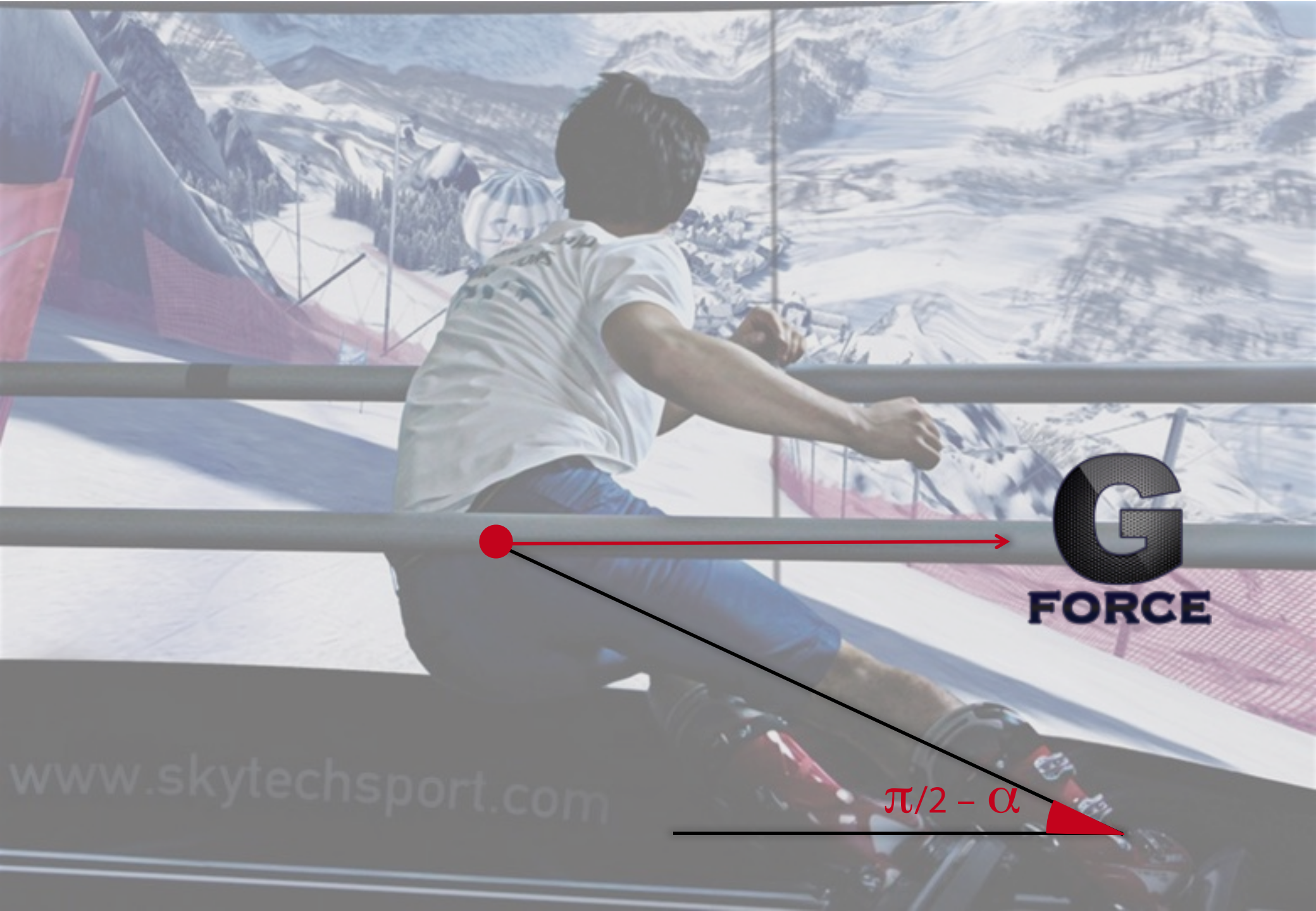
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# TO RECREATE SKIING INDOORS, WE NEED REAL PHYSICS

- G-force **affects all body** – head to toe
- G-force **is always perpendicular to skis**
- G-force **value is the same** as the one on the slope
- G-force responds with **zero latency**



**G**  
**FORCE**

[www.skytechsport.com](http://www.skytechsport.com)

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## HOW DOES IT WORK?

Screen for the virtual slope can be the standard size and format or a super-wide panoramic screen. The picture can also be projected in 3D

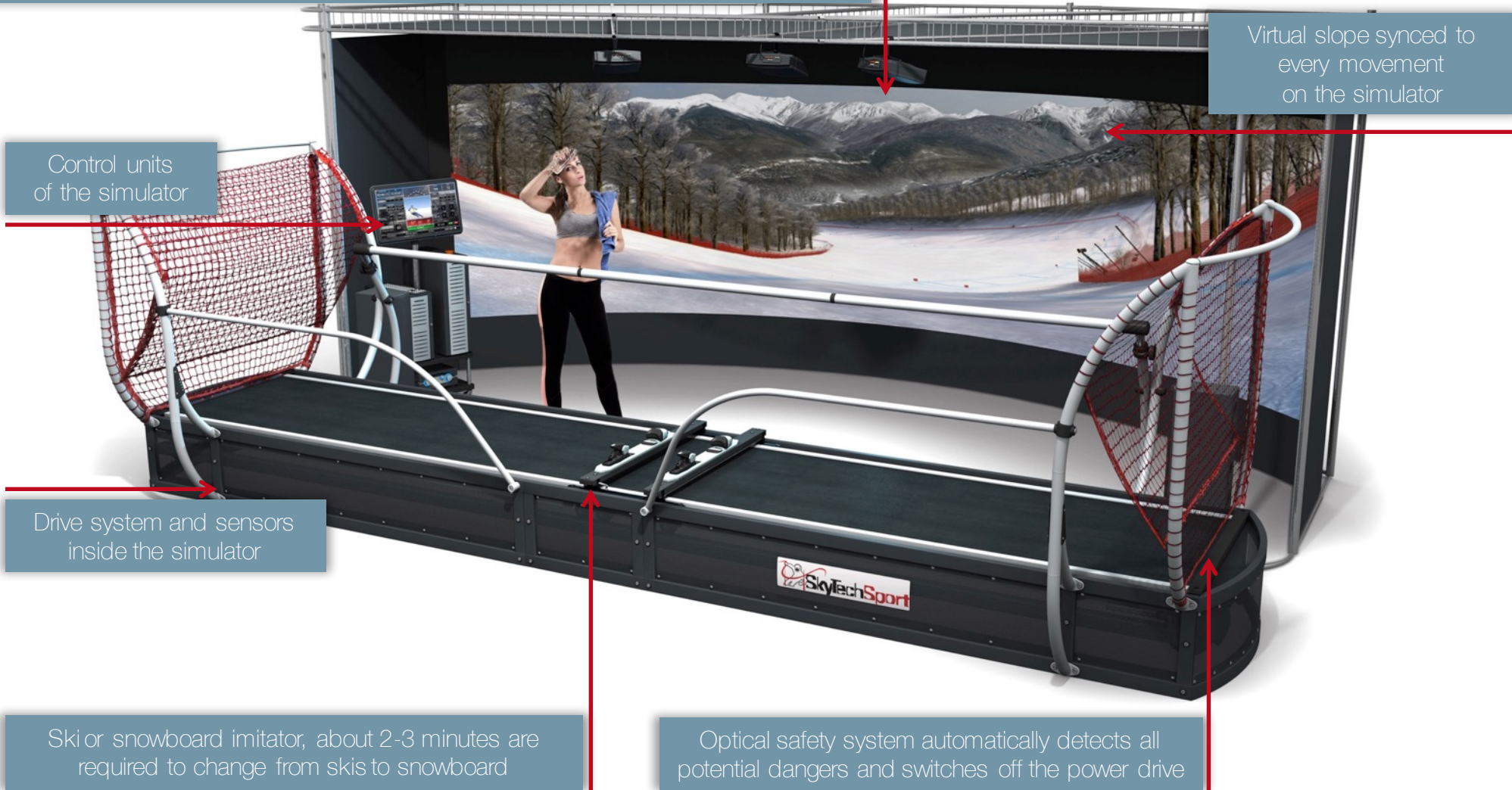
Virtual slope synced to every movement on the simulator

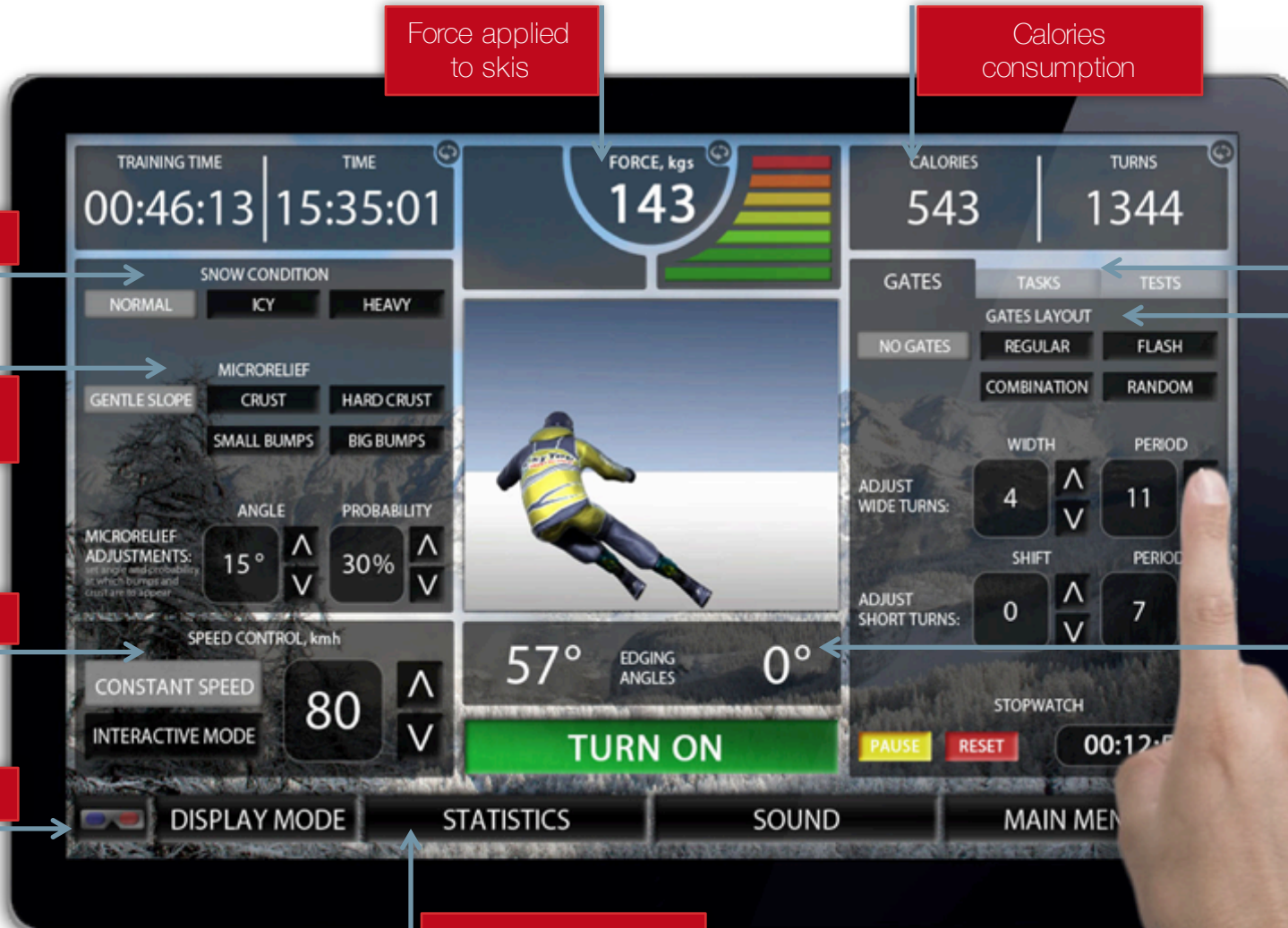
Control units of the simulator

Drive system and sensors inside the simulator

Ski or snowboard imitator, about 2-3 minutes are required to change from skis to snowboard

Optical safety system automatically detects all potential dangers and switches off the power drive





Force applied to skis

Calories consumption

Snow type menu

Setting tasks and completing tests

Bumps and crust menu

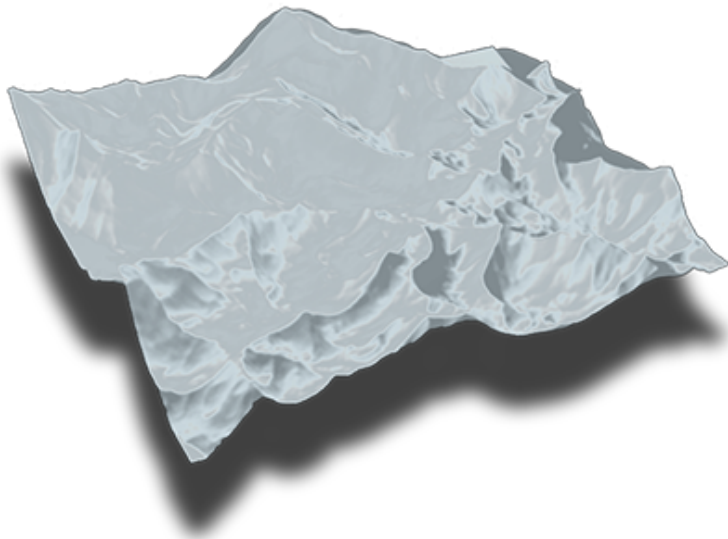
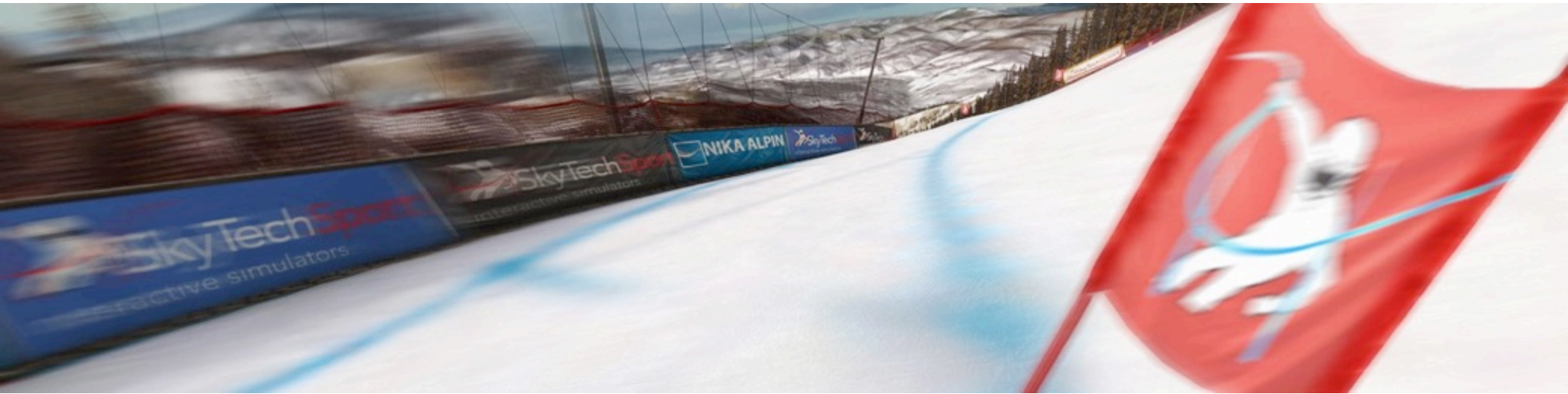
Slalom gates adjustments

Speed control

Data about edging angles

3D mode

Training session statistics



## GPS scouting

Our technology allows to recreate any slope from any ski resort in the world. We've already scanned and rendered in meticulous details:

- **Sochi race courses for 2014 Olympic Games**
- **2015 Beaver Creek World Championship courses**

The new technology is already being used by the world's top ski teams.



## Indoor Training



### All Indoor Training In One Machine

- Power training
- Functional training
- Coordination training
- Visual training
- Tests for athletes

## Downhill Training



### The Only Way To Stay Prepared For A Race

- Vest connected to power kinematics of the Simulator that is synced with the virtual slope terrain
- Load distributed through the body axis: shoulder girdle, mid-back, hips and legs
- Compression force with a load value up to 330lbs / 150kgs.

## Medical Rehab



### New Fast Way To Get Back To The Slope

- 6 years of experience in medical rehab for Olympic teams
- Absolutely safe
- Uses the same muscles as skiing
- Rehab can start as early as 3 months after ACL surgery
- The only rehab tool that is fun!



## President Lux

Downhill Pro Simulator

\$82,900

platform width: 19'

power: 8 HP

VR trails: endless course + slaloms + giant slaloms + downhills

A duet of advanced software and brand new **Kinematic Power Vest** — the Downhill Simulator has become a turning point in professional winter sports training.

The Simulator comes with a super-wide panoramic screen (up to 24' wide) integrated into VR-Room, three 3000 Lm projectors, 3D-goggles and a Hi-Fi audio system.

Includes both skis and snowboard imitator.



\$2,590  
monthly

for 36 months, \$8,300 down payment

USSA Club Member Financing

Offer valid till July 31, 2016. Only for USSA member clubs, subject to credit approval.



# Olymp

Downhill Pro Simulator



\$97,900

platform width: 24'

power: 10 HP

VR trails: endless course + slaloms + giant slaloms + downhills

A duet of advanced software and brand new **Kinematic Power Vest** — the Downhill Simulator has become a turning point in professional winter sports training.

The Simulator comes with a super-wide panoramic screen (up to 26'11" wide) integrated into VR-Room, three 3000 Lm projectors, 3D-goggles and a Hi-Fi audio system.

Includes both skis and snowboard imitator.



\$2,990  
monthly

for 36 months, \$9,900 down payment

USSA Club Member Financing

Offer valid till July 31, 2016. Only for USSA member clubs, subject to credit approval.



## Support

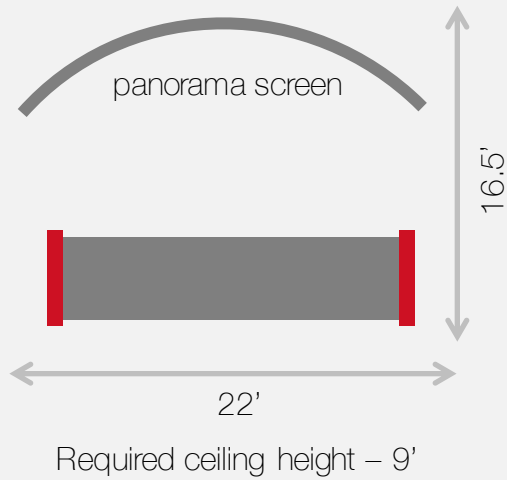
- 24/7 technical support with our phone «hot-line»
- Remote software upgrades, including:
  - user interface upgrades
  - operating system upgrades
  - uploads of new ski areas
- Training of technical personnel and training of instructors by certified SkyTechSport experts – anywhere in the world

## Terms of supply

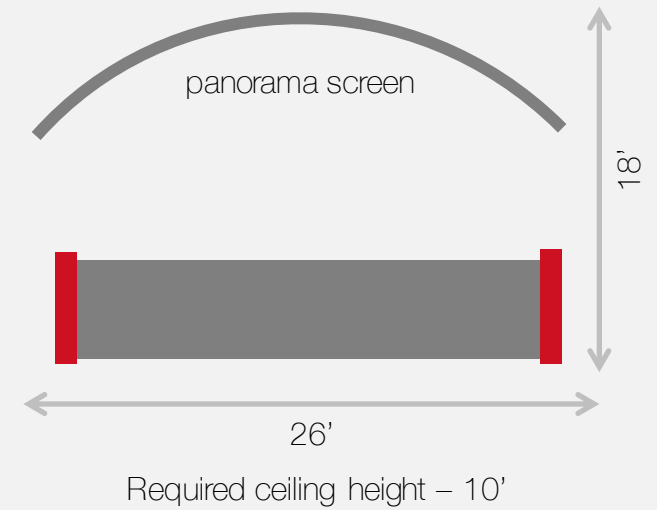
- The terms and prices are for supply from Los Angeles, California, USA. Ready to the dispatch within 45-60 days.
- Shipping and travel expenses for installation specialists are not included in the price.
- The warranty period is 18 months.
- Prices are valid until July 31, 2016.

# FOOTPRINTS

## President Lux



## Olymp



**VISIT US FOR A DEMO!**

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