UNITED BY **SKIS**

Skis from recreation bring the feeling of easiness and freedom into everyday life.

Safety in mountains calls for a good balance and **resourcefulness in unpredictable situations**. **Dexterity** is a combination of coordination abilities, quick response, neuromotor response, helps maintain good physical and mental health.

Skier is about lifestyle, mentality and actions mode, based on observations not only in mountains and extreme conditions but also in everyday life, where complex and unpredictable situations **teach dexterity**, confidence, sustainability in life and handling difficult tasks.

**Skiers are a community of free, healthy and successful people!**
Infinite Slopes Technology
Allows for full control of equipment in natural conditions as opposed to rail simulators

Why different?
Rail simulators utilize rails instead of skis, restrict legs movements and sensation, which creates less impulses inflow from receptors to brain and back to muscles thus decreasing nerve-muscle activation, mental concentration, coordination capabilities, leading to non-natural movement biomechanics in real conditions, accumulating errors and becoming accustomed to a “helper”
SKIING365

ONLY INFINITY SLOPE
“Movement coordination is about overcoming the excessive grades of freedom of our movement organs, i.e. transformation them into the controlled systems”

N.A. Bernstein, biomechanics and cybernetics founder

For any motor activity, our brain has to coordinate and interpret the body’s electrical impulses. Most movement coordination sensors in people are located in legs.

Any leg movement restriction other than an innate one would create a lower flow of the impulses from the sensors to the brain and back through the nerves to the muscles resulting in coordination capacity limitation and the accumulation and strengthening of errors.

Skis with a limitation means conditions simplification. The infinite slopes as opposed to the other alpine ski simulators use real skis and boards without limitations of movement.

The boots with skis become part of our body’s sensors network through the brain enabling us to feel the boot through the sole and the properties of snow, ice, the cohesion and sliding levels as well as the terrain changes through the ski edge.

Under any limitation in the ski movement freedom, both our brain and muscles lose the ability to contain the excess freedom for holding them in the required direction and the quick reaction to hurdles in natural conditions.

However, in the real conditions, it is us who control the freedom of every ski, but we do not always achieve their parallel positions, feel the terrain levels fluctuations with the skis and their edges, move on curvilinear surfaces, using different speeds and styles, at least freely and in unpredictable conditions our body and brain having not always been well trained to adjust to.

Any movement limitation and the conditions simplification is unnatural- this is an insidious “crutch” creating a semblance of a normal workout and leading to accumulation of errors and a dependence, which would be hard to get rid of.

The additional freedom degrees as opposed to others are the rotation, ski bending.

The naturality of Proleski consists in the ski movements freedom.
SKI SIMULATORS
that have no analogues in the world
The first and only company in the world to create and **patent revolutionary endless slope** to outstrip the real ski piste and other simulators in **effective training** and to create a **successful business model** due:

- Natural skiing conditions;
- Terrain modelling and unpredictability;
- Digital functions: VR, game, billing etc
- Standardizing and business processes control – Proleski Club Franchising.

Acknowledged by authoritative alpine ski industry experts

**DEXTERITY IN OUR INSTINCT. INNOVATIONS IN OUR DNA.**
Proleski is unique in the world in natural conditions and effectiveness of the indoor alpine ski workout according to authoritative experts* of the alpine ski industry.

*ski developers and testers; European ski federations and FIS members; EU professional athletes and coaches; 8 years of experience and over 500 users.
and still very much unified workers in the world

• **Frédéric Covili** - an alpine skiing (giant slalom) World Champion in 2001 (France);
• **Pierre-Alexandre Rousseau** - World Champion 2007, six-time Canadian champion, Canadian national Olympic mogul and freestyle team coach;
• **Ramon Zenhausern**, vice-Champion Olympic 2018;
• **JP Baralo** - FIS Cross Race Director (Switzerland);
• **Thomas Reiter** - Tirol Ski Team Sport Director (Austria);
• **Hans Pum** - alpine director in the Austrian Ski Association (Austria);
• **Fabien Tissot** - an alpine skiing (giant slalom) France Champion.
**PROLESKI REVOLUTION**

**NATURAL CONDITIONS**

- **Control of movement**: real skis, boards, boots, poles, Nordic skis, skimo.
- **Sliding control**: ski carpet + automatic water conditioning + sliding liquid Proleski = snow like sliding.
- **Traction control**: sharp edge skis.
- **Terrain control**: uneven terrain modelling in 2 and 8 directions of the V (Vertical) и D (Direction) series
- **Dynamic balance control**: skier’s speed and weight relative of the ski carpet, create natural inertia force (G), affecting skier’s gravity centre, and compensated through traction line ski edge -ski carpet.

«Proleski training is more effective than on snow in real conditions!»

**ONLY PROLESKI**

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**PROLESKI REVOLUTION**
**SKI TRAINING**

- **Slalom disciplines**: carving at $V > 31 \text{ km/h}$ and a skier in turns at $V > 43 \text{ km/h}$. Option;
- **Dexterity training**— series Direction unprepared pistes uneven terrain unpredictability modelling;
- **Errors monitoring**: ski carpet is more demanding than snow; the errors are more evident, coach is always near, quick error detection;
- **Work on errors**: honing of skiing techniques
- **safety**: 100% when using U-type safety harness.

«High efficiency and Sports rehabilitation!»

ONLY PROLESKI
PROLESKI REVOLUTION

SKIING

Alpine
Cross country ski in skate and classical styles
Ski mounting
Universal
Due to its uniqueness Proleski can have Wide target audience* with High interest and motivation to training**, Long-term loyalty*** and therefore, basis for successful business.

* All skill levels: novice, amateur, experienced professional; other endless slopes are intended for novices due to lack of Proleski uniqueness
** 1 customer uses up to 1000 sets per year;
*** regular customers share up to 70%.

Based on Kyiv Proleski Club
PROLESKI

ONLY WITH PROLESKI SIMULATORS

1 PERSON - 1000 SETS

more than 1000 sets

40+ sets

20-40 sets

10-20 sets
Olympic champions and coaches of national teams of France, Austria, Switzerland and Canada choose Proleski for 3 unique features from all the analogues:

**natural conditions:**
- The use of real skis and snowboards;
- The use of sharp edges for the correct technique;
- High slide identical to real snow piste;
- Modeling the curved surface of the terrain in 3 planes, 8 directions;

**training efficiency:**
- Ski surface Proleski is more demanding on skiing technique than in real conditions;
- Allows you to have a speed of $V > 31$ km/h which is necessary for carving technique unlike analogues;
- To compensate the load in carving turns, muscle groups of the body and legs are involved, which are usually involved only if the skiers falls in real conditions in carving turns. Training of that muscle group allows the skier to be more stable and technical in real conditions. **Training Proleski allows you to have advantages in physics, biomechanics, reaction, balance over training in real conditions and all analogues.**

**unpredictability of the terrain:**
- Improvement of the neuromotor activation due to the simulation of unprepared routes;
- Curvature and unpredictability of the terrain;
- Improvement of the coordination and balance, improvement of muscle activity and metabolism.

**Our users say:** “Snow forgives mistakes, Proleski - never! Train hard fight easy! Proleski training is more effective than on snow in real conditions!”

Advanced, amateurs and beginners choose Proleski for their constant interest, adrenaline and high motivation to improve the skills:
- In a variety of skiing techniques- from plow to carving;
- Equipment integrity (ski surface safety);
- Preparation for a trip to a ski resort and preventing the injuries;
- And of course competition and game- game features Proleski: “8D Vision” and “Record”.

**Staff** choose Proleski for durability and reliability:
- T > 5 years before replacing the ski carpet;
- Customer service 12/7, response within 1 hour;
- Online diagnostics;
- Spare parts are available worldwide;
- 20 years warranty for the motor and supporting structure;
- 2 years full warranty for all parts of the simulator and 5 years extended warranty;

**Businesses** choose Proleski for business success:
- The constant income from high motivation and loyalty of visitors of all ski levels of Proleski simulators;
- Every second member of the club becomes a regular customer;
- A regular customer rides up to 1000 sets per year;
- More than 10 years loyalty of regular customers;
- Possibility of online accounting and records.
FROM BEGINNER TO PROFESSIONAL ONLY WITH SIMULATORS PROLESKI
PROLESKI ONE&GROUP
FOR SKIING

individual

group
PROLESKI ONE

PRO1DA

1 person – comfortable riding;
3 persons – «Novices school».

$S \geq 25\ m^2$
$h \geq 3,5\ m$

Relief modeling in 8 directions
Ski carpet speed: $V \leq 25$ (35 option) km / h
Trajectory speed $V \leq 60$ km / h
Carving $\leq 65$ turns/min
in 20 minutes $\leq 10$ km

Mounting spot: L3920mm x W5780mm
Slope place with mirror/screen: L5920 mm x W5780 mm
Access height 660 mm
SELF-SERVICE

• Safety harness – 100% safety from falling, safe operation - no operator needed (included);

• Automated payment process - local payment system and 100% self-service (extras);

• Close-loop system (extras)

• VR is 8DVisionX virtual reality (included)
PROLESKI GAME
8D VISION
INCLUDED IN THE BASIC COMPLETE MODEL PRO1DA

8D Vision light

8D Vision light outputs signal to display the corresponding terrain and view angle, based on the speed of the ski carpet, tilt angle of the platform - in real time by means of the simulator software which interacts with the electronics of the simulator. The virtual track is displayed based on the viewpoint of the basic position of the skier on the platform.

Equipment: Software Proleski; modules 8D, track programming system, ready tracks.
PROLESKI GAME

MODUL RECORD

Customer’s personal report, containing:
1. Mode: General statistics on the piste overcome: speed (maximum, average); The piste length with speed marks; Number of stops and pauses time; Terrain conditions statistics; Number of full turns made.
2. Mode: Competitions and achievements:* In competitions mode the maximum and average speed are shown plus the number of full turns made within a certain time limit. The full turn is the skier’s movement from the two most distant specially marked points on the carpet. The movements calculation is done automatically with 4 infra-red sensors along the carpet perimeter.

Features: The system provides for the full info input into the LED panel (nest to the skiing area) or send to the email. Possibility to store reports, compare reports taken in different time to analyze the progress, Also to make interclub competitions; Motivates and increases the interest in the skiers to improve their skiing techniques.

Composition: Software, 42” LED Panel, infra-red sensors with fixation, activation indication, crossing (for customer)
It can output the signal of video file taken on GoPro, downloaded into the programme, and synchronize it with the simulator by the videofiles pictures speed control relative to the ski carpet speed and inclination according to the geodata. Video requirements- no less than 4K, 60 pictures per second, geodata, speed. A wide variety of videofiles from the open sources, plus an opportunity for customers bring their own videos and use their own pistes.
PROLESKI OPTION
BUSINESS

Business management:
Proleski billing system will allow you to have a deposit system and effectively manage the club.

Interaction with the market:
sports shops, travel agencies, equipment rental, universities, schools, kindergartens, will quickly create a steady stream.

Sports training for staff

Franchising Proleski Club -
This is a turnkey solution for creating and managing a ski club.

Customized «turnkey» Solutions
Area: $S \geq 25 \text{ m}^2$
Ceiling: $h \geq 3.5 \text{ m}$
Electricity: 3phase, 380V, $I \geq 20A$
Investments $\geq 65,000 \text{ euro}$
Return on investment $\geq 18$ months
Project implementation period $\geq 90 - 130$ days

ZONING and visualization is already available - send a PLAN to start!
PROLESKI SERVICE
AND MAITENANCE

2 YEARS OF WARRANTY

- CE CORRESPONDING UL PATENTS FOR INVENTIONS
- MORE THAN 5 YEARS BEFORE CARPET REPLACEMENT
- REMOTE ONLINE DIAGNOSTIC
- INDIVIDUAL ORDERS AND DIMENSIONS
- COMPONENTS OF WORLD BRANDS (SIEMENS, ABB, FORBO, etc.)
- SOFTWARE FOR THE NEEDS OF THE CLIENT
THOUSANDS OF SATISFIED CUSTOMERS AROUND THE WORLD
PROLESKI ONE MOBILE

MODEL PRO1MV
PROLESKI
infinite slopes

CLIMB & MULTISPORT
PROLESKI CLIMB