FOR ALPINE, CROSS COUNTRY SKIS AND JUMP SKIS

SKIPOWER™

Patent Pending

News

+ HIGH-TECH
+ TRANSPORTABLE
+ PRECISE
+ RACING

SKIPOWER: the digital machine that will revolutionize the world of ski!

2 in 1
stone
microgroover
base flattener

Balancing and supervision of the **DIGITAL dragging wheel**

I-PAD powerful software

Dynamic and **DETACHABLE** roller conveyors

RACING diamond wheel

Sound-reduced refrigerant pump with 5 high-pressure jets

For Race
COMPETITIONS

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TECNOPOWER

SKIPOWER: flattens and carves with a precision never seen before!

It is the result of many years of experience of several technicians, sharing the same passion for hi-tech and sport!

NEW I-PAD SOFTWARE

The powerful software enables SKIPOWER to **create structures never designed before**, by simply pressing a button, it is possible to repeat the structures recorded or change and repeat them endlessly with absolute precision and in **real-time**.
The "brain" of the machine is loaded on the I-pad, this allows the ski-man to easily transport it and to develop their own structure working off-line, moreover it gives the advantage to share it on the SKIPOWER **machines' net**.

LIGHT AND COMPACT

The main elements of its strong structure are:
> automatic feed rollers at the far ends
> I-PAD
> machine tank
> lateral cases

The machine's **practical handles and its limited weight** make it really easy for the ski-man **to transport** SKIPOWER from a competition to another.

OPTIONAL

• **CHILLER Group** to stabilize the temperature of cleaning water.

• Automatic water **FILTRATION** group to have high quality no stop manufacture.

• **BRIDGE** to manufacture ski provided with ski bindings.

TRAINING

1 day in Tecnopower + 1 day on-site.

CHARACTERISTICS

News

• **Mandrel** with high precision bearings and **Brushless digital** engine to support the grinder
• **Silicon carbide sintered grinder intended for competition**
• **Dragging unit pneumatically balanced**, it supervises the pressure on the ski by means of a **Brushless digital** engine joined to a precision worm reduction
• **Diamond movement unit:** completely re-designed in order to guarantee racing performances of the highest level.
• **Diamond provided with a cutting layout with pins and grinded faces self-sharpening.**
• **Containment tank** for working and cleaning jets of the grinder provided with 5 nozzles, linked by means of high pressure flexible pipes (80 bar) to the **washdown silenced pump**
• **80 litres tank**, provided with high pressure pump and electronical indicator of the level and temperature of water.
• Input roller conveyor with **detachment system** and inclined surface to manufacture the connection to the ski tip and for intermittent working.
• Output roller conveyor with **ski detachment system** for intermittent manufacture
• **n.4 automatic center** squares with pneumatic adjustments.
• **n.2 center squares** on the output roller conveyor axially adjustable to fix the ski flaw.
• **Dynamic adjustment** of the distance between the dragging wheel and the grinder.
• **Integrated switchboard including:** controls, programmable logic, I-PAD, machine control, termical guards, transformers, **modem* for the on-line assistance**, terminals and connections.

MULTILAYER
5 sections for 5 layers

• The width of the ski can be divided into 5 sections each of which can have up to 5 layers of different structures.

TECHNICAL FEATURES

Grinding wheel diameter	max 350 mm / min. 290 mm
Grinding wheel max. width	140 mm
Grinding wheel max. speed	1700 g/1'
Dragging wheel max. diameter	200 mm
Ski width min. - max.	25 - 140 mm
Coolant tank volume	80 litri
N° of controlled axis	4
Machine dimensions (L x W x H)	1800 x 800 x 1600 mm
Maximum total weight	220 Kg
Weight for transport	**165 Kg**
Rated voltage (+ neutral)	3 x 380 x 50 Vca
Power	installed 5 KW / absorbed 3 KW
Noise emission	69 dB (A) 1
Pressurized air consumption	60 Nlt/1' a 6 bar

***A high-speed internet connection is needed for the on-line assistance.**

A FEW EXEMPLES OF BASIC STRUCTURES

∞ structures

• 3 stripes with different patterns
• 3 stripes with lineal pattern on the sides and fishbone and/or comma-shaped lines in the middle (or viceversa)
• asymmetric on the right or left side
• fishbone and fishbone with comma-shaped lines
• shadow to the right or to the left
• shadow comma-shaped lines to the left
• shadow comma-shaped lines to the right
• fishbone shadow and/or with comma-shaped lines
• double fishbone shadow and/or with comma-shaped lines
• unidirectional left and/or with comma-shaped lines
• unidirectional right and/or with comma-shaped lines
• unidirectional fishbone and/or with comma-shaped lines
• different patterns on the length of the ski
• lineal pattern
• uniterrupted lineal and wave pattern
• multi-patterns

Endless structures to create!

SKIPOWER™

The machine is provided with CE mark, Instruction Manual and Declaration of Conformity.
WE RESERVE THE RIGHT TO MAKE TECHNICAL CHANGES

Patent Pending

TECNOPOWER