Comfortable change from stone to belt due to pneutmatic lifting device

Belt Stone Combination for Ski and Snowboard

PROFI 4

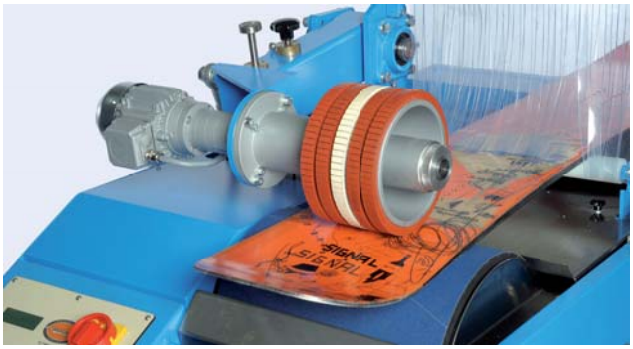
Space saving combi package – wide stone and belt
The PROFI 4 is a combined stone-belt-tuning machine that meets all requirements for fast and efficient tuning. Based on the two in-line aggregates stone and belt, which are operable from one side, the machines can be placed directly against the wall to save space. Equipped with a 350 mm wide stone the PROFI 4 can handle skis and snowboards with ease. Furthermore the split structure option on the stone enables a one step pre-grinding and finish structure, without wasting time or material. The rubberized contact roll on the belt side adapts to concave and convex shapes of boards while protecting the edge angles. The pneumatic controls on the PROFI 4 give the user many options for tuning snowboards. The PROFI 4 also has power saving capabilities built into the machine, making it an environmentally friendly machine.

Pneumatic controls and pressure regulation
With one hand the machine operator can switch the feed wheel position from stone to belt and back, with only the push of a button. The feed wheel is easily split into selections to adjust the pressure on the board. This helps the operator put pressure on the board exactly where it is needed. Grinding convex or concave boards and skis will no longer be an issue.

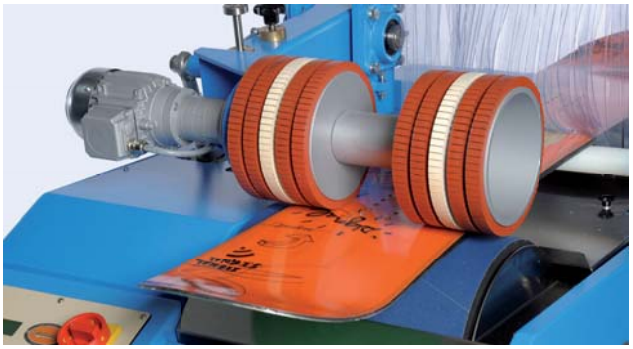
Reproducible structures
The operation and adjustment of the PROFI 4 is carried out via over sized keys on the "easy-to-use"-panel. The computer control enables the alignment of infinite structures, which you can also develop using our online platform "PatRich" without wearing of the stone and dresser. With 20 preset programs one can adjust boards and skis quickly and easily for any snow conditions and achieve consistent results. This assures consistent quality to from your workshop and certain customer satisfaction.

Cleaning and maintenance
Changing the belt is effortless with the pneumatic belt tension system. Cleaning of the machine is also quite easy largely due to the design of the machine. The sloped interior of the machine provides for full accumulation of the grinding material in the tank. A clean machine means less costs for spare parts, as well as costs of time spent cleaning and repairing the machine.

A good investment for the future
The PROFI 4 stands for foresighted technique that meets all requirements for the future. Moreover, with an investment into machine quality "Made in Germany" you can save costs due the fact that your need for spare parts will be reduced. The PROFI 4 is a low consumption machine requiring small amount of consumables and saving you and the customer money.

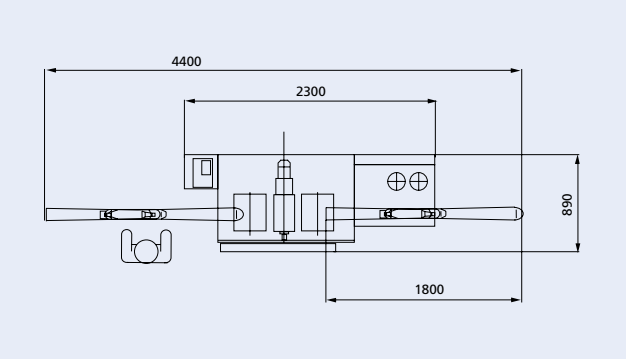


Perfect structures for ski and snowboard



Splitable drive roll for perfect pressure distribution for convexe and concave Snowboard shape

Fast and easy change of filter



Layout PROFI 4

TECHNICAL DATA PROFI 4

Dimensions (L x W x H) in mm	2300 x 900 x 1300
Weight in kg	700
Connecting voltage	400 V, 3 PH/N/PE, 50 Hz
Connecting plug	CEE 16A 5-pol.
Connecting power in kW	4,5
Engine speed 1/min	stepless// 470/960
Coolant tank approx. in l	90
Grinding stone in mm	Ø 300 x 350
Sanding belt in mm	350 x 1500
Side edge tuning belt in mm	20 x 1200
Belt speed approx. t/min	500 / 1000
Dressing speed	stepless adjustable
Feed speed	stepless adjustable
Stone speed	stepless adjustable
Grinding pressure feed in kg	0 - 60

ACCESSORIES PROFI 4

Description	Article number	Page
Ceramic scraper	750345	26
Corundum grinding stone	750250	26
Binding bridge		27
For Downhill, aluminium	1026649	
For children ski, aluminium	1027477	
For Nordic, aluminium	1026244	
For Downhill, carbon	1031953	
For Nordic, carbon	1031954	
Sanding belt 350 x 1500 mm		30
Grain 80	1000726	
Grain 100	1000727	
Grain 120	1000728	
Polishing belt scotch 350 x 1500 mm	1001895	30
Tuning belt cork 350 x 1500 mm	1014841	30
Side edge sanding belt 20 x 1200 mm		32
Grain 80	400476	
Grain 100	400477	
Grain 120	400586	
Grinding stone Ø 300 x 350 mm	1002574	28
HQ Dresser	1014936	28
Emulsion	750331	26
Machine cleaner	100349	26
Filter socket	1029066	26
Roll filter paper	400604	26
Micro filter mat	1034020	26
One-hand grease gun	750287	26
Grease cartridge	100067	26
Compressor LFX	1014810	25