





Scout

Maximum performance with a compact design!

The development of the Scout by WINTERSTEIGER has broken the link between size and performance. Thanks to the machine's compact design, even in small workshops there is enough room to switch from manual ski servicing to automated, state-of-the art technology right away.

One operator using the Scout can achieve almost double the throughput of one operator using two manual machines. In other words, the intelligent design of the Scout means that entry into automation is no longer a question of space, but rather of financial forethought.



Your benefits summed up:

Intelligent design

- Smallest base dimensions
- Can be placed directly on the wall

Performance and efficiency

- 50 percent fewer personnel hours required compared with manual machines
- Time-saving thanks to significantly higher throughput compared with manual machines

Impressive technology

- Highly-innovative feeding technology without suction cups
- Tried-and-tested Ceramic Disc Finish for precise tuning of side and base edges

Impeccable ski servicing

- Consistent grinding quality and repeatability regardless of operating personnel
- Multiple storage settings for reproducible tuning programs
- Perfectly polished base edge at tip and tail

Safe and easy to use

- Servicing process in a closed system
- Simple operation and intuitive touch screen interface

Intelligent design, safe and easy to use.

Those who take safety seriously should do so on an economic, ergonomic and permissible level.* The Scout allows you to do just that, with automated processes and extremely straightforward operation compared with manual tuning. The intelligent machine design and safe, comfortable operation are what make this possible.

Work made fun.

The Scout's closed system guarantees the well-being of your employees due to the following advantages:

- Low noise level and clean working environment
- Maximum safety for the operator
- Working with bridges is finally a thing of the past

No bridges, no suction cups, no pre-sorting.

The Scout detects the length of the skis automatically and uses the clamping cylinders to achieve the best possible grinding result. Time-consuming pre-sorting work is no longer necessary.

Two loading alternatives are available for the Scout: manual, individual loading (standard) or paired loading (optional)

Simple operation.

The clear user interface facilitates quick and straightforward setting of all desired parameters. Whether you are an apprentice or an expert, the user interface is tailored perfectly to the operator's level.



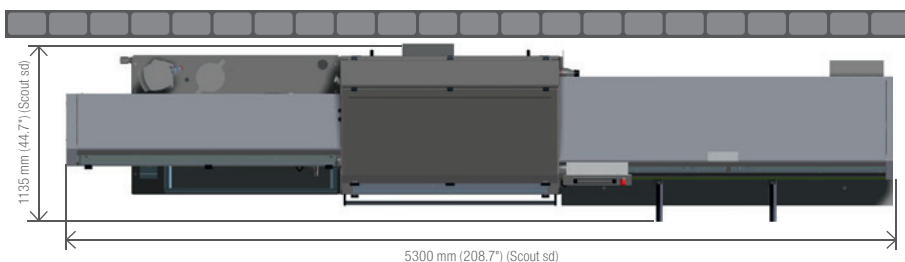
Optional: paired loading for an efficient process

Intelligent, compact design.

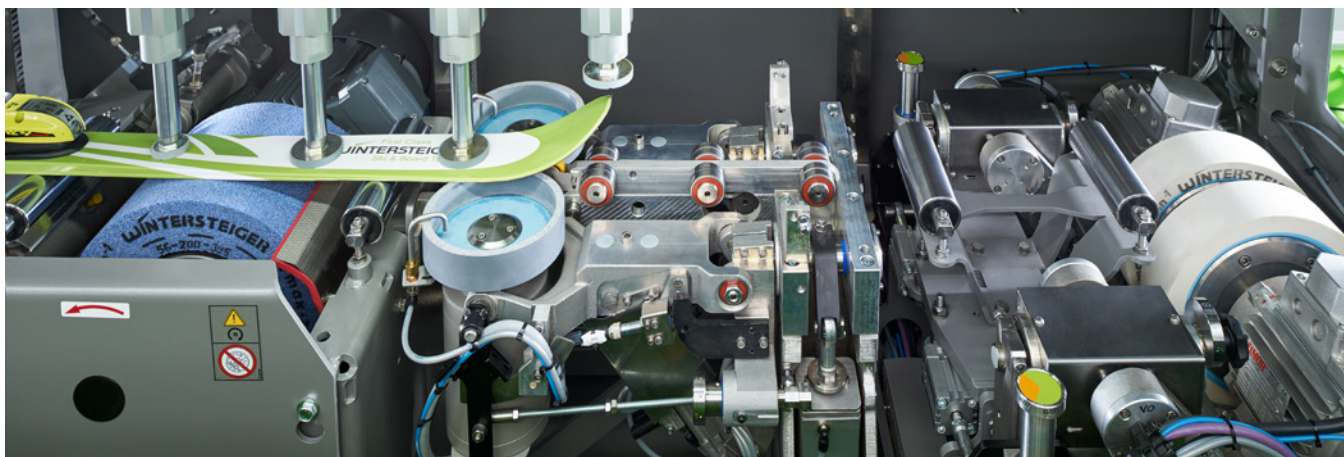
The Scout impresses with the smallest base dimensions of all automated devices in its class, and at a length smaller than that of other comparable machines on the market. All systems of the Scout are accessible from the front, meaning that the device can be placed directly on the wall.

Less space required.

The device can be placed directly on the wall, as all functionalities in the "Cockpit" of the Scout can be accessed and operated from the front and side. The same applies when accessing daily care and maintenance functions.



* In accordance with CE conformity and the EU Machinery Directive



Stone module.

Consistent grinding quality across the entire length of the ski and accurate structures up to the tip. With a stone width of 200 mm, all types of ski can be processed. The tried and- tested hover function allows stone to be positioned precisely for optimum finish right up to the tip of the ski.

Disc module.

The Scout's Ceramic Disc Finish for tuning sides and base edges employs exactly the same technology used by ski manufacturers and racing teams.

The self-sharpening discs guarantee an extremely precise edge geometry, a precise grinding angle, smooth edge surfaces and consistent grinding quality over the entire length of the ski.

Polishing module.

The polishing module is the ideal addition to the disc module. Skis can either be polished only in the tip and tail area, or down the entire length of the edge. This way you get the perfect base edge without the need for manual touch up.

Optionally, the base edge can be set to the best angle for the planned ski service using a manual adjustment cog to get perfect results when used in conjunction with the disc module.

Your benefits:

- Tuning right up to the tip
- A wide variety of structures with maximum precision
- Optional performance package with oscillating grinding stone and structure package

Your benefits:

- Reduced material removal and optimizes the service life of the skis
- Precise tuning for exact grinding angles and a smooth edge surface
- Sharpest edges with Ceramic Disc Finish
- Adjustable side and base angles

Your benefits:

- Visually perfect base edge from tip to tail
- Ideal addition to the disc module
- Optional adjustment cog to get the best results when using the disc and polishing modules together

Options for individual requirements.

You can customise your Scout with the following available options.



Performance package.

The oscillating grinding stone in the performance package provides for a longer service life. The extended change and dressing intervals achieved, as well as faster feed speed, increase throughput and save money.

Structure package.

The structure package offers you a wide variety of structures for all your requirements – center related, twin and variable structures.



Support package.

Easy and practical: The support roller and drip tray ensure a clean working environment. Once work is complete the ski is cleaned with compressed air using the air gun.

Flexible clamping cylinders.

The flexible clamping cylinders add the finishing touch to the high quality structures due to optimised pressure distribution.

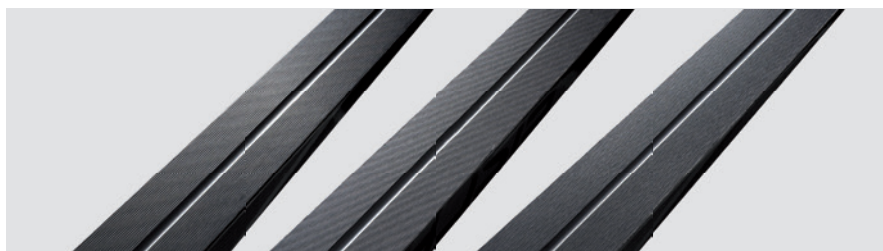


Efficient belt filters.

Belt filters ensure constant and even cleaning of the grinding water. The grinding residues are deposited in the waste receptacle for easy disposal. The advantages: no downtime, grinding water can be used for longer periods, and it offers user-friendly and ergonomic working environment.

Grinding fluid cooling.

Grinding fluid cooling ensures even temperature control of the grinding water and thus consistent grinding conditions.



Many structure options for alpine and cross-country skis.

Performance, efficiency and impressive technology for unbeatable ski servicing.

With the Scout, you can rely on the world-renowned expertise of an Austrian special machine manufacturer with more than 20 years of experience in automation and over a thousand machines sold worldwide.

By investing in a Scout, you will see a noticeable improvement in your servicing processes:

- Around 50 % reduction in personnel hours compared with manual machines
- Higher throughput thanks to automated servicing process and significant reduction in manual handling
- Consistent grinding quality and reproducibility, regardless of operating personnel
- Multiple storage settings of tuning programs.



From Alpine skiing to cross-country skiing, with our equipment you'll be ready for anything.

Sports equipment dimensions	
Min. – max. ski length	90 – 215 cm
Min. – max. ski width	45 – 170 mm 155 – 170 mm (stone processing only)
Min. – max. CC ski length	90 – 215 cm
Min. – max. CC ski width	35 – 70 mm



The Scout features a special mode that supports the servicing of cross country skis with push-off zone (e.g. scaled ski).

Here's what our customers have to say.

What our delighted customers, who already use the Scout, say:

“We used to use a manual machine. But with the Scout I am able to do what was previously a two-person job on my own.”

“I am very pleased that the workshop is now quieter and cleaner as a result of the enclosed design.”

“Its compact design and the option of placing the machine against the wall means there is space for the Scout in my small workshop.”

Scout

Figures. Data. Facts.

Technical data	
Stone module	
Grinding stone	Ø 300 x 200 mm
Grinding stone speed	200 – 1200 rpm
Ski grinding stone force	max. 350 N
Dressing speed	3 – 35 mm/sec
Disc module	
Disc	Ø 154 x 40 mm, optional for children's skis Ø 150 x 40 mm
Disc grinding speed	1500 – 4500 rpm
Grinding angle side edge setting	87° - 89° **
Grinding angle base edge setting	0.5° – 1.5° **
Disc grinding force	30 – 75 N
Polishing module	
Polishing disc	Ø 250 x 65 mm
Polishing disc speed	400 – 1700 U/min
Polishing disc inclination	0,5° – 0,75°– 1,0° – 1,25°– 1,5° – 2,5°
Polishing disc force	30 – 75 N

* With performance package

** Bolt with 8 fixed angle combinations

We reserve the right to make technical alterations.



Stone / s



Disc / d



Polishing / p

Scout

Figures. Data. Facts.

Technical data		Scout sd		Scout sdp	
Weight	Approx. 1475 kg (3,252 lbs)		Approx. 1820 kg (4,012 lbs)		
Coolant tank volume	225 litres (59.5 gallons)		225 litres (59.5 gallons)		
Belt filter (optional) performance	60 l/min (16 gal/min)		60 l/min (16 gal/min)		
Air requirement	Approx. 250 l/min at 7 bar (66 gal/min at 7 bar)		Approx. 250 l/min at 7 bar (66 gal/min at 7 bar)		
Noise emission	73,1 dB (A)		73,1 dB (A)		
Supply voltage	3/N AC 400 – 415 V, 50 Hz	3 AC 208 – 220 V, 60 Hz	3/N AC 400 – 415 V, 50 Hz	3 AC 208 – 220 V, 60 Hz	
Rated current	11.4 – 12 A	17.7 – 18.4 A	14.2 – 15.1 A	22.3 – 23.0 A	
Min./max. fuse protection	20 / 32 A	25 / 30 A	20 / 32 A	25 / 30 A	
Connected load	6.4 – 6.6 kW	6.4 – 6.6 kW	7.5 – 7.7 kW	7.5 – 7.7 kW	
Feed speed	5 – 10 (12*) m/min		5 – 10 (12*) m/min		
Max. capacity (pairs of skis/hour)		15 (20*)			

* With performance package
 We reserve the right to make technical alterations.

Scout sd



Scout sdp



Victories are developed in the mind. And with WINTERSTEIGER.

WINTERSTEIGER is the world market leader in service and rental solutions for the entire ski and snowboard sport. Sport shops, rental stations, well known ski and snowboard producers as well as leading ski federations trust in the system solutions and first class service from WINTERSTEIGER.

WINTERSTEIGER develops innovative system solutions for the rental and service of ski and snowboards. With this we concentrate highly on and take into consideration the various needs of our customers as well as recognizing the trends early enough to allow them to be brought into the product development.

With this strategy WINTERSTEIGER has established itself as competent partner in the planning and development of service work shops and rental stations. We accompany our customers starting with the evaluation of customer needs, the planning, financing solutions, trainings, personnel leasing, professional marketing support, all the way to our reliable after-sales-service.

The RENT & SERVICE product range at a glance:

- Fully automatic service stations
- Base and edge grinding machines
- Racing service machines
- Base repair and binding setting devices
- Waxing machines
- Rental software
- Rental, depot and drying systems
- Shop furniture
- Accessories

The RETAIL product range at a glance:

BOOTDOC

- Analysis & fitting
- Insoles
- Foam liners
- Power Fit Socks
- Fitting tools and equipment

HOTRONIC

- Heat socks
- Heating systems and mobile drying solutions



WINTERSTEIGER. A Global Player.

WINTERSTEIGER AG is an international machinery and plant engineering group. Founded in 1953, it has gradually established itself as a leading provider of innovative solutions for customers in technically sophisticated niche markets. The business fields of the company consist of:

■ SEEDMECH

- Turnkey solutions for plant breeding and research

■ SPORTS

- One-stop supplier for ski and snowboard rental and servicing
- Systems for hygienic drying of sports goods and work clothes
- Custom solutions for feet

■ WOODTECH

- Process solutions for precision thin-cutting, wood repairs and cosmetics
- Saw blades for wood, food, and metal
- Machines for mobile and stationary sawmills
- Plants and automation solutions

■ METALS

- Levelling technology machines and systems



Headquarters at Ried im Innkreis, Upper Austria

Success begins with the right decisions.
At the right time. We look forward to you!



 **First Class**
WINTERSTEIGER
Ski & Board Tuning

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