



Automated service machines

Scout

 **WINTERSTEIGER**
Thinking about tomorrow.



Scout

Compact, automated service station for skis

Small service workshop, but big automation dreams? You can use the WINTERSTEIGER Scout service station to replace cumbersome manual work with automation technology – even in the smallest of spaces. It has a compact design and comes equipped with proven WINTERSTEIGER Ceramic Disc Finish, ensuring that your Scout service station will provide a high-performance ski service while making your business stand out.

Scout

Efficiency in a compact space

Compact yet powerful, the Scout service machine from WINTERSTEIGER is a real powerhouse. See for yourself just how high performance it is despite its smaller dimensions! Cleverly designed, it takes up minimal space yet still competes with the big players among the ski service machines in terms of performance – the ideal way to conserve resources while taking your tuning to the next level.



Advantages for you:

- Space-saving machine design.
- Increased throughput.
- Reduced staffing needs.
- Flexible clamping cylinders for a suction-less ski feed system.
- Integration of the proven Ceramic Disc Finish.
- Consistent edge quality.
- Reproducible grinding results.
- User-friendly interface ensures simple operation and rapid staff onboarding.

Highlights

- **Low active space requirement**
Can be set up or placed directly against a wall
- **2 model variants**
Scout sd & Scout sdp
- **2 feeding variants**
Manual, individual loading as standard, optionally also in pairs
- **3 equipment packages**
Can be configured as required thanks to individual performance, structure, and support options
- **Suction-less feed system with flexible clamping cylinders**
The proven WINTERSTEIGER feed system guarantees even pressure distribution, regardless of ski length
- **Ceramic Disc Finish**
 - Precise racing quality side and base edge tuning over the entire length of the ski
 - Simple manual angle adjustment
- **Closed machine system**
Low-noise processing, all water contained, and greater safety for personnel
- **Intuitive operation**
 - Including predefined basic settings to speed up training
 - Modern user interface



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Integrated processing modules

Depending on the Scout model, there is a choice of three modules that enable you to customize your service machine to your exact needs.

Stone module – structure is everything



Are your customers looking for an incomparable skiing experience with an optimal glide? The 200 mm (7.9") stone module creates the basis for this, with a shorter diamond dressing distance, it provides a consistent, high-quality base structure.

Disc module – edges like a pro



Do you want the edges to be perfect? Ceramic discs provide a higher quality, more precise edge than a belt. Consistent and precise.

Polishing module – the finishing touch



Grinding is followed by polishing for the ultimate in smooth, performance enhancing glide. Integrated in the Scout sdp model, the polishing module smooths the edges right up to the tip of the ski.

Options for individual customization requirements

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 – margin grinds, twin, and variable structures.

Support package

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

Flexible clamping cylinders

The flexible clamping cylinders give your tuning a customized approach with optimized pressure distribution across the length of the ski.

Grinding fluid cooling

The use of grinding fluid for cooling ensures even temperature control to create consistent grinding conditions across each individual tune and throughout the life of the stone.

Efficient water filtration

The optional belt filter module ensures improved cleaning of the grinding emulsion with easier clean up and removal of filtered debris, allowing the grinding residues to be treated as solid waste for easy disposal. The advantages: no downtime, grinding emulsion can be used for longer periods, and a user-friendly and ergonomic working environment.



Technical data

	Scout sd	Scout sdp
Weight	ca. 1475 kg (3252 lbs)	ca. 1820 kg (4012 lbs)
Coolant tank volume	225 Liter (59 gal)	
Belt filter (optional) performance	60 l (16 gal) /min	
Air requirement	approx. 250 l (66 gallons) /min at 7 bar	approx. 400 l (160 gal) /min with draining function
Noise emission	73,1 dB (A)	
Supply voltage	3/N AC 400 – 415 V, 50 Hz	
Rated current	11,4 – 12 A	14,2 – 15,1 A
Min./max. fuse protection	20 / 32 A	
Connected load	6,4 – 6,6 kW	7,5 – 7,7 kW
Feed speed	5 – 10 (12*) m/min	5 – 12 (15*) m/min
Max. capacity (pairs of skis/hour)	15 (20*)	17 (25*)

Stone module

Grinding stone	Ø 300 x 200 mm
Grinding stone speed	200 – 1200 U/min
Ski grinding stone force	max. 350 N
Dressing speed	3 – 35 mm/sek

Disc module

Disc	Ø 154 x 40 mm, optional for children's skis Ø 150 x 40 mm
Disc grinding speed	1500 – 4500 U/min
Grinding angle, side edge	87° - 89° **
Grinding angle, base edge	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 polishing force	30 – 75 N

*With performance package. **Bolt with 8 fixed angle combinations. We reserve the right to make technical modifications



