

The Service Center for the Future SF-1

After intensive research and design Reichmann provides a fantastic service robot. The grinding center SF-1 was especially built for rental shops and sport stores with high service numbers. An huge output per hour leaves the robot - with perfect base grind, edges tuned by HQT, finished with a high grade wax and base polish. The SF-1 brings consistent quality, high output, and perfect tuning all within one machine.

Constantly, fast service results

The SF-1 is a self-loading, fully automated tuning system period. Skis are transported from a loading rack into the machine where they are belted, followed by a stone pre-grind, and then a finish grind to the desired structure. Edges are then simultaneously tuned using the Reichmann HQT system (Side edge and base edge sharpening and polishing). Skis then travel through waxer and polisher and then automatically feed to the unloading carousel, all at a high rate with a minimal worker input.

Innovative technology

The newly developed, revolutionary feeding system by Reichmann combines gentle feeding at a high output rate with independent modular tuning using only the desired functions. A 12"-large, high-resolution touch panel enables simple and effective operator guidance. Built within the machine is a remote diagnostic system accessible through the internet for the highest availability of service and continued production.

HQT



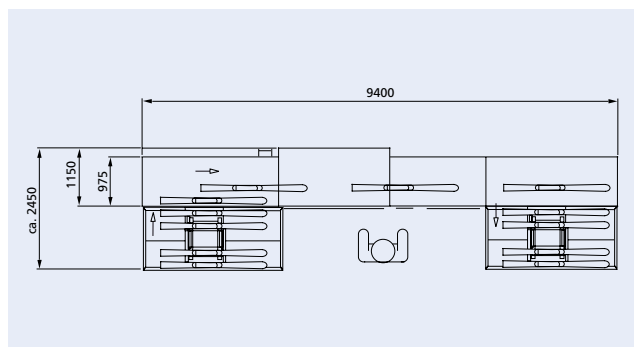
Feeds up to 24 skis at one time via the integrated paternoster



Innovative "one way"-transportation of ski due to fixation arms



Automatic charging with machine added, accurate centering of ski



Layout SF-1

TECHNICAL DATA SF-1

Dimensions (L x W x H) in mm	9400 x 2750 x 2500
Weight in kg	12000
Connecting voltage	400 V, 3 PH/N/PE, 50 Hz
Connecting plug	CEE 63A 5-pol.
Connecting power in kW	23
Coolant tank approx. in l	520
Compressed air connection in bar	6
Grinding stone in mm	Ø 300 x 200
Sanding belt in mm	200 x 1500
Tuning wheel in mm	Ø 250 x 80
Disc wheel side edge in mm	Ø 154 x 25
Space requirement	approx. 26 sqm
Control unit	SPS with large 12" touch screen
Minimum requirement compressor	250 l tank; 1100 l/min and dryer

ACCESSORIES SF-1

Description	Article number	Page
Ceramic scraper	750345	26
Corundum grinding stone	750250	26
Sanding belt 200 x 1500 mm		30
Grain 80	400848	
Grain 100	1032851	
Grain 120	400589	
Side edge ceramic tuning wheel	1023989	29
Ø 154 x 25 x 24 mm		
Base edge tuning disc	1032393	29
Ø 250 x 80 mm		
Grinding stone	1031973	28
Ø 300 x 200 mm		
Structure grinding stone	1036075	28
Ø 300 x 200 mm		
Emulsion	750331	26
Dresser for tuning discs	401098	29
HQ Dresser	1014936	28
Compressor with dryer RDSK	1037587	25
One-hand grease gun	750289	26
Grease cartridge	100067	26
Roll filter paper	1038438	26
Waxing belt 200 x 472 mm	1035317	32
Waxing brush Ø 129 x 200 mm	1035318	32