



Light, stable, safe and durable – inspired by the power of nature. Designed with an inventive spirit and manufactured with world-renowned Swiss precision.

## «Keep things simple. Anyone can do complicated.»

Hermann Wehrli, founder and owner of Selun AG, has adopted this principle during his technical career.

The Selun ski binding was developed from the desire to raise the pin binding to a completely new level.

Hermann Wehrli has been a passionate ski tourer for over 40 years and is an expert on the various brands of touring bindings. He recognised the potential of the pin binding early on and was one of the first users to opt for this revolutionary system.

After three years of intensive testing on different continents, carried out by wellknown personalities from the ski and touring scene, the Selun Swiss binding is ready for use.

A highlight: crossing the Greenland ice sheet (a distance of over 600 kilometres) – on skis, with heavy sleds in tow – and without any incidents. Even Robert Peroni, a pioneer of inland ice, applauded the extraordinary performance

A real challenge: the Chilean volcanoes, which are particularly suitable for testing bindings in tough conditions. From extremely steep descents in hard cauliflower ice to beautiful firn passages, different types of snow have to be traversed, depending on the altitude. Abrasive volcanic ash, which is particularly damaging to the material, is also often to be expected.

Sporty greetings from Toggenburg

Selun AG

Hermann Wehrli Owner & CEO In the heart of eastern
Switzerland, nestled between
the impressive Churfirsten
and the Alpstein, lies the
picturesque Toggenburg.

## Swissness, tradition and innovation – where the Selun binding is at home.

The majestic peaks of the Churfirsten, which proudly tower over the gently rolling hills, are not only the region's landmark, but also a symbol of home and stability. Even from a distance, they convey the feeling of having arrived – like the products that are manufactured here.

In Gähwil, in the middle of this unmistakable environment, the innovative Selun ski touring pin binding is created.

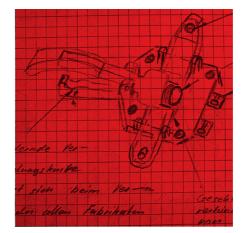
Wecotech AG is an entrepreneurial technology cooperation with its headquarters in Switzerland.

The vision of the founder, Hermann Wehrli: to develop technical innovations and to keep things simple with ingenious ideas.

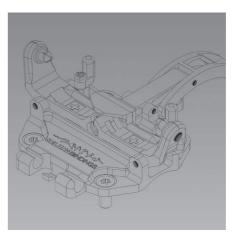
The high level of vertical integration, including the latest technologies and innovations, arises from the irrepressible will to be hands-on and to lead projects to success.

Wecotech works as a family; employees appreciate the clear structures and the flat hierarchy.

The dedication to technology, the commitment to specialisation, and the dedication to always creating things for the benefit of the customer, has brought Wecotech recognition and success around the globe for over 30 years.

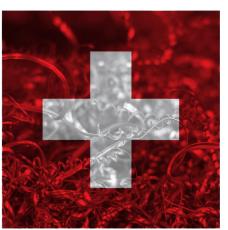














### A230G: the name says it all

Aluminium, 230 grams light, incl. stopper

Stability through wide arrangement of mounting screws

Optimum power transmission on wide skis

Safety thanks to adjustable Z-values

Adjustable Z-values for front and torsion release

Light and stable thanks to high-strength aluminium

Made of high-strength aircraft aluminium, CNC milled directly from solid

A climbing aid with optimal ergonomic design

Four-stage climbing aid for comfortable walking on any terrain

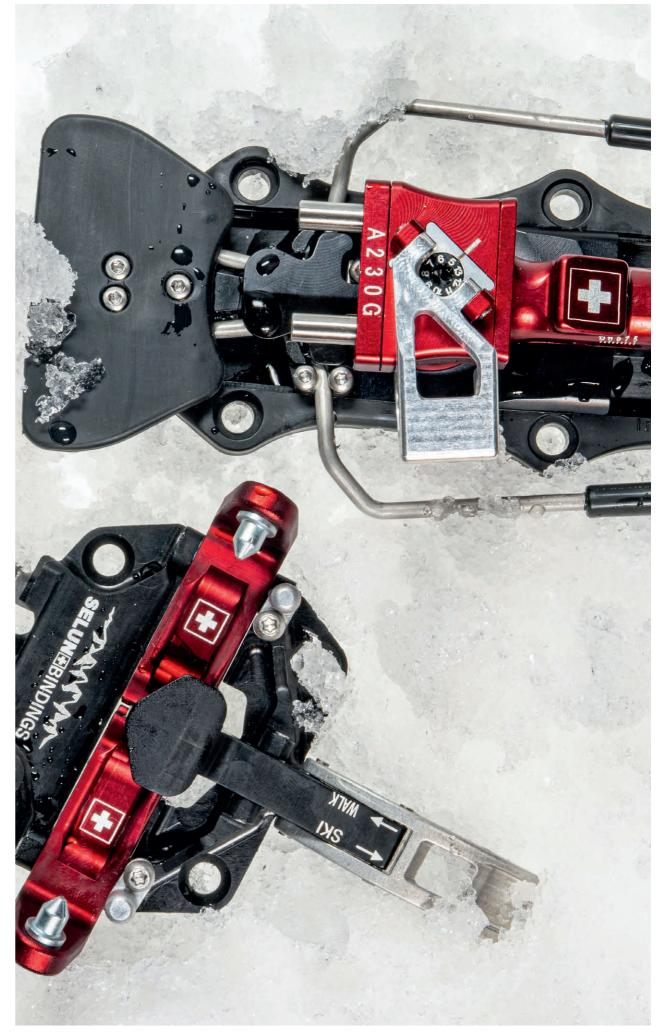
The Selun A230G is made of high-strength aluminium. The alloy, developed for aircraft construction, withstands extreme cold and bending loads.

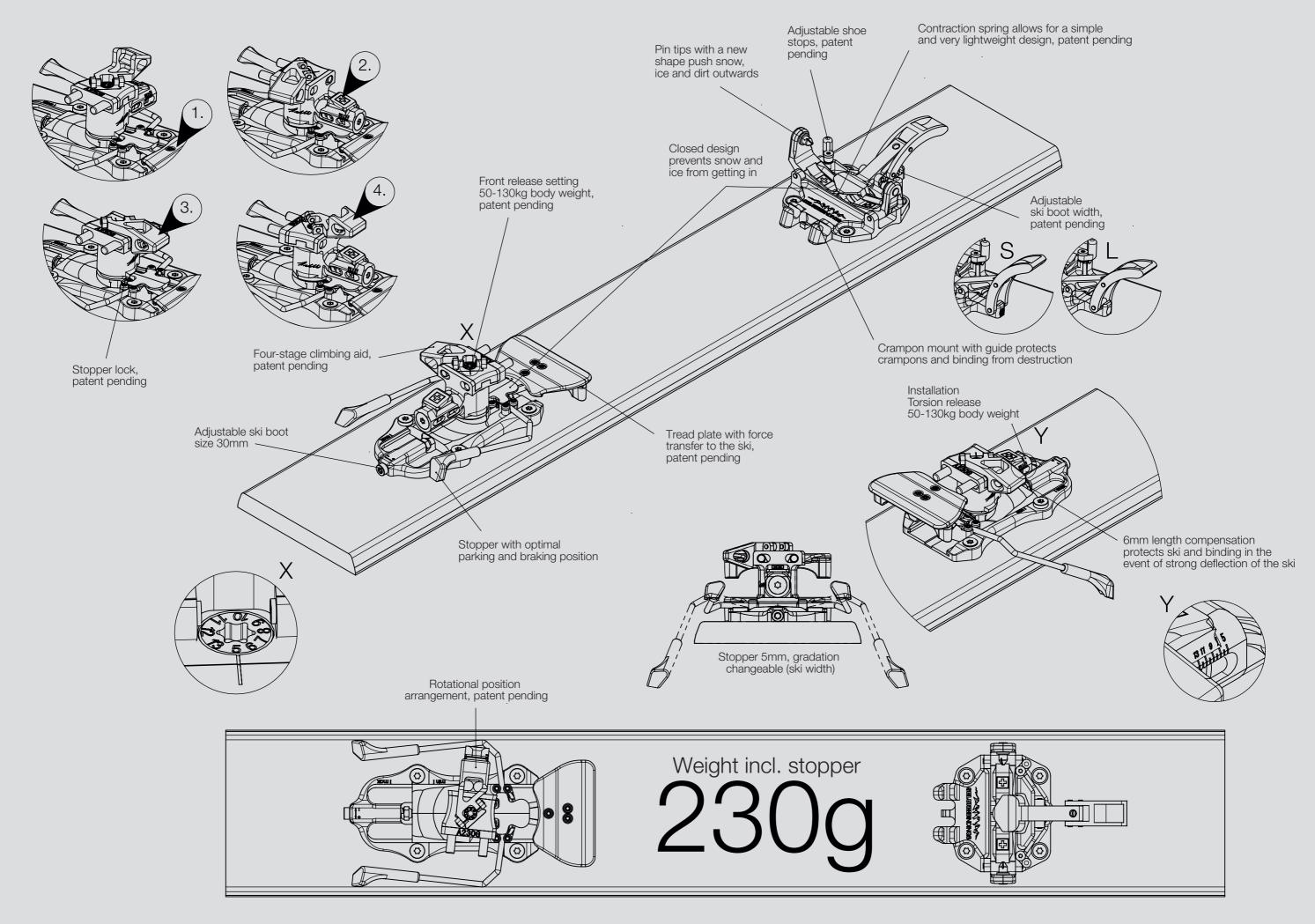
The ingenious design, with a focus on reducing weight while even improving stability and performance, results in the lightest pin binding with adjustable Z-values for front and torsion release.

Wide hole spacing for mounting screws optimally transfers forces to wide skis

The stable lightweight construction offers maximum performance for a wide range of users.

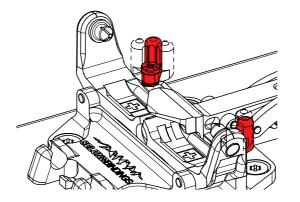
Through endurance tests in the laboratory and countless tests in the mountains, the Selun A230G has matured into a first-class product that will give the user many years of pleasure.





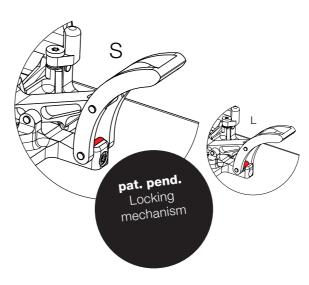
Discover the new ski touring pin binding precision and innovation from Switzerland





### An easy start

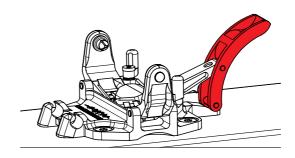
Adjustable stops for any shoe brand, which help to hit pin tips effortlessly when getting in.



### Adjustable lock in the walk position

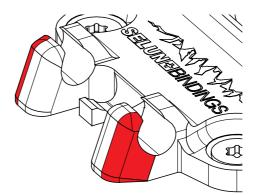
The adjustable locking mechanism adapts to all makes of ski boots. The holding force when walking on steep traverses with wide skis is of central importance.

With the adjustable locking force, the binding front is adapted to the needs of the ski tourer.



### **Ergonomic unlocking**

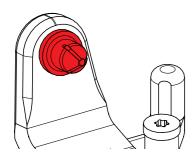
The very flat locking lever means that unlocking while on steep slopes is very easy, whether with the ski pole tip, with skis and ski boots, as well as by hand.



### **Optimally shaped crampon mount**

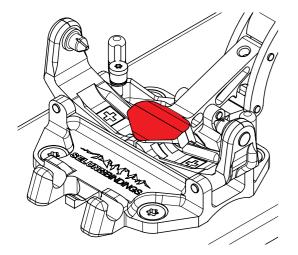
For example, spokes on the crampon mount guide crampons that are too wide, and which can move sideways, to the centre with each

This prevents the destruction of the cram-pons and crampon mount.



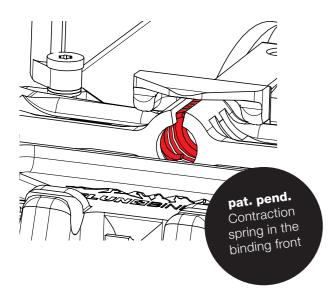
### Pin tips with a new shape

The pin tips have grooves shaped in a new style that push snow, ice and dirt outwards.



### **Closed design**

The closed design of the binding front prevents snow and ice from getting in. This maintains the functioning of the binding front at all times, even in adverse conditions such as snow drifts and extreme cold.



## Contraction spring in the binding front

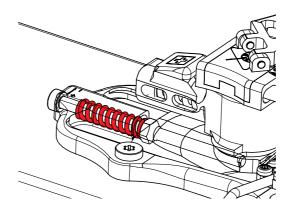
At the heart of the binding front is the groundbreaking new development that makes the difference: the contraction spring between the toggle levers simultaneously functions a spring element and a pivot joint.

The simplicity of this design convinces through the reduction in the large number of components and saves weight like no other.



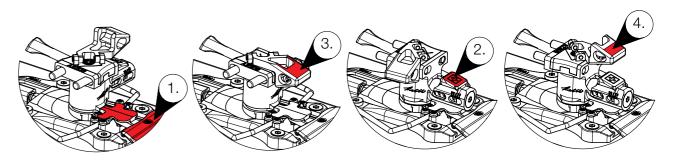
In our region, which combines tradition and innovation, we create a product that meets the highest standards.





### Longitudinal adjustment and springloaded length compensation

The guide carriage, for up to three ski boot sizes, is equipped with a spring-loaded length compensation of around 6mm + 4mm. In the event of large deflection (skiing over troughs), the length compensation protects the ski and binding from overstressing.



### Four-stage climbing aid

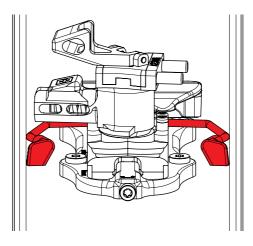
The Selun A230G offers four options for different terrain steepness.

Level 1 directly on the stopper tread plate, which is very low and close to the ski, thus allowing a very long step in flat terrain.

Level 3 pivots for steep passages.

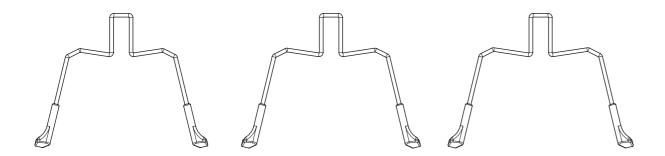
Level 2 is the universal climbing aid used by experienced tourers in steep and flat terrain. The moderate height allows a relatively long step and still provides support in steeper terrain.

Level 4 pivots for very steep passages.



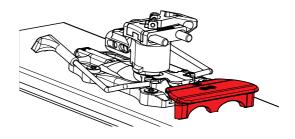
## Stopper with optimal parking position

The stopper is pulled together in the parking position high above the ski so that movement is not hindered by interfering edges when walking and skiing downhill.



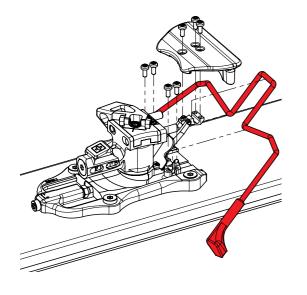
### Stopper 5mm, gradation

Stopper brackets are available in fine 5mm increments for the various ski widths. The Selun A230G fits perfectly on any ski between 80mm and 110mm wide behind the heel.



### Stopper tread plate with power transmission

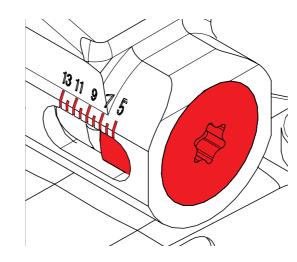
The cams on the tread plates transfer forces as widely as possible directly from the sole of the ski boot to the ski, massively increasing skiing performance.



### Easy to replace the stopper bracket

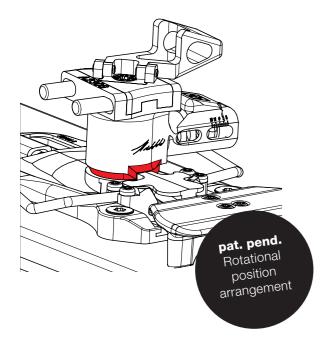
The stoppers are mounted on the binding at the factory.

The stopper brackets are very easy to replace.



### **Z-value setting for torsion release**

The Z-value is easily adjustable from 5 = 50kg body weight to 13 = 130kg body weight.

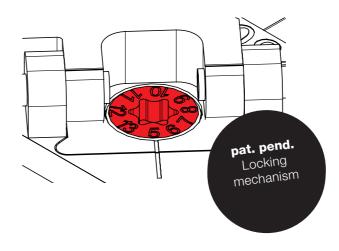


### **Rotational position arrangement**

To lock the stopper in the parking position, turn the heel head.

By turning the heel head in the downhill posi-tion, the stopper automatically snaps down (the tread plate goes up).

The ingenious design prevents incorrect manipulation and makes a decisive contribution to safety when touring.



### **Z-value setting for front release**

The locking mechanism in the heel binding, which is impressive in its simplicity, allows for a compact and very lightweight design. With the arrangement of the spring in the centre of the pivot point, a ground-breaking innovation has been achieved.

The Z-value is easily adjustable from 5 = 50kg body weight to 13 = 130kg body weight.

### Selun A230G RED

### **Z-value 5-13 with stopper 80/85/90/95/100/105/110**



## Selun A230G BLACK EDITION

### **Z-value 5-13 with stopper 80/85/90/95/100/105/110**



## Selun A230G L-PURPLE

### Z-value 3-11 with stopper 80/85/90/95/100/105/110



## Selun A230G A-NO LIMIT GOLD

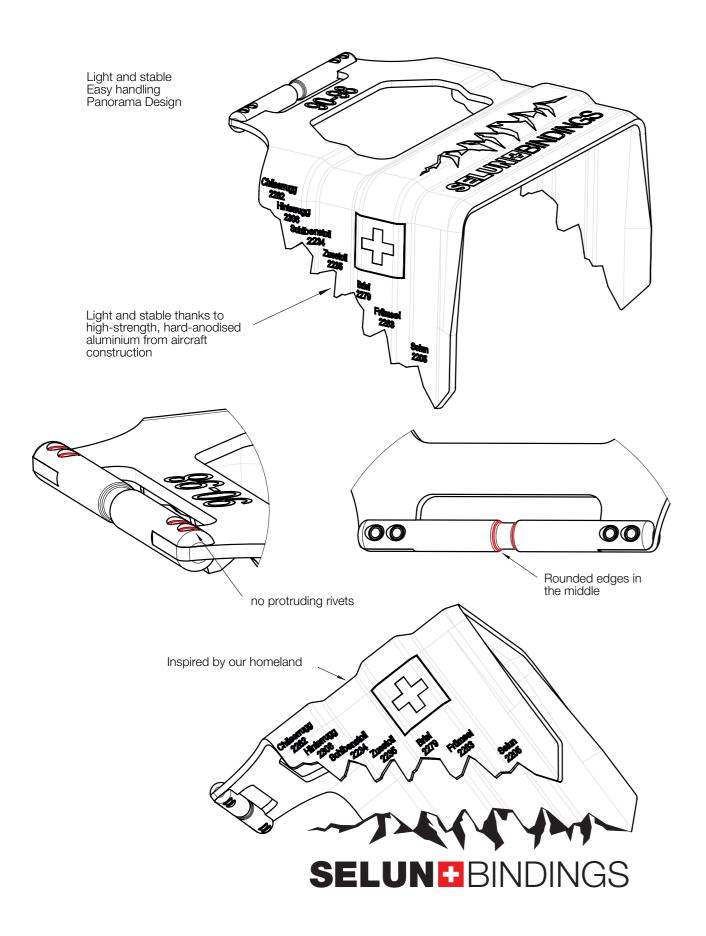
### **Z-value 7-15 with stopper 80/85/90/95/100/105/110**



· High Z-values:

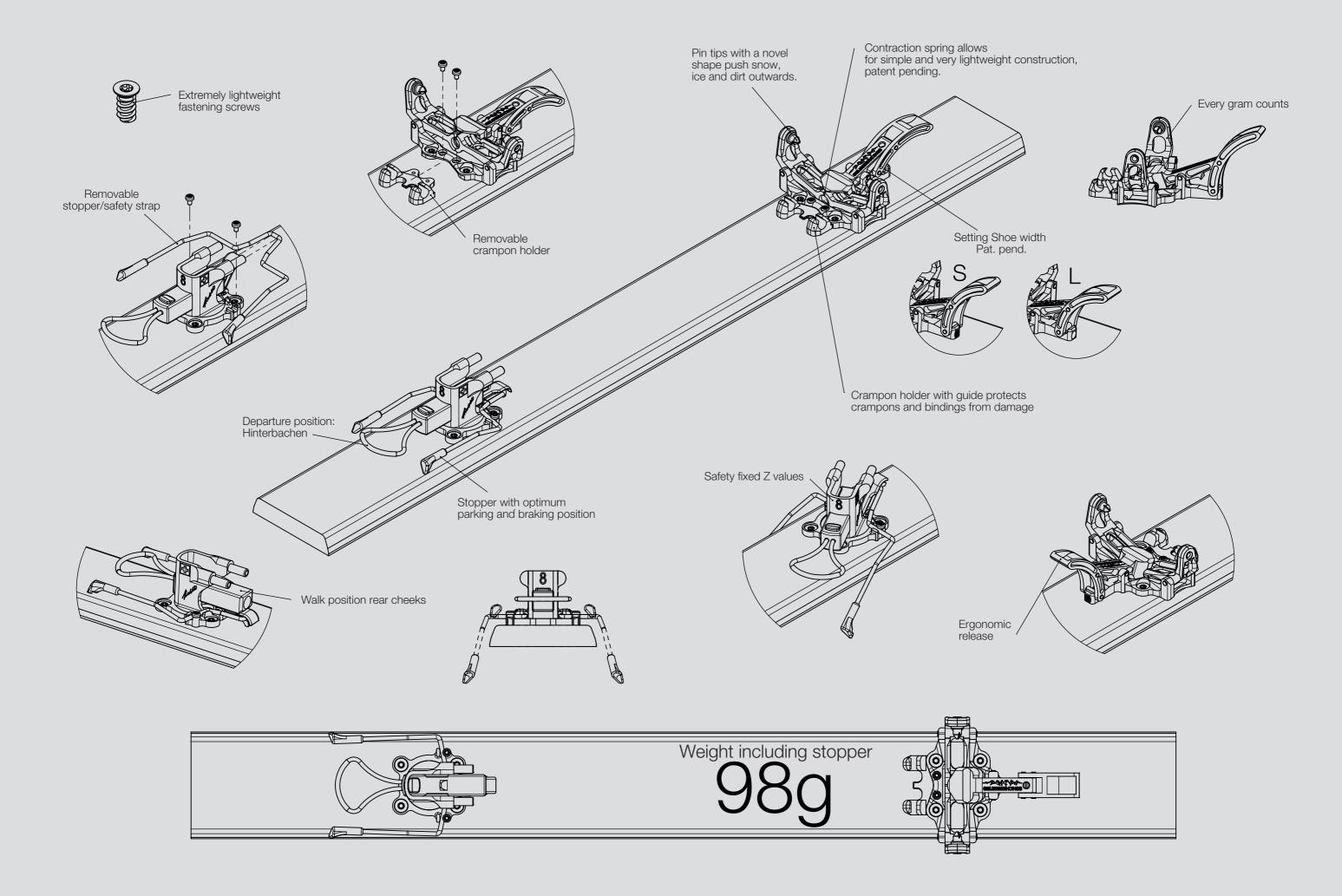
The binding is developed for the highest demands at the limit of what is possible. The golden NO LIMIT is aimed at extreme and off-piste skiers as well as mountain and ski touring guides for daily hard use.

# Crampons in Panorama Design



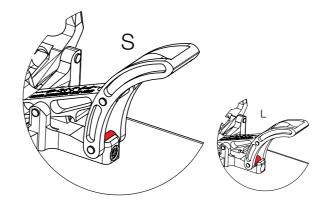






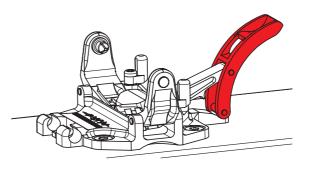
Selun Race 98 –
Stability and functionality in tough racing conditions guaranteed at all times.





## Adjustable locking mechanism in walk position

The adjustable locking mechanism adapts to all makes of touring shoes. The adjustable secure holding force is of central importance in the race.



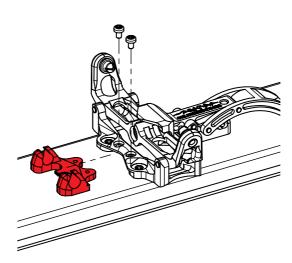
### **Ergonomic unlocking**

Thanks to the very flat locking lever, it can be unlocked very quickly during the race by stepping on it with skis or touring boots or by hand.



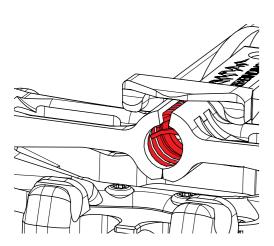
## Every gram counts – but so does safety

FEM analysis has optimized the weight of every single component of the race binding to guarantee stability and functionality in tough racing conditions at all times. (Picture of FEM analysis) (Pictures of all weight optimizations) With heavy steel components, the weight savings are considerable.



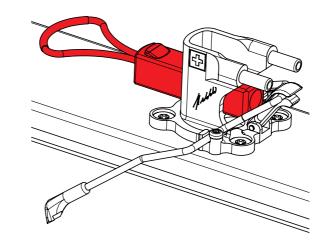
### Removable crampon bearing

The crampon bearing can be fitted or removed depending on the conditions.



## Contraction spring in the binding front

At the heart of the binding front lies the ground-breaking new development that makes all the difference. The contraction spring between the knee levers is both a spring element and a pivot joint. The reduction of many heavy steel components results in an unbeatable weight reduction. The contraction spring generates gentle friction in the swivel joint, which holds the ski boot securely in position during the descent.



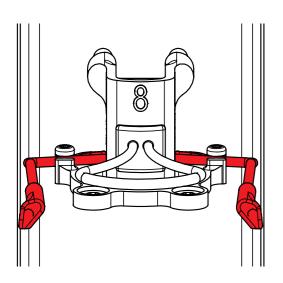
### **Downhill position rear toe**

By pulling hard on the slider loop, the slider unlocks, snaps back and releases the pins for the downhill position.

#### **Safety fixed Z-values**

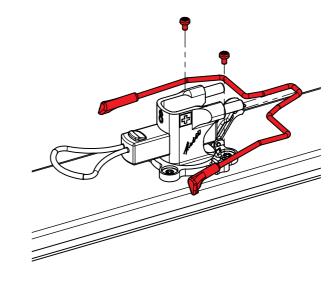
The Race 98 is available with 3 different fixed Z-values for torsion and front release.

Z-value 6	athletes	up to 60 kg
Z-value 8	athletes	up to 80 kg
Z-value 10	athletes	up to 100 kg



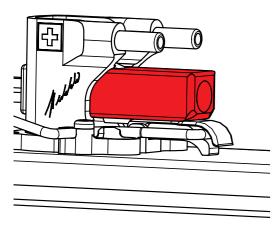
### Stopper with optimum park position

The stopper is retracted into the park position over the ski so that no components protrude outside the ski edges. The ingenious design prevents falling over due to hooking on stopper feet.



### **Removable stopper Leash**

The stoppers are easy to remove. The binding can be used naked without stoppers, or the stoppers can be replaced with leashes.



#### Walk position rear jaw

With the slide lock, Selun has succeeded in developing another ground-breaking innovation that differs significantly from the state of the art. The slider is moved forward with one hand, the stopper is brought into the park position and the slider is locked in the walk position. The minimal climbing aid allows a step that is at least 3 cm longer than with conventional race bindings, the summation of the steps allows athletes with Selun Race to reach the finish line several hundred meters ahead of their competitors. Thanks to the step position between the heel pins, the touring boot is additionally fixed against lateral forces with every step and provides safety on downhill sections with skins during the ascent.



## Extremely lightweight fastening screws

The fastening screws made of high-strength light metal are the ultimate argument in favor of the Selun Race 98.



## Selun Race 98 GREEN

**Z**-value 6, 8, 10 with stopper 65





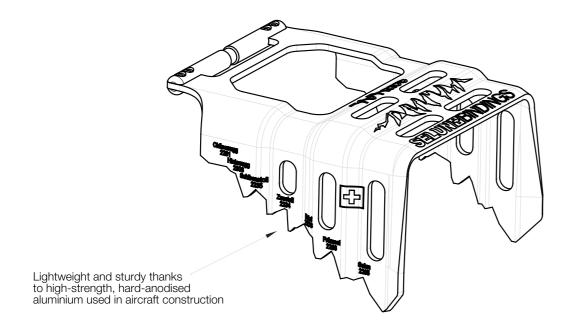
## Selun Race 98 RED

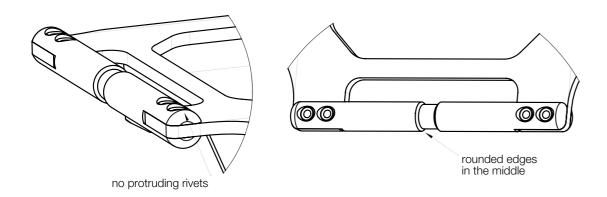
Z-value 6, 8, 10 with stopper 65





### Race crampons Lightweight and sturdy Panorama Design







#### Sustainability

The user comes first. A good product, combined with first-class service, should provide long-lasting enjoyment. Short distances and careful use of resources protect the environ-ment during all production pro-cesses at our factory in Toggenburg.

## Made with care and passion for all who love nature. At Selun, the user comes first.

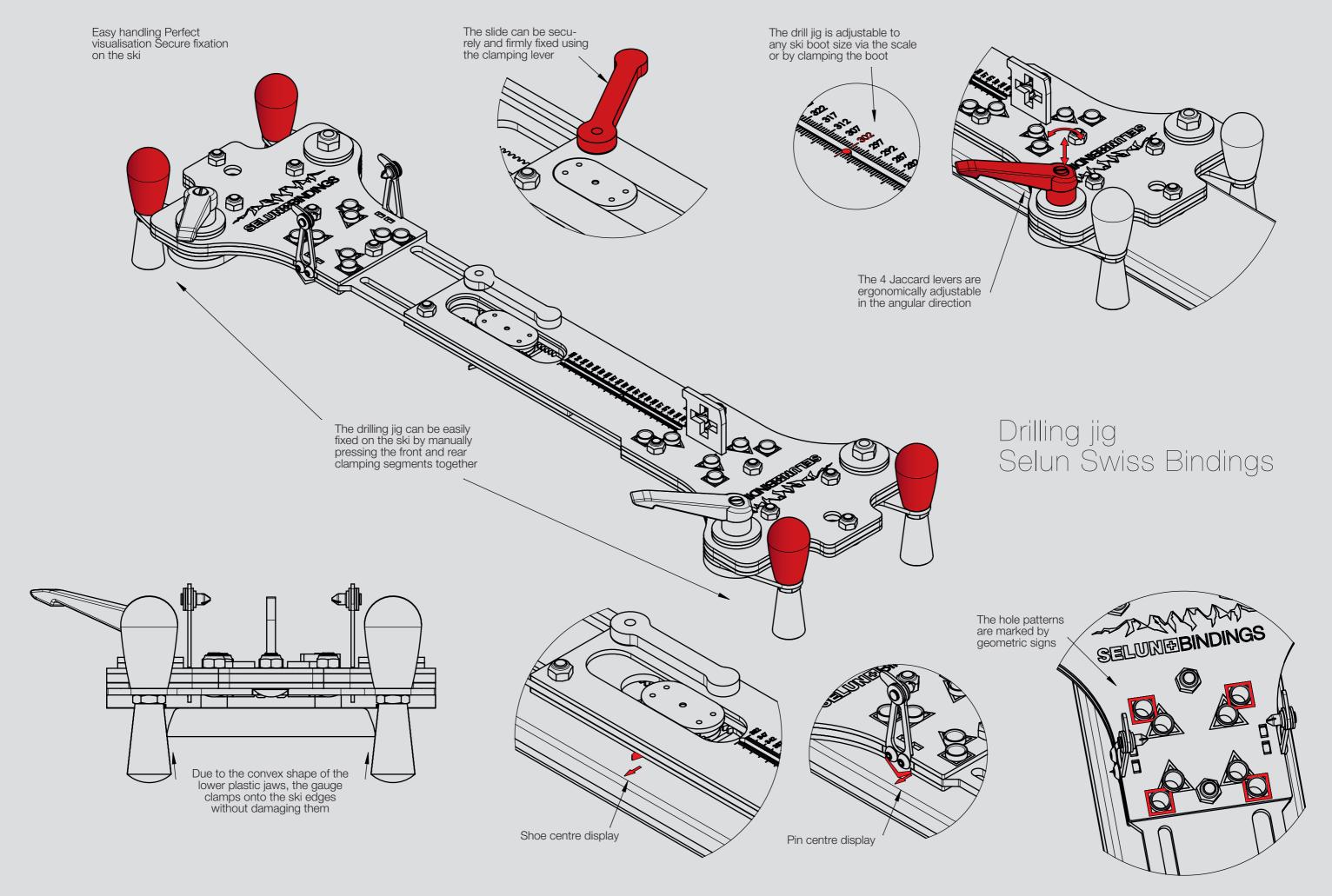
A good product should be useful and enjoyable – and over an extended period of time.

Cheaply produced disposable products contradict this philosophy, because things that have no value pollute the environment and aren't used for long. A high-quality product can and should have its price, because it will do its job reliably for years.

Production is as environmentally friendly as possible: with short distances, energy-saving processes and minimal waste.

But a good product does not end with the sale. Every customer deserves first-class service, because even the best technology can fail.

A comprehensive customer service that provides fast, reliable assistance is therefore an essential part of our responsibility.















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