



Product Knowledge Document  
Fall 2021

## SCARPA



**Innovation and tradition** share equally deep roots at SCARPA, which to this day remains a **family owned company** with its headquarters and performance footwear manufacturing facilities in the same regions of northern Italy where it got its start in **1938**.



In **1956**, Parisotto and three of his brothers, bought SCARPA and **the business quickly grew under their leadership**. In the late 1950s, word about SCARPA's quality began to spread more widely outside the Montebelluna region and they attracted clientele from many other parts of northern Italy. Today, the company is directed by the new generation of the Parisotto family.



The headquarters and shoe manufacturing facility are **located in the northern region of Italy**, the foothills of the Dolomites, in the Asolo region.

In 2005, SCARPA opened its **North American headquarters in Boulder, Colorado**.

## SCARPA



The majority of the products are **produced in the Italian factory**. SCARPA develops the best mountaineering, trekking, hiking, alpine running, climbing and skiing shoes.



SCARPA NA's offices and distribution center are powered by **wind energy** through the 100% Windsource program, Green-e Energy.

SCARPA's headquarters in Asolo, Italy, gets 60% of its energy from **solar energy** on the roof and the **heat from the production processes is recirculated to help heat the building** itself.



For more than 80 years in our history, SCARPA **has never laid off an employee** or gone on strike. We participate in and encourage **employee volunteer efforts** with local parks and non profit organizations (more than 200 hours per year).

## Product categories



Ski



Rock Climbing



Mountaineering



Hiking



Alpine Running



Lifestyle

## Rock Climbing



### Materials



SCARPA's proprietary rubber, designed to **deliver a balance of performance and resilience** to the demands of a new climber's unpracticed feet. **Tacky, durable, and reliable** across a range of indoor and outdoor uses.



Exclusive to SCARPA, S-72 rubber is the result of our close collaboration with Davos, a premium Italian rubber manufacturer. S-72 has been formulated with a lower durometer to deliver **increased surface contact** and **ultimate adhesion** while still maintaining **great durability**.



**Vibram® XS Grip 2** delivers **excellent friction** with enough **firmness** for moderate edging.

**Vibram® XS Edge** provides **maximum edging support** and delivers **good grip** while adding improved firmness for the most challenging edging moves.

**M70**  
RUBBER

**M50**  
RUBBER

**M50** is our **softest rubber** compound offering the best levels of adaptability to the natural curves of the foot and toes. A rating of 50, making it perfect for use in our SRT system, toe patches and strategic positioning around the shoe upper.



**D2** is a **fusion of two rubber compounds**. M50 and M70, avoiding overlapping. It combines the adaptability of M50 with the containment and precision of M70. The combination is perfect for use on toe rands and above the toes.



The **Ceramic Microsuede** material is a synthetic microfiber with ceramic particles. It is a thinner material that is **very resistant to abrasion**.



**Eco leather** is produced with significantly reduced water use and by renewable energy; used in some climbing shoes

## Technologies



**PAF** is an innovative heel system that helps **both spread the force of the heel tension and increase the fit of the heel**. The aggressive tension-rubber is interrupted behind the heel to reduce pressure on the Achilles tendon and connected with softer rubber, that works like a bridge and allows full adaption to the shape of the heel. **The holes on the side indicate the tension applied**, which varies between 1 hole for light tension, 2 holes for mid tension and 3 holes for strong tension.



**Active Randing** systems use rubber bands that wrap around the shoe in different configurations to **support the climbers feet**. They are stretched to engage, disengage and to support the foot, storing and releasing energy.

Tension systems : **IPR, X, DTS, V, PCB, TRI, BI, IPC and Passive Randing**.



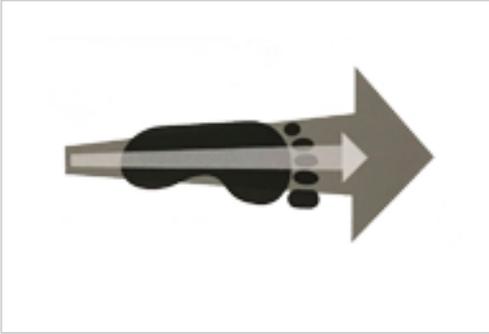
There is a unique **midsole** for each family of shoes. Soles are divided into 2 categories of support. The **Toe Power Support (TPS)**, which provides an anatomical support for high precision and a better contact surface during smearing, and the **Flexan Support**, which is a cellulose sheet of different thickness, length and cut to provide durable but flexible support throughout the life of the shoe.



**Alcantara** is a synthetic leather composed of 68% polyester and 32% polyurethane. Alcantara offers **higher adhesion** than animal leather, it will not absorb moisture and will be less hot than leather. You will find pieces of this material in strategic places in our performance shoes.

## Footprint

This continuum represents how the different shapes of a last concentrate a climber's weight along the foot and over the toes.



Slightly asymmetric



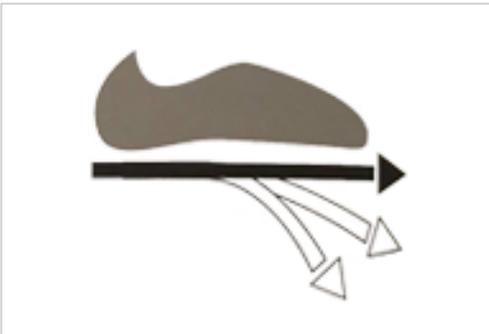
Moderately asymmetric



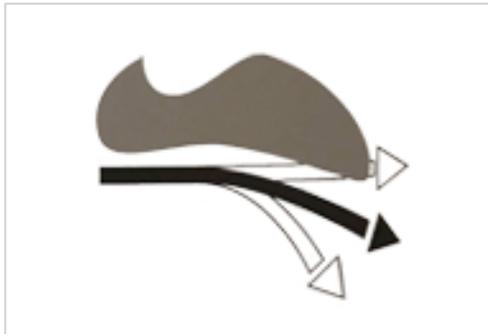
Highly asymmetric

## Heel-to-toe profile

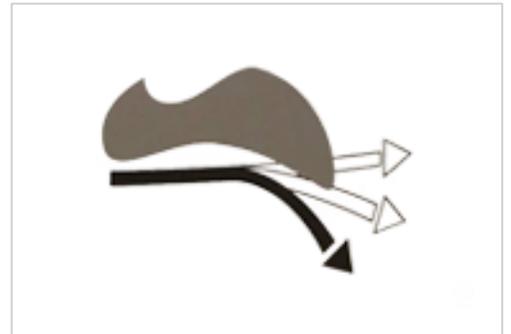
Different types of climbing can benefit from a range of heel-to-toe profiles.



Passive



Moderately aggressive



Very aggressive

## New and Updated Products



### Drago LV

Ideal for climbers in the gym or outdoors who want increased sensitivity. Its shape is the same as the Drago, with slight adjustments: less elastic fabric at the entrance of the shoe and a narrower heel. The materials and technology are the same except for the PAF Heel which has been added.



### Chimera

Specialized performance climbing shoe. The aggressive and asymmetric shape offer a really good support. It has a 3,5mm of XS Grip2 sole for more grip for better adherence. Slight modification from the previous model with a new synthetic upper and a better lacing system.



### Quantic and Quantic WMN

Very versatile shoe for routes and bouldering. It is slightly downturned with a 3,5mm full length outsole of XS Edge for durability and support. Thought for edging and small foot holds. Heel with the new *PAF Heel* technology and microfiber for a better breathability and comfort.

## Contexts of use

### Specialized performance

Shoes with pronounced aggressiveness and asymmetry. Designed for climbers who are ready to compromise their comfort for increased performance for their sustained projects.



#### Chimera

Specialized performance climbing shoe. The aggressive and asymmetric shape offer a really good support. It has a XS Grip2 sole for more grip for better adherence



#### Drago

Very sticky on volumes and super sensitive for the most complex problems. Sole in XS Grip2 for better grip.



#### Drago LV

Very adherent on volumes and very sensitive for the most complex problems. Less volume at the entrance of the shoe and narrower heel with the PAF Heel technology. XS Grip2 sole.



#### Furia S

Equivalent to the Draco, with a different closing system and a more sensitive heel. Sole in XS Grip2 for better grip.



#### Furia Air

Most sensitive shoe for indoor competition. Sole in XS Grip2 for better grip.



### **Booster**

Soft and sensitive shoe that offers great support. Ceramic microfiber for durability against abrasion. Sole in XS Grip2 for better grip.



### **Boostic**

Ultra rigid shoe intended for edging, small nubs and sharp edges. Ceramic microfiber for durability against abrasion. XS Edge sole for durability and support.

## **Performance**

Slippers with aggressive and moderate asymmetry. Designed for climbers looking for performance, comfort and support during technical projects.



### **Instinct**

Super versatile shoe for routes and bouldering. Less aggressive than the Velcro model and slightly more support. XS Edge sole for durability.



### **Instinct Women**

Super versatile shoe for routes and bouldering. Less aggressive than the Velcro model and slightly more support. XS Grip2 sole for a lighter climber. Molded with a female foot with less volume and low cut.



### **Instinct VSR**

Very versatile shoe with XS grip2 sole for better grip in the gym or a lighter climber. Same mold as the unisex Instinct VS.



### **Instinct VS**

Very versatile shoe for routes and bouldering, both outside and inside. XS Edge sole for durability and support.



### **Instinct VS WMN**

Very versatile shoe with XS grip 2 sole for a lighter climber. Molded with a female foot with less volume and low cut.



### **Vapor**

Very rigid shoe for the outdoor and indoor perfect for small nubs and technical cracks. Full sole in XS Edge for more support and durability.



### **Vapor WMN**

Very rigid shoe for the outdoor and indoor perfect for small nub and technical cracks. Full sole in XS Edge for more support and durability. Molded with a female foot with less volume and low cut.



### **Vapor V**

Versatile shoe either for routes or bouldering, indoor or outdoor. Sole in XS Edge for great support and good durability.



### **Vapor V WMN**

Versatile shoe either for routes or bouldering, indoor or outdoor. Sole in XS Grip2 for a lighter climber and good grip. Molded with a female foot with less volume and low cut.

## All-day performance

Shoes with little camber and asymmetry. Designed for climbers looking for comfort, support and durability during their climbing session.



### Quantic

Very versatile shoe for routes and bouldering. It is slightly downturned with a full length outsole of XS Edge for durability and support. Heel with the new PAF Heel technology and microfiber for a better breathability and comfort.



### Quantic WMN

Very versatile shoe for routes and bouldering. It is slightly downturned with a full length outsole of XS Edge for durability and support. Heel with the new PAF Heel technology and microfiber for a better breathability and comfort.



### Veloce

A shoe designed specifically for training in the gym. S72 sole to grip on volumes and increased sensitivity without compromising durability.



### Veloce WMN

A shoe designed specifically for training in the gym. S72 sole to grip on volumes and increased sensitivity without compromising durability. Molded with a female foot with less volume and low cut.



### Force V

Comfort shoe for long climbing days. XS Edge sole for added support and durability.



### **Force V WMN**

Comfort shoe for long climbing days. XS Edge sole for added support and durability. Molded with a female foot with less volume and low cut.



### **Helix**

Soft shoe ideal for climbers looking for a precision fit and comfort. XS Edge sole for added support and durability.



### **Helix WMN**

Soft shoe ideal for climbers looking for a precision fit and comfort. XS Edge sole for added support and durability. Molded with a female foot with less volume and low cut.



### **Origin**

Introductory shoe ideal for climbers looking for comfort. Rigid and durable Vision sole.



### **Origin WMN**

Introductory shoe ideal for climbers looking for comfort. Rigid and durable Vision sole. Molded with a female foot with less volume and low cut.



### **Reflex V**

Synthetic vegan shoe with Zonal knitting technology (3DMesh), ideal for climbers looking for comfort. Rigid and durable 5mm Vision sole.



### **Reflex V Women**

Synthetic vegan show with Zonal knitting technology (3DMesh), ideal for climbers looking for comfort. Rigid and durable 5mm Vision sole. Molded for a female foot with less volume and lower cut.



### **Reflex V Rental-Location**

Synthetic vegan show with Zonal knitting technology (3DMesh), ideal for climbers looking for comfort. Rigid and durable 5mm Vision sole. Laser engraved size on the back of the shoe for convenience.

## **Warranty**



**SCARPA guarantees manufacturing defects for one year.**

We request proof of purchase, a photo of the item, and a photo of the defect.

However, SCARPA products have been designed to be repaired when damaged by normal wear and tear!

## **Your questions**



The ASM team is always available to answer your questions !

### **Sales Representative, Climbing**

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