



Feet are the body's foundation; shoes not only work for the feet, they work for the whole body. The right footwear will carry you farther, faster and safer. At the end of the day, your feet and legs will feel a whole lot better as well.

Garmont® has always been committed to researching and applying cutting edge materials, technologies and innovations to its product design and development with the goal of continuously elevating end user experience in terms of comfort, fit and function.

FROM THE GROUND, UP:

The foot is an extremely complex anatomical structure: 26 bones, 33 joints and more than 100 muscles, ligaments and tendons. Garmont® has always respected feet, their anatomy and needs.

Starting from an accurate study of how the foot performs in a specific activity, Garmont® develops the most appropriate lasts in terms of performance and comfort.

Attention is then placed on the design construction to best evaluate where each critical feature should be positioned to ensure best foot stability, reduce pressure points, improve flex and remove unnecessary weight without compromising function.

A.D.D.®:

Garmont's Anatomically Directed Design (A.D.D.®) encourages the foot to utilize its own natural ability to stabilize, absorb shock and propel with efficiency. It also offers an enhanced fit by more closely matching classic asymmetrical features of typical feet. The A.D.D.® features work with the foot's typical asymmetry and normal function by providing:



FMA: FIRST METATARSAL ACCOMMODATION

Feature: More room for the big toe.

Benefit: More space for the normal, relaxed position of the toe thus greater comfort. Freedom for this toe allows the foot to enact a mechanism which provides stability, cushioning and efficient propulsion.



ACS: ASYMMETRICAL CLOSURE SYSTEM

Feature: Forefoot lacing that crosses the foot at an angle similar to the toe joints.

Benefit: Encourages the shoe to flex like your foot, for greater comfort and easier break-in.



LTP: LATERAL TONGUE POST

Feature: Lateral half of tongue is thickened.

Benefit: Provides a more intimate, anatomical fit, thus resulting in better control and stability. Less tongue drift.



DMP: DIFFERENTIAL MALEOLAR PADS

Feature: Heel pads that are asymmetrical medial to lateral, just as most ankle bones are.

Benefit: Compliments heel security by providing a more anatomical and accurate fit around the anklebones.



ACH: ASYMMETRICAL CUFF HEIGHT

Feature: Medial side of collar is taller than lateral side.

Benefit: Cuff is lower on lateral side for comfort during heel strike. Taller on medial side for support when climbing and scrambling, and to aid in resisting lateral ankle sprains.



HELIX RUBBER RAND:

The unique helical rubber rand protects both the upper and the midsole from abrasion and rock impact, and provides better grip and torsional stability as well.

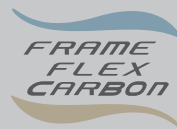


PROGRESSIVE LASTING BOARD

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The lasting board features different thicknesses to better scale rigidity and flexibility for a progressive and uniform flex regardless of boot size.

FRAMEFLEX INSOLES:



FRAMEFLEX CARBON:

This full length, full width, full strength carbon-fibre frame is thin yet rigid for crampon safety, with an excellent weight to strength ratio and less cold contraction than other materials.



X-LITE FRAMEFLEX FIBREGLASS:

Made of nylon and fibreglass, it is the lightest frame in the family, thanks also to the grid design which removes unnecessary weight while maintaining structure. Strong enough for flexible crampon use, stability rearfoot and midfoot for heavy loads, but with enough forefoot flex for walking moderate distances.



FRAMEFLEX FIBERGLASS:

This component allows boots to bridge the gap between vertical and horizontal applications. Strong enough for flexible crampon use, stability rearfoot and midfoot for heavy loads, but the forefoot flexes enough for walking moderate distances



FRAMEFLEX MID:

Full length, full width, full strength tapered nylon delivers the appropriate blend of stability and flexibility to haul heavy loads for a long distance in comfort. The tapered forefoot delivers a round, arcing flex, thus providing a flex range rather than a single point. This functions better at accommodating a variety of foot and toe proportions, flexing where the foot wants, rather than a predetermined single point where the boot wants to flex.



FRAMEFLEX LITE:

Lightweight, full length, full width nylon frame. The rearfoot is bolstered with a thickened center zone. The forefoot flex is enhanced by medial lateral slashes which cross at an anatomical angle.