

ALPINE FOOT PERFORMANCE

A high-performance prosthetic foot purpose built for downhill skiing that eliminates the need for traditional ski boots by directly connecting the Alpine Foot to the ski binding.

Features:

Experience the cutting-edge benefits that get you out on the hill faster and allow maximum control for the smoothest run. The key features that makes the Alpine Foot unique are:

- Multiple tuning adjustments are easily accessible for fine tuning performance.
- More accurate alignment control can be achieved compared to using a standard foot inside a boot.
- Universal for left and right side.
- Removing the boot allows for significant weight reduction increasing speed and agility.
- Durable construction to withstand stresses from aggressive skiing.
- Corrosion resistant parts.



SPECIFICATIONS

ACTIVITY LEVEL:	Unlimited, K4+
SIZE RANGE SMALL:	6-9 US (39-42 Euro)
SIZE RANGE LARGE:	10-13 US (43-47 Euro)
MAX. PATIENT WEIGHT:	213 lbs (114 kg)
FOOT WEIGHT:	3 lbs 5 oz (1.5 kg)
BUILD HEIGHT:	6.0 in (15.2 cm)
FLEXION RANGE:	12 deg

1 Year Limited Warranty on foot frame and components

Warning: Participating in any sport has certain risks involved, which may cause bodily injury, this is compounded even more for amputees since they may not have the balance and control with the prosthesis compared to a normal leg/foot. Therefore, we advise you to learn about the risks involved with each activity and be sure to take the necessary safety measures. The Alpine Foot alone, will not guarantee athletic performance.... Though with practice and the right tools, you can get there!

COMPRESSION & EXTENSION BUMPER

Compression Bumper

This bumper-set controls the dorsiflexion of the foot. Use harder bumpers to reduce amount of ankle dorsiflexion under load.



Extension Bumper

This bumper controls plantar flexion movement. Softer bumper allows more movement when putting pressure on the heel.



Urethane Bumper Options

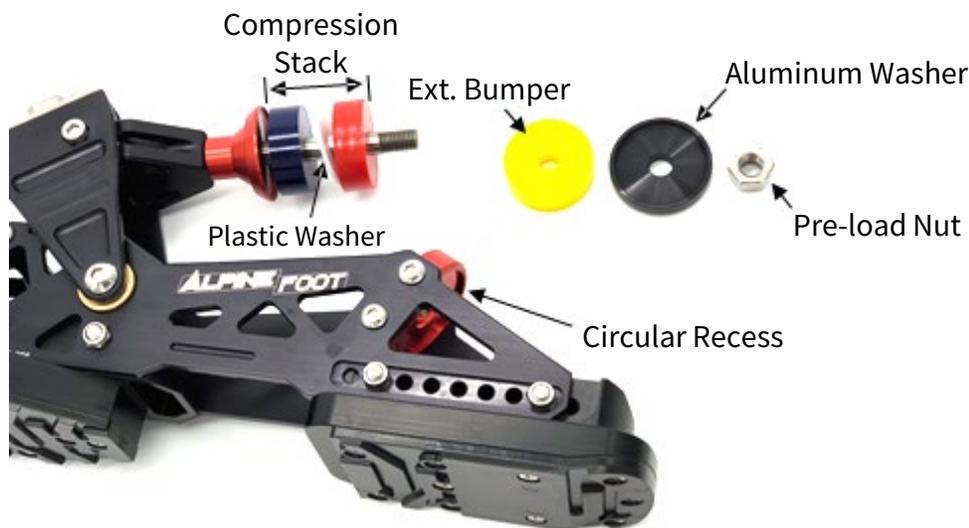
Your Alpine Foot will be set up with the recommended Bumper selection per the patient's weight mentioned in the purchase information. However, the user may want more or less ankle resistance depending on terrain, type of skiing and personal preference. There will be extra options provided in the kit. See next page for installation instructions.

	YELLOW	Extra Soft Bumper
	RED	Soft Bumper
	BLUE	Medium Bumper
	BLACK	Hard Bumper

CHANGING COMPRESSION & EXTENSION BUMPERS

Disassembly Steps

1. Remove Pre-load nut with 17mm wrench
2. Remove aluminum washer and Extension Bumper
3. Rotate ankle rearward and expose Push-rod which allows access to exchange Compression Bumpers



Note: Make sure there are 2 compression bumpers and a plastic washer between the two for proper alignment.

Assembly Steps

1. Assemble compression stack on Push-rod and insert through frame, make sure the bumpers are aligned in the circular recess of the frame
2. Press Extension Bumper and aluminum Washer over shaft and slide to the circular recess of frame
3. Tighten Pre-load nut to desired pre-load pressure; .125" range

WARNING: Make sure there is at least one thread visible in the Minimum setting to assure the nylock nut is working properly



SIZING ADJUSTMENTS



Small Frame - Length - 275 mm



Large Frame - Length - 315 mm

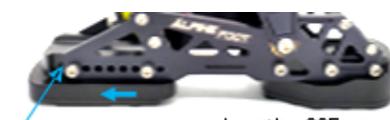
Each frame is designed to accommodate a range of four sizes in 10mm increments. The small frame spans from 275mm—305mm and the large frame spans from 315mm—345mm.

Adjust the foot length to match the size of your ski boot. In some cases this foot size will have an exact match to the ski boot and sometimes they will be slightly different depending on the make and style of boot.

Attention! This means you should have your binding adjusted specifically to your Alpine Foot by a professional technician to achieve the proper fit.



Slide 1 position Length—285mm



Slide 1 position Length—325mm



Slide 2 positions Length—295mm



Slide 2 positions Length—335mm



Slide 2 positions Slide 1 position Length—305mm



Slide 2 positions Slide 1 position Length—345mm

TORQUE SPECS





Contact us for Biodapt prosthetics information. We personally understand the challenges our customers face finding the right prosthetics and we strive to make the process easy.



320.252.0894



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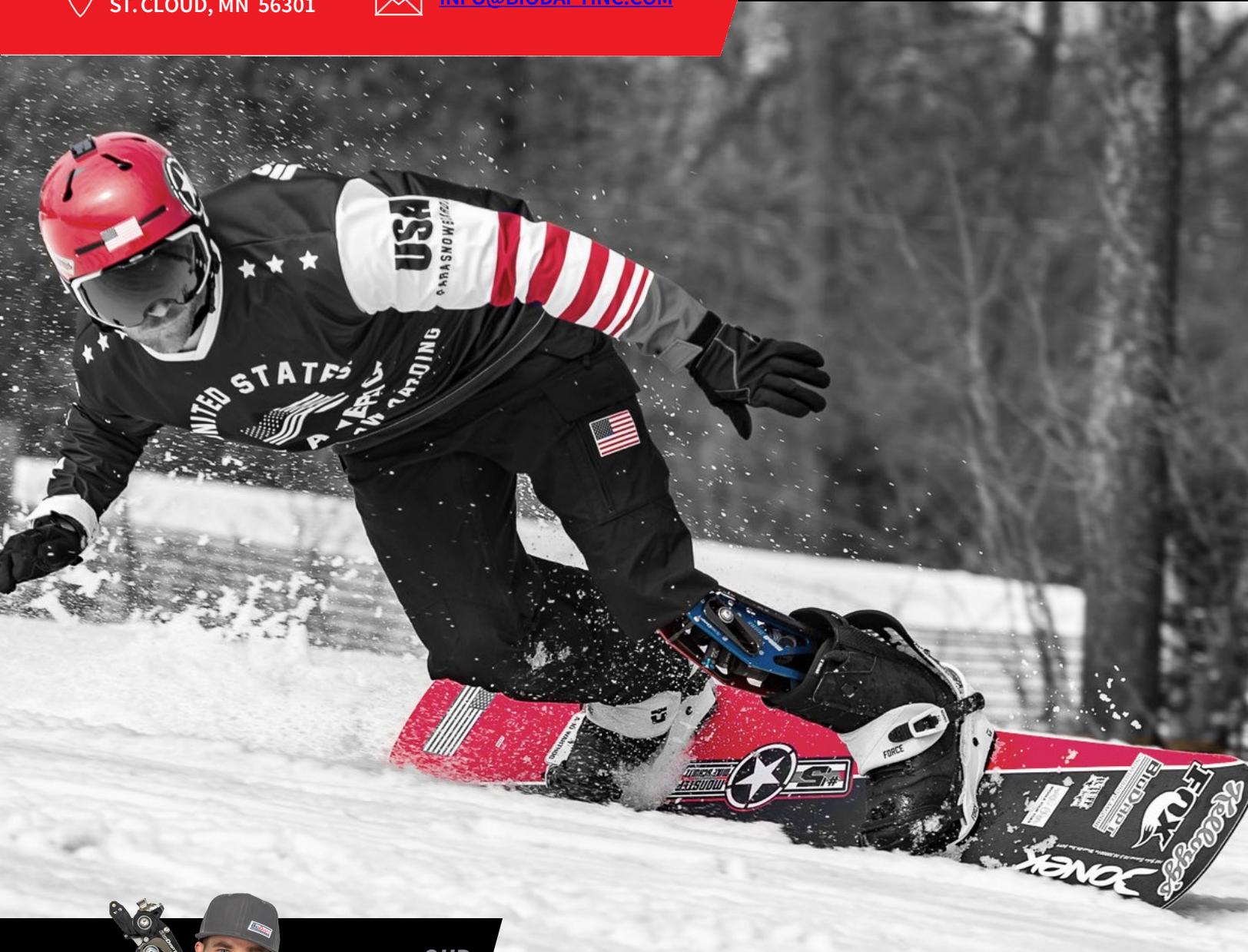


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“
I have two main passions in my life, being a competitor and designing/creating things in my shop. BioDapt allows me to do both while helping others perform at their highest level.
”



**OUR
STORY
STARTS
HERE...**

The Moto Knee2, Versa Foot2, VF2-HD, and Alpine Foot were created by Mike Schultz, a professional snowmobile racer that lost his leg above the knee in 2008, to an injury while racing. Unable to find prosthetic equipment to get back in action and refusing to compromise, he created his own. His new designs allow him to perform at a high level in all the sports he loves including snowboarding, motocross, and snowmobile racing. BioDapt was established in 2010, to help other amputees achieve their goals.

MIKE SCHULTZ | PRESIDENT

9 TIME X GAMES GOLD MEDALIST (MOTOCROSS, SNOWMOBILE, SNOWBIKE)
PARALYMPIC GOLD AND SILVER MEDALIST (SNOWBOARDING)