

Nitro Running™

The Nitro Running foot is a custom foot module engineered specifically for jogging and distance running. Each C-shaped running blade is hand crafted to provide the ideal amount of spring needed to run comfortably. Each foot is customised to the user's weight and running experience to provide the appropriate balance between strength and flexibility for high impact activities. Available in tall and short versions, the Nitro is suitable for a range of users and build heights.

Features and Benefits

- Individually hand crafted ensuring optimal vertical displacement and energy return
- Integral male pyramid for easy alignment and manufacture
- Compatible with exoskeletal design
- Available in short or tall profile
- Stiffness tailored to amputee weight and running experience
- Stiffness Category: 1-9



Ordering Information

Trial Period - There is no trial period on this foot.

The tall profile Nitro (NFS6) provides more energy storage and return due to the longer carbon fibre spring when compared to the short profile design. We therefore recommend that the tall profile should be used wherever the available build height will allow.

The short profile Nitro (NFS9) is generally chosen for paediatric applications, but it can also be used on adults where the available build height is too short to allow the use of the tall version. Since the short version is a scaled down version of the tall, it's width is also reduced from 6.6cm to 5cm. It should be noted though that both versions are supplied with an integral adult sized pyramid.

When selecting the appropriate stiffness category, it is advised that new athletes may find it best to choose low to moderate impact category for their weight range, whereas the more experienced athletes would benefit from choosing the moderate to high category, dependant on the level of impact involved in the activity being undertaken.

Ordering Example - NFS6 (Tall profile)

Part Number	Category	Size	Left / Right
NFS6	4	N/A	N/A

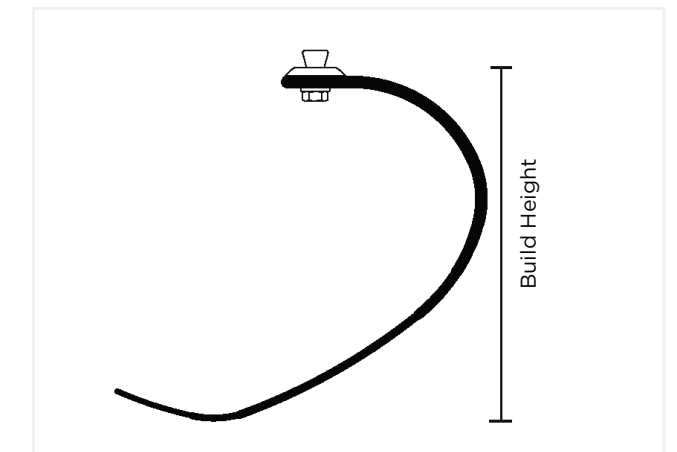
Ordering Example - NFS9 (Short profile)

Part Number	Category	Size	Left / Right
NFS9	4	N/A	N/A

Category Selection

Weight (kg)	Impact Level	
	Inexperienced Runner	Experienced Runner
44-52	1	1
53-59	1	2
60-68	2	3
69-77	3	4
78-88	4	5
89-100	5	6
101-116	6	7
117-130	7	8
131-147	8	9
148-166	9	

Technical Information



Build Height and Weight		
Size	Build Height (cm)	Foot inc. Shell
Short Profile	18.4	275g
Tall Profile	24.1	300g

Product Specification - NSF6 (Tall)

Weight Limit	Impact Level	Weight of Unit	Sizes (cm)	Build Height (cm)	Warranty
166kg	L M H	300g	N/A	24.1	1 year

Product Specification - NSF9 (Short)

Weight Limit	Impact Level	Weight of Unit	Sizes (cm)	Build Height (cm)	Warranty
166kg	L M H	275g	N/A	18.4	1 year

There is no foot shell supplied with this product

This is a special order item please allow 10-14 day lead time.