



Winged Foot

Introduction

Winged foot is designed as a multi-functional foot with complete carbon fiber structure. It has two main plates, divided in two parts which allows +/- 10 degrees of inversion and eversion movements of the carbon foot. Also split main plate design of the foot provides +/- 5 degrees of the torsion of the pyramid section. For smoother gait cycle, there is an additional inner carbon plate to comfort during the stance phase, causing the main plate to flex till a particular point easily and prevents further loads.



3D-Printed rings together with carbon fibers

3D-Printed rings allows easily seat and cover for carbon fibers as well as reduces and distributes the stress of heel strike force by its pre-shaped structure and round corners.



Features

- +/- 5 degrees Torsion of Pyramid
- +/- 10 degrees of Inversion and Eversion
- Multi-axial body
- Impact absorption by inner Plate
Wide body with to increase ground stability

±10 degrees
Eversion and Inversion!

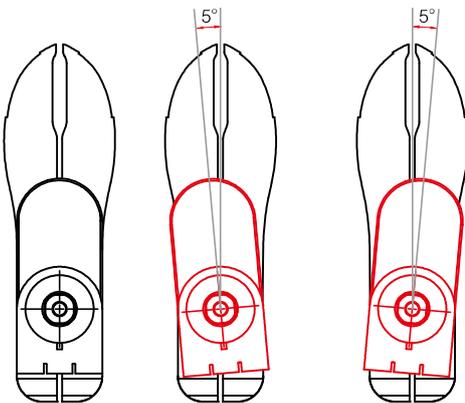


Thanks to its split lines on main plate, pyramid section of the foot easily rotates around center of the pyramid and causes +/- 5 degrees of torsion.

±5 degrees
Torsion of Pyramid

Technical Information

Target Users: Moderate impact, K3-K4 level patients
 Stiffness Categories: 1 to 5
 Connector Type: Titanium Male Pyramid
 Max. Body weight: 120 kg
 Size range: 23 to 29



Category Selection

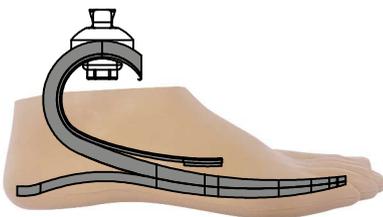
BODY WEIGHT	CATEGORY
65 - 75 kg	CAT-1
75 - 85 kg	CAT-2
85 - 95 kg	CAT-3
95 - 105 kg	CAT-4
105 - 120 kg	CAT-5

Impact Absorption

When load is placed on the toe, main carbon plate twists through C-shaped inner carbon plate. In this case, inner plate behaves like a shock absorber and shares the impact force with main plate. This movement also supports energy return to toe-off phase.

Data Table

Product Name	Winged Foot
Sizes	23 to 29
Advised Activity Level	K3-K4
Max User Weight	120 Kg
Mean Product Length	110 mm
Mean Product Weight	390 Gr
Available Foot Shell Color	Beige & Brown



Order Example

W27-CAT3

Winged Foot | Size 27 | Category CAT3

