

Fusion™ Foot

A new Prosthetic Foot from Ohio Willow Wood distributed exclusively by Ortho Europe

The deceptively simple design of the Fusion Foot provides superb multiaxial movement and vertical shock during ambulation and delivers a high level of energy storage and return to patients. The key to the Fusion Foot's performance is the integrated design that allows the composite shank, heel and foot plate to work together as a unit rather than independently. As a result, the Fusion Foot delivers vertical shock absorption, smooth heel-to-toe transition, inversion/eversion, and strong energy return all in one mechanism.



The fusion incorporate a pair of snubbers providing a smooth heel-to-toe motion with little effort required by the wearer



The gap between the plates deflects at an angular motion relative to the foot plate creating vertical shock compression



Adjustable snubbers allow the plates of the foot to flex, bend and touch providing medial/lateral stability on uneven terrain

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Clinicians have several opportunities to customise the Fusion Foot. Two heel wedges to customise heel stiffness. Two sizes of snubbers, small to increase and large to decrease inversion/eversion.

The shank of the Fusion Foot may be trimmed to suit patient’s limb length and requires no drilling of holes.



- Provides Outstanding Inversion & Eversion
- Lightweight at 360g
- Design Provides Vertical Shock Absorption
- Extremely Easy to Align
- Delivers smooth heel-to-toe transition

Specifications

INCLUDES	High-Activity Foot Shell, Spectra Sock, Pyramid Receiver or Rotating Pyramid, 1 of 6 Toe Spring Options, 2 Heel Wedges, 2 diameters of Snubbers
WEIGHTS	360g*
Adaptor WEIGHTS	Pyramid 130 g; Receiver 147g
PATIENT WEIGHT LIMIT	Foot Size 23-24 cm: 104 kg** Foot Size 25-26 cm: 122 kg** Foot Size: 27-31 cm: 135 kg**
HEEL HEIGHT	10mm. 18 mm available by special order
CLEARANCE	340 mm maximum for 10mm heel 157 mm minimum for 10mm heel 168 mm minimum for 10mm heel
AVAILABLE SIZES	23 to 31cm
TOE RESISTANCE	Six - See Composite Toe Spring Chart
HEEL SPRING OPTIONS	Two Wedges (included with each foot)
COSMESIS	Buff. Tan or Medium Brown special order
WARRANTY	Foot 36 months Foot shell 9 months



Cosmesis
Medium Brown,
Tan or Buff

* Based on size 26 cm foot, without Proximal Adaptor, Foot Shell, or Spectra Sock.

** Body weight plus any loads normally or routinely carried cannot exceed this weight limit.

ORDERING GUIDELINES

To order a Fusion Foot, please select the size, side, colour, toe spring stiffness, and heel height.

	FFT-23LB-1L-1	Fusion Foot SAMPLE Part Number
Name Code	FFT	FFT = Fusion Foot
Size of Foot	23	23 to 31 cm
Side of Foot	L	L = Left R = Right
Foot Shell colour	B	B = Buff M = Medium Brown (special order) T = Tan (special order)
Toe Spring Stiffness	4	1 to 6 (refer to chart below)
Heel Height	L	L = Low 10mm M = Medium 18mm special order
Proximal Adaptor	1	1 = Pyramid Adaptor 2 = Pyramid Receiver

GENERAL GUIDELINES

To Select correct Composite Toe Spring Stiffness:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads **normally or routinely** carried)
2. Using adjusted body weight and patient activity level, select the toe spring stiffness from the chart below.

Composite Toe Spring Stiffness Chart

		23 -24 cm	Foot Size 25-26 cm	27-31 cm
45-54 kg	Medium Activity	Category 1	Category 1	Category 1
	High Activity	Category 2	Category 2	Category 2
55-68 kg	Low Activity	Category 1	Category 1	Category 1
	Medium Activity	Category 2	Category 2	Category 2
	High Activity	Category 3	Category 3	Category 3
69-86 kg	Low Activity	Category 2	Category 2	Category 2
	Medium Activity	Category 3	Category 3	Category 3
	High Activity	Category 4	Category 4	Category 4
87-104 kg	Low Activity	Category 3	Category 3	Category 3
	Medium Activity	Category 4	Category 4	Category 4
	High Activity	Category 5	Category 5	Category 5
105-122 kg	Low Activity		Category 4	Category 4
	Medium Activity		Category 5	Category 5
	High Activity			Category 6
123-135 kg	Low Activity			Category 5
	Medium Activity			Category 6

Nigel Davis our amputee demonstrator now wears the Fusion foot.

Nigel would be happy to demonstrate this foot for you

Please call our customer service department or Nigel direct



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