

# Prosthetic Feet

## Trailblazer™ MA Foot

The Trailblazer MA Foot is an extension of the Trailblazer Foot family. This foot marries a high-activity multiaxial ankle with the key features included in the original Trailblazer Foot:

- Compound Spring System™ which increases toe spring effectiveness while maintaining long-term durability.
- Constructed of unique composites
- Provides increased deflection and dramatic energy return
- PerformMax™ Heel with three heel spring options for foot customization

The multi-axial ankle incorporated into the Trailblazer MA is ideal for high-activity amputees. The foot and ankle combination allow an amputee to traverse a wide variety of terrain with stability and confidence while maintaining a high energy return. The foot also offers customization of the amount of ankle movement by use of a Flexion Ring over the neck of the ankle pyramid. The larger the diameter of the Flexion Ring yields increased motion.

The foot and ankle combination remains light weight and maintains a low profile. The foot comes with a high-activity foot shell which features extra sole reinforcement for increased durability.



- **Moderate to High Activity (U.S. Levels 3 & 4)**
- **Features Multiaxial Ankle**
- **Compound Spring System Provides Dramatic Energy Return with Long-Term Durability**
- **36-month warranty**

### SPECIFICATIONS

<b>INCLUDES</b>	High-Activity Foot shell, Spectra Sock, Multiaxial Ankle, one of three Heel Spring Options, three Flexion Rings
<b>WEIGHT</b>	460 g*
<b>PATIENT WEIGHT LIMIT</b>	250 lb (115 kg)**
<b>HEEL HEIGHT</b>	3/8" (10 mm), 3/4" (18 mm)
<b>AVAILABLE SIZES</b>	23 to 31 cm
<b>CLEARANCE RANGE</b>	See chart below
<b>COSMESIS</b>	Unisex in Buff, Tan, or Medium Brown
<b>TOE SPRING STIFFNESSES</b>	Five - See Composite Toe Spring Chart
<b>HEEL SPRING OPTIONS</b>	Soft, Medium, Firm
<b>TRIAL PERIOD</b>	60 days from invoice date
<b>U.S. WARRANTY INFORMATION</b>	36 months from purchase
<b>U.S. L-CODE SUGGESTIONS</b>	5981, 5986

\*Based on size 26 cm foot.

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

### CLEARANCE RANGE CHART

10 mm (3/8") Heel	3.89" (9.9 cm)
18 mm (3/4") Heel	3.52" (8.95 cm)



### COSMESIS

Medium Brown, Tan or Buff

Trailblazer utilizes U.S. Patent 6719807 and EP Patent Application 01303759.3 under license from Chas. A. Blatchford & Sons Ltd.

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## ORDERING GUIDELINES

To order a Trailblazer MA Foot, please select the size, side, color, toe spring stiffness, heel height, and heel spring.

	TBMA-25LT-3L-M	Trailblazer MA Foot SAMPLE Part Number
<b>Name Code</b>	TBMA	TBMA = Trailblazer MA Foot
<b>Size of Foot</b>	25	23 to 31 cm
<b>Side of Foot</b>	L	L = Left R = Right
<b>Foot Shell Color</b>	T	B = Buff M = Medium Brown (special order) T = Tan (special order)
<b>Toe Spring Stiffness</b>	3	1 to 5 (refer to chart below)
<b>Heel Height</b>	L	L = Low 10 mm (3/8") M = Medium 18 mm (3/4")
<b>Heel Spring</b>	M	S = Soft M = Medium F = Firm

## GENERAL GUIDELINES

### To Select Proper 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.
3. If the amputee's weight is **near** the border between two categories:
  - a. choose the higher of the two categories if the amputee is very active or has a **longer** residual limb.
  - b. choose the lower of the two categories if the amputee is moderately active or has a very **short** residual limb.

If the adjusted body weight of the patient exceeds 250 lbs (115 kg), the Pathfinder® II Foot, Magnum Foot or Impulse® Foot is recommended.

### COMPOSITE TOE SPRING STIFFNESS CHART

Adjusted body wt.	up to 110 lbs up to 49 kg	111-150 lbs 50-68 kg	151-190 lbs 69-86 kg	191-230 lbs 87-104 kg	231-250 lbs 105-115 kg
Toe spring category	1	2	3	4	5