

# THRIVE™

The World's First  
Load-Activated  
Prosthetic Foot



Designed to Manage  
Variable Loads

 **FREEDOM**  
INNOVATIONS



# THRIVE™ Load-Activated by Design

Introducing the world's first load-activated carbon fiber prosthetic foot designed to accommodate added weight when lifting or carrying heavy objects. Users will no longer experience the feeling of a flat or soft foot when additional loads are encountered, nor will they need to be subjected to a product that is too stiff for their everyday walking needs. THRIVE provides support for variable weight when it's needed – resulting in a dynamic foot that feels the same regardless of load.



## Dual-Keel Design

THRIVE utilizes a synergistic, dual-keel design incorporating a full-length primary keel and a secondary, load-activated keel. When an additional load (up to 30% of the user's body weight) is sensed, THRIVE's primary keel progressively comes into contact with the upper keel, providing incremental support. This ensures consistent performance, and ultimately greater confidence among users. THRIVE also utilizes a unique, full-length carbon fiber heel plate technology which, along with its dual-keel design, facilitates more natural and comfortable ambulation with and without variable loads.

### Response with No Extra Load



During normal ambulation, the primary keel and heel plate function without contact with the upper keel or heel-stiffening bumper.

### Response with Extra Load



Ambulation while carrying additional load causes the heel plate to contact the stiffening bumper, followed by progressively greater contact between the primary and upper keels.



## Dynamic Performance When It's Needed

### Self-Activating Response to Varied Loads

The dual-keel design responds instantly and automatically when lifting and carrying heavy objects. No adjustments or additional effort is required, freeing users to carry on with their activities with confidence and without a second thought.

### Advanced Shock Absorption

The unique carbon fiber foot and sole plate design with 11 mm of shock absorption increases comfort and residual limb health by managing forces that would otherwise be directed to the socket and knee joint.

### Exceptional Ground Compliance

Split toe construction with +/- 15 degrees of inversion and eversion creates multi-axial ground compliance to provide dynamic control and stability on irregular surfaces.

### Outstanding Durability and Reliability

Strong, carbon fiber construction and a hardy wear surface between the dual keels make THRIVE ideal for demanding users.



## Ideal Vocations for THRIVE

Providing an unprecedented level of confidence, comfort and convenience when active people need to lift and carry variable loads, THRIVE is ideal for the following professions and lifestyles:

- Automotive mechanics
- Carpenters
- Child care providers
- Construction workers
- Delivery workers
- Factory workers
- Farmers
- Firefighters
- Maintenance workers
- Plumbers
- Police officers
- Military personnel
- Warehouse workers



# Focused Solutions

Freedom Innovations is solely focused on developing world class lower limb solutions in close collaboration with amputees and prosthetists. These solutions encompass technological innovations, service, training, educational resources and consultative support to help ensure user satisfaction.



## THRIVE Build Height and Weight Chart

Size	Average Build Height	Average Weight
22-25 cm	5.7 in	435 g
26-28 cm	6.2 in	510 g
29-31 cm	6.9 in	560 g

## THRIVE Technical Specifications

**Target User:** Low to moderate impact K3 level ambulators

**Sizes:** 22-30 cm (31 cm special order)

**User Weight Rating:** 365 lbs (166 kg)

**Stiffness Categories:** 1-9

**Connector:** Male pyramid

**Heel Height:** 3/8 in (10 mm)

**Part Number:** FS5

**Warranty:** 36 months

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