

TECHNICAL SPECIFICATIONS



FUNCTION	MOUNTING	WEIGHT LIMIT		CLEARANCE	IMPACT LEVEL	WATER CAPABILITY
Vertical Shock	Endo (IP)	21-25 cm	275 lbs (125 kg) [†]	6.5 in (16.4 cm)	M H K3 K4	WATERPROOF IN FRESH WATER
		26-30 cm	330 lbs (150 kg) [†]			
SIZES	WEIGHT	WARRANTY		L CODES**	ENVIROSHELL****	
21-30 cm	979 g	3 years		L5987 PDAC APPROVED	CTBD standard	

AVIATOR PART NUMBER

AV	SIDE	SHELL COLOR™	EN	SIZE	D	FIRMNESS CATEGORY
	L OR R	C, T, B OR J		21-30		1-5

*** (C)aucasian, (T)an, (B)rown or (J)et Black. Example part number: AV LCEN 24 D4



FUNCTION	MOUNTING	WEIGHT LIMIT		CLEARANCE	IMPACT LEVEL	WATER CAPABILITY
Torsion / Vertical Shock	Endo (IP)	21-25 cm	275 lbs (125 kg) [†]	7.5 in (19.1 cm)	M H K3 K4	WATERPROOF IN FRESH WATER
		26-30 cm	330 lbs (150 kg) [†]			
SIZES	WEIGHT	WARRANTY		L CODES**	ENVIROSHELL****	
21-30 cm	1,174 g	3 years		L5987 + L5984 PDAC APPROVED	CTBD standard	

VOYAGER PART NUMBER

VY	SIDE	SHELL COLOR***	EN	SIZE	D	FIRMNESS CATEGORY
	L OR R	C, T, B OR J		21-30		1-5

*** (C)aucasian, (T)an, (B)rown or (J)et Black. Example part number: VY LBEN 21 D1



FUNCTION	MOUNTING	WEIGHT LIMIT		CLEARANCE	IMPACT LEVEL	WATER CAPABILITY
Torsion	Endo (IP)	330 lbs (150 kg)		21-25 cm 3.7 in (9.3 cm) 26-30 cm 3.9 in (9.8 cm)	L M H K3 K4	WATERPROOF IN FRESH WATER
SIZES	WEIGHT	WARRANTY		L CODES**	ENVIROSHELL****	
21-30 cm	895 g	3 years		L5981 + L5984 PDAC APPROVED	CTBD standard	

ORBIT PART NUMBER

OR	SIDE	SHELL COLOR***	EN	SIZE	D	FIRMNESS CATEGORY
	L OR R	C, T, B OR J		21-30		1-6

*** (C)aucasian, (T)an, (B)rown or (J)et Black. Example part number: OR LCEN 24 D6

[†]26 cm model, including Enviroshell. ^{**}The listing of codes with these products should not be construed as a guarantee for coverage or payment. Ultimate responsibility for the coding of services/products rests with the individual practitioner. ^{***} Caucasian, Tan, Brown, or Jet Black.



ALSO AVAILABLE!



TORSION ADAPTERS



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VERTICAL SHOCK ABSORPTION & TORSION

COMFORT WITHOUT COMPROMISE

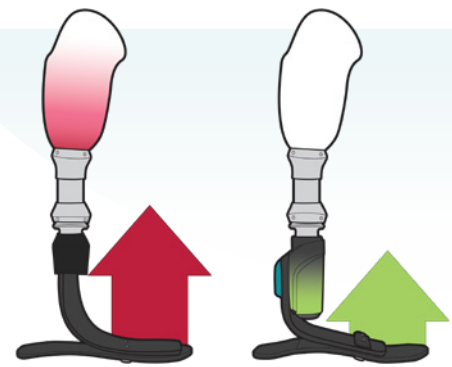
Comfort is key. College Park engineers prioritize user comfort in prosthetic design. By implementing unique methods of vertical shock absorption and adjustable torsion, we ensure that movement is happening within the foot—not the socket. Each of these designs may offer increased energy return and flexibility while reducing impact on the body.

CLINICAL BENEFITS



BENEFITS OF VERTICAL SHOCK ABSORPTION

The Aviator and Voyager feet allow for up to 10mm of vertical shock absorption. This may enhance comfort and reduce impact on your residual limb during walking and daily tasks. This vertical compliance does not affect function during normal use.



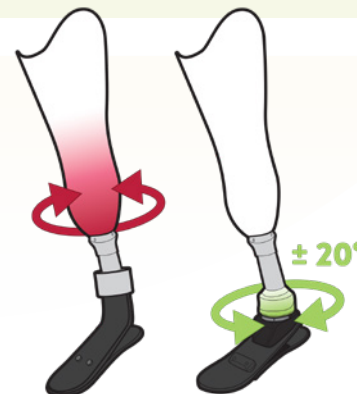
DESIGNED TO ABSORB VERTICAL IMPACT FORCES



BENEFITS OF TORSION

Did you know that studies show up to 40% of ambulation time is turning tasks? College Park's adjustable torsion mechanism uses a ball bearing design to provide a consistent response during transverse rotation. The Voyager and Orbit feet offer high energy return and 20° of internal and external rotation. These feet may restore anatomical movement that was lost to amputation.

**Glaister C. et al., 2007*



REDUCES TORSIONAL LOAD WITHIN SOCKET

Twiste and Rithalia, 2003; Flick et al., 2005



L5987**
PDAC APPROVED

SOAR THROUGH LIFE

This lightweight foot is designed to provide high energy return, comfort, and vertical shock absorption in every step. Combining flexible Intelliweave® composites with dynamic carbon fiber, the sleek Aviator foot uses a hybrid material approach in its springs. These features offer superior range of motion to accommodate a wide range of activities and users. When life gets turbulent, the Aviator foot can help you stay the course.



MATERIAL FUSION



VERTICAL SHOCK ABSORPTION



WATERPROOF IN FRESH WATER



L5987 + L5984**
PDAC APPROVED

BEST OF BOTH WORLDS

The College Park Voyager foot was designed to achieve ultimate comfort and rotation for any journey. With vertical shock absorption, responsive springs, and built-in torsion, this high-performance foot can feel more natural to the user. Its superior range of motion accommodates varying activity levels. The sleek Voyager foot uses a hybrid material approach—blending flexible Intelliweave® composites with durable carbon fiber to maximize function.



MATERIAL FUSION



VERTICAL SHOCK ABSORPTION + TORSION



WATERPROOF IN FRESH WATER



L5981 + L5984**
PDAC APPROVED

THE TURNING POINT

The world does revolve around you. The Orbit foot was designed to provide smooth rotation and rollover. College Park's unique, built-in torsion feature has integrated energy return, which may improve comfort for golf, baseball, tennis, and more! The durable Orbit offers a low profile and total rotation range of 40°. It also incorporates a carbon fiber base for a dynamic response during low to high impact activities.



CARBON COMPOSITE



ADJUSTABLE TORSION



WATERPROOF IN FRESH WATER



"As a pilot, I'm always on the go. With the Aviator foot, I noticed better gait and comfort with the aid of the vertical shock absorber. I can feel the help when I lift my knee, going up stairs into the plane, or walking down the slope of a ramp. The Aviator has made those movements and my job much easier."

- Andre, Aviator Foot User



"Having a foot that has a built-in shock absorber reduces fatigue. The Voyager reduces wear and tear on your body, while increasing your longevity and endurance. It's amazing being able to rotate and pivot, even in the slightest ways. I didn't know I needed torsion in my life as much as I did until after I started using the Voyager."

- Reggie, Voyager Foot User



"I put my prosthetic leg on at 4 a.m. every morning. Throughout the day, I'm on my feet. Working a factory job, I pivot countless times a day and with the Orbit, I can now turn easily with both legs! Once out of work, I grocery shop, cook dinner, and clean dishes—all using pivot motions. The Orbit allows me to comfortably move and turn."

- Todd, Orbit Foot User

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