

Why should you choose Ottobock prosthetic feet?

With a wide range of Ottobock prosthetic feet you can be sure that together with your Prosthetist you will find the one to suit your personal needs. Whether it is a foot made out of carbon or it is a microprocessor controlled foot - our whole portfolio is based on the same idea: building a foundation. We take our responsibility seriously.

What makes Ottobock feet different?

For generations, Ottobock feet have helped define what's possible with lower limb prosthesis. With every step, our feet carry on the traditions of craftsmanship, invention and passion- that continue to set our products apart. Every detail within a prosthetic foot can make a difference to your daily life.

What is a dynamic foot?

The 1D10 Dynamic Foot features natural shape with smooth surface, shaped toes and sandal toe. The functional characteristics are achieved through the proven combination of a contoured core and functional foam. This results in a comfortable heel strike and a smoother rollover than with the SACH foot.

Does late stance dorsiflexion affect energy storing feet?

Both conventional feet (with ankle axis) showed greater early stance plantar flexion motion. The late stance dorsiflexion motion in the ankle showed no statistically significant difference ($p=0.145$). Various authors have reported a greater late stance dorsiflexion for energy storing feet.

As an alternative to energy storage and return via a carbon composite foot, the controlled energy storage and return (CESR) foot (Intelligent Prosthetic Systems, LLC) uses microprocessor-controlled release of energy stored in mechanical springs. The CESR foot incorporates two low-power motors; one actuates a one-way clutch to release the ...

Can provide users with a natural gait. Comfortable, stable, and possessing universal performance. The S-shaped inner leg structure has excellent energy storage and release effects, as well as good dynamic performance. With a toe clip structure, users can wear

Thanks to their outstanding dynamics and flexibility, all Triton feet are suitable for a broad range of applications from everyday use to recreational sports. o Harmonious rollover characteristics thanks to an interactive spring system comprising 3 interconnected spring elements o Outstanding dynamics combined with energy storage and return

Longer lever arm provides greater control over the foot than other carbon plates; Avoids abrupt stopping that can occur with traditional ankle joints; Indicated for patients who weigh up to 220 lbs (100 kg) Indications Paralysis or weakness/restriction. of the foot lifting and foot lowering muscles while using a dynamic ankle foot orthosis,

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It comes with a footshell, which has a split big toe to allow for sandals to be worn. This foot provides an ideal solution for low mobility transfemoral and transtibial patients in conjunction with the Prosedo and Kenevo ...

Utilizing the same flexible design as the WalkOn Flex, the WalkOn Flex Junior is designed for children with mild to moderate drop foot, giving them active, dynamic gait and stability as they walk. Benefits at a Glance: Dynamic ...

The 1D10 Dynamic foot is a prosthetic foot with good forefoot dynamics for users in mobility grades 1-2. The foot comes with an assembled titanium adapter and is approved for a body weight of up to 150 kg.

The energy storing and releasing behaviour of 2 energy storing feet (ESF) and 2 conventional prosthetic feet (CF) were compared (ESF: Otto Bock Dynamic Pro and Hanger Quantum; CF: ...

The Ibex foot offers innovation with micro-slices for controlled inversion/eversion on uneven terrain. Its multi-axial design optimizes energy with a long carbon pylon and full-length heel plate for early foot flat and increased energy storage. Confidence-boosting, stable performance for amputees to conquer life's challenges.

Mechanical feet Ottobock offers prosthetic feet for nearly every patient need and activity level. With our expertise in materials technology and our extensive mechanical testing capabilities, Ottobock feet provide superior performance as ...

Otto Bock Dynamic Foot for Children. Movement is important for children's physical and mental development. Smooth, natural movement patterns should be ensured during walking. ... The foot also guarantees a good energy return which makes walking easier in everyday life. Product type: Mobility grade: Max. body weight: 45 kg: All specifications ...

Ottobock dynamic energy storage foot toe off for natural tibial progression and energy return; Sandal toe ; Splash and occasional water submersion The functional properties are achieved through the proven combination of a contoured core and functional foam. This results in a comfortable heel strike and easy rollover.

* Comparison to state-of-the-art energy storing and return prosthetic feet like Taleo. Specifications Activity Level: K2 - K4: Max. Body Weight: 275 lbs (125 kg) Sizes: 22 - 30: Weight without Footshell* 15.9 oz (450 g) Footshell Shape: Normal shape with 10 +/- 5 mm heel height: ... About Ottobock. Careers ;

A highly responsive energy storage and return device, the Silhouette is manufactured using specially engineered carbon fiber lay-ups so that users feel comfortable for long periods of time. The product features a

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After your amputation, would you like a prosthetic foot that offers you the most natural possible gait in addition to independence in everyday life? We developed a prosthetic foot called the 1D35 Dynamic Motion to help users with a ...

Discover the industry-leading technology behind Ossur's range of prosthetic feet, including Proprio Foot™, Pro-Flex™, Family, Cheetah™, and more solutions for #LifeWithoutLimitations.

Evanto provides a new level of multi-axial flexibility, and its uneven terrain adaptation empowers you with comfort and confidence. Feel the flow and experience a new walking and standing experience that feels more natural and comfortable compared to conventional carbon feet. It's more than a prosthetic foot. It's a foundation.

Outdoor dynamic subject-specific evaluation of internal stresses in the residual limb: hydraulic energy-stored prosthetic foot compared to conventional energy-stored prosthetic feet. Gait Posture 2012; 35: 121-125.

The energy storing and releasing behaviour of 2 energy storing feet (ESF) and 2 conventional prosthetic feet (CF) were compared (ESF: Otto Bock Dynamic Pro and Hanger Quantum; CF: Otto Bock Multi Axial and Otto Bock Lager). Ten ...

The 1K10 is a robust dynamic foot with a natural shape, smooth surface and formed toes. The contoured core construction and the use of foams with different characteristics result in a pleasant heel impact and, compared to ...

1D35 Dynamic Motion. by Ottobock. The Dynamic Motion is suitable for people with transtibial amputation, knee disarticulation, transfemoral amputation or hip disarticulation with a low to moderate level of activity, and who require a foot ...

The combination of smooth hydraulics and a dynamic foot base brings exceptional performance during activities like aggressive city walking or multi-terrain hiking. ... for active K3 and K4 level ambulators who require a product ...

Thanks to the outstanding characteristics of the plastic spring in combination with the functional foam and the integrated 3D spacer fabric, the Dynamic Motion has a high energy return and allows for a dynamic transition ...

Energy-Storing Prosthetic Foot Ottobock Evanto Unlocks Superior Mobility. Written by Bryan Potok on

February 1, 2025 Last updated on February 1, 2025 ... The study evaluated the new Ottobock Evanto foot's performance ...

The energy storing and releasing behaviour of 2 energy storing feet (ESF) and 2 conventional prosthetic feet (CF) were compared (ESF: Otto Bock Dynamic Pro and Hanger Quantum; CF: Otto Bock Multi Axial and Otto Bock Lager). Ten trans-tibial amputees were selected. The study was designed as a double-blind, randomised trial.

In particular, energy storage and return (ESR) prosthetic feet, although not a recent ... The dynamic motion 1D35 (Otto Bock, Duderstadt, Germany) is offered, but only after absolute medical necessity approval by an ...

1C60 Triton carbon fibre foot with the proven Harmony P3 technology: Smooth roll-over characteristics, split forefoot for more safety and control on uneven surfaces and excellent energy storage and energy return combined with active vacuum for volume management of the residual limb and unmatched suspension. The Triton Harmony with its compact

Energy storage and return (ESAR) prosthetic feet are designed to emulate the compliant structures of the anatomical lower-limb via a spring-like construction of carbon fiber [1]. There has been recent debate over whether ESAR prostheses give lower-limb amputee athletes an advantage [2], [3], [4], despite lower-limb amputation generally being associated ...

Otto Bock Dynamic Foot for Children. Item #: 1K10. More details. Log in to order. SACH Foot Child Medium. Item #: 1S30. More details. Log in to order. 1E93 Runner junior. Item #: 1E93. More details. Log in to order. Maverick junior. Item #: F24. Energy Storing Fiberglass Pediatric Foot. More details. Log in to order. Added to your shopping cart.

Web: <https://fitness-barbara.wroclaw.pl>

