ottobock.



Evanto marks a milestone in the evolution of prosthetic feet.

It was designed for active individuals who navigate varied indoor and outdoor environments and place a high value on a natural walking feeling, increased endurance and a high degree of comfort on uneven terrain.

Evanto resolves the contradiction in prosthetic foot design between dynamics, flexibility and compact build height.

Evanto means

...empowering active individuals with a new walking and standing experience, which feels more natural and comfortable, when compared to conventional carbon prosthetic feet.

...supporting O&P professionals with a solution that can be further tailored to the individual user, helping them to achieve the best possible outcome.

It's more than a foot. It's a foundation.







Results and statements in comparison to state-of-the-art energy storing and return (ESR) feet.



Walk with more endurance.

Evanto's innovative design stores a high amount of energy at heel strike and returns it gradually for enhanced forward propulsion.



of shock absorption at heel strike is unmatched.¹

mance wedges. The amount

the ankle joint to the carbon spring. The ankle joint provides up to 20° range of motion.1

push-off. Up to 14% more for transtibial and up to 19% more for transfemoral prosthesis users.²



Go wherever you want.

Evanto provides multi-axial flexibility on a new level. It adapts to uneven terrain and empowers the user with comfort and confidence.





Customise to individual needs.

Both the heel characteristics and the rollover behaviour can be adapted to individual needs.

The high-performance wedges allow energy storage and return as well as shock absorption. They are exchangeable by the prosthetist to adjust the prosthetic foot to the individual needs of the user. The upper wedge can be used to adjust the heel characteristics, while the rollover behaviour is adjusted with the lower wedge. The wedges are made of high-performance polymer and enable a high energy return.



Upper wedge mainly for shock absorption at heel strike

Lower wedge mainly for energy return from mid-stance to toe-off



Experience the difference.

The benefits of *Evanto* are field tested and approved by many users as well as in our biomechanical gait lab.

Most preferred foot

Evanto is the most preferred foot overall and in situations like walking on inclines and declines, over uneven terrain as well as ascending and descending stairs (among others).³





Improved mobility

Evanto performs statistically significantly better (p < 0.001) than other state-of-the-art ESR feet in the clinical test for mobility (PLUS-M).³



³ "Prospective feasibility study to evaluate performance, patient benefits, and acceptance of a new 1C70 energy storage and return prosthetic foot". Clinical study results for 20 transtibial amputees.

Improved aerobic capacity and endurance

The distance covered in the 6 Minute Walk Test with Evanto is significantly longer (p < 0.05) than with the current ESR foot of the study participants.² The 6 Minute Walk Test is a clinical performance-based test used to assess aerobic capacity and endurance.



Distance covered in a 6 Minute Walk Test | Mean ± St.Dev.

Improved gait

Increased ground reaction force (GRF) component that acts in the direction of progression of walking movement and can increase walking velocity. Higher ankle power which is the amount of mechanical work generated by the ankle joint during push-off.²



² "Evanto – Development-accompanying patient testing". Results for 6 transibial and 6 transfemoral amputees.

References

- Verification results in comparison to state-of-the-art ESR feet.
 Verification results in companying patient testing". Results for 6 transtibial and 6 transfemoral amputees collected after approximately 3 months of Evanto use. Data on file. Publication in preparation.
 "Prospective feasibility study to evaluate performance, patient benefits, and acceptance of a new 1C70 energy storage and return prosthetic foot". Clinical study results for 20 transtibial amputees. Outcomes collected after 6 to 10 weeks of Evanto use. Data on file. Publication in preparation. on file. Publication in preparation.