Your Life. Your Adventure.

Triton Family of Products
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Your Life. 
Your Adventure.

At home, on the way to work or in your leisure time. Mobility and independence are very important. With the Triton product family, Ottobock offers highly active users a selection of prosthetic feet that are reliable in any situation. Mobility at the highest level, for enhanced quality of life.

As diverse as the Triton family is, all of the products feature the innovative triangular spring system. This design is modelled after the human foot. The result is an especially natural, harmonious gait pattern. From heel strike to the stance phase to pushing off for the next step.
Triton
Learning from Nature

Ottobock presents the Triton family of products – prosthetic feet designed using nature as a model.
The Human Foot

In the human foot, the flexible forefoot structure is connected to the supporting heel via the plantar fascia (aponeurosis). The interplay between the different muscles and tendons thus controls the movement of the foot. When you put weight on your heel, during rollover or when pushing off with your toes, there is a harmonious flow of force throughout your entire foot unit.

Triton

The anatomy of the natural foot is reflected in the characteristic, curved, triangular form of the Triton prosthetic feet. They are comprised of three interconnected spring elements. A carbon forefoot spring and a two-part carbon heel spring form the load-bearing structure. The high-performance polymer base spring in turn connects these elements to form an integrated unit and provide for a particularly smooth rollover.
I started playing golf at the age of eight. It has always been something important for me throughout my life. Even losing my leg was not enough to make me lose sight of my goal: taking part in one of the major golf tournaments in the world.

I did lose a lot of strength when I lost my limb, but I am training every day, getting stronger, and this makes me happy.

There was no way back, I could only look ahead.
“Fear less, live more”

I have never been stronger than I am now. I am much more confident in my decisions, and I am eternally grateful for that. I hope that I can inspire others like me through my experiences. Of course I also go through difficult times, but that is when all the loving gestures and words I receive help me. I want to pass some of that along.

Caroline
23 years old
“I usually seek balance with my three children...”

...and if I want some peace, I can always go out on the sailboat with friends. All of the climbing around that is necessary on a sailboat means that I have to be mobile. I have nowhere to hide in a three-person team; instead, I have to get involved with everything.

Carsten

49 years old
Mobility is crucial

Mobility is a crucial point for me, both in my private life and in my career. I have to be very active for my company in order to be able to respond to all of its needs. When I have been travelling all week, I have to find balance in my private life.

A prosthesis you cannot feel. That assures the same mobility as my original lower leg or foot once did. From my point of view, that is the best thing that could happen to me.
1C60 Triton

1 Adapter
Pyramid adapter made of lightweight aluminum.

2 Carbon Forefoot Spring
The split forefoot spring allows the foot to adapt to uneven surfaces. It offers energy return, stability and control at rollover and toe-off.

3 Base Spring
The high-performance polyester split base spring has a separate big toe, and connects the forefoot and the heel spring to form a complete unit.

4 Carbon Attachment Spring
The attachment spring made of carbon fibre material gives the foot the required stability.

5 Carbon Heel Spring
The heel spring dampens the impact at heel strike and stores the energy for a smooth rollover.

6 Replaceable Heel Wedge
The optional heel wedges provide a simple method for adapting the Triton to the individual needs of the patient.
Triton Family of Products
Technology for People

The Triton Vertical Shock and the Triton Harmony offer increased vertical shock absorption and torsion capability. This reduces impact loads on the residual limb and body, for example when the patient is negotiating stairs or participating in sports.

The active vacuum pump of the Triton Harmony improves adhesion between the residual limb and prosthesis, for improved proprioception and enhanced safety in any situation. The residual limb volume is also significantly stabilised.

The Triton Low Profile combines the outstanding dynamic response and flexibility of the Triton with a considerably reduced structural height. The titanium adapter makes the foot extremely resilient as well as water-resistant.

The Heavy Duty version of the Triton offers a higher load limit for highly active users and is also water-resistant. The foot is recommended for particularly challenging conditions – at work or play.
Enjoying life

A lot changed for me at the age of fifteen. I gradually started to lose the use of my left leg, and ultimately decided to have it amputated in 2008. It’s something that I don’t regret. Many people assume that one cannot enjoy life to the fullest with such a handicap. But that’s not the case! Of course it isn’t easy, and you may need to rethink your approach to lots of things, but sometimes we only notice the important things after something difficult happens – things that we maybe didn’t value before.

This insight and the experiences of other amputees played a big part in helping me to take active control of my life again.
“I’m realizing my dreams”

Like many others, I harboured many wishes and dreams as a young girl. Everything seemed possible, and I wanted to do it all: baseball, running, cycling, hiking, skiing, horse riding – the main thing was to be physically active, preferably out of doors where I could experience nature. Life is filled with a thousand opportunities that are just waiting to be seized.

Brecklyn
29 years old
Who can use a Triton foot? The Triton feet are recommended for people of all ages with normal to high levels of activity. The prosthetic feet are suitable for various walking speeds and surfaces. This allows both comfortable everyday walking and recreational sports activities.

Are the Triton feet suitable for sports? The Triton feet are suitable for use in common recreational sports such as jogging, ball sports and cycling. Providing added shock absorption and rotational capability, the Triton Vertical Shock and Triton Harmony are suitable for sports that involve jumping and fast movements.

Can the Triton feet be used as part of a transfemoral prosthesis? Yes! The Triton prosthetic feet are suitable for all amputation levels that permit the corresponding structural height. In transfemoral prostheses, the Triton feet work well with Ottobock knee joints such as 3R95, 3R80, the microprocessor-controlled C-Leg and Genium. Ask your prosthetist whether the Triton Harmony is suitable for your transfemoral prosthesis.

Is there a version of the Triton for me? All Triton feet are available in a range of sizes and body weights up to 150 kg. The prosthetist will fine-tune the foot by selecting one of the supplied heel wedges. You just need to decide if the added shock absorption and rotation capabilities of the Triton Vertical Shock or, in addition, the elevated vacuum function of the Triton Harmony foot are right for you.

What is the difference between the Triton Vertical Shock and Triton Harmony? Both the Triton Vertical Shock and Triton Harmony use a unique functional ring for vertical and rotational shock absorption. The Triton Harmony foot also creates an elevated vacuum in the socket for better adhesion and enhanced security. When you use a Triton Harmony, your socket must be fabricated according to the requirements for the Harmony technology.

How does the Triton Harmony create an elevated vacuum? The hollow function ring of the Triton Harmony is compressed and then released at every step. This extracts air from a hose connected to the socket via the integrated one-way valve. An elevated vacuum is the result.

Are Triton prosthetic feet waterproof? Both the Triton Low Profile and the Triton Heavy Duty are equipped with titanium adapters. Corrosion-free screws and metal components are used as well. As a result, these feet are not damaged by fresh or salt water. However, the feet should always be cleaned and dried after contact with water or sand.

Do I need a new prosthesis to use the Triton? No – the Triton can be combined with new as well as existing modular components without any problem, provided the structural height is sufficient. It is connected using the integrated adapter. If you want to use a Triton Harmony, your socket must be fabricated according to the requirements for the Harmony technology.

Do I need to wear special shoes with the Triton? No – the Triton is delivered with a footshell that is based on the shape of a natural foot. Alternatively, you can order a slim footshell that is suitable for use with shoes with a slight heel rise. Both versions have a separate big toe that allows you to wear thong sandals.

Can I try out one of the Triton feet? Yes – please talk to your prosthetist about this.

Where can I find more information on the Triton family of products? Your prosthetist or doctor will be happy to advise you concerning the Triton and whether it is right for you.
## Technical Data

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>1C60 Triton</th>
<th>1C61 Triton Vertical Shock</th>
<th>1C62 Triton Harmony</th>
<th>1C63 Triton Low Profile</th>
<th>1C64 Triton Heavy Duty</th>
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</thead>
<tbody>
<tr>
<td><strong>Suitable for</strong></td>
<td>MG 3–4</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Max. body weight</strong></td>
<td>150 kg (MG 3), 125 kg (MG 4)</td>
<td>150 kg (MG 3 und MG 4)</td>
<td></td>
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</tr>
<tr>
<td><strong>Sizes</strong></td>
<td>21–30 cm</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Footshell</strong></td>
<td>Slim shape for 15 mm heel height (sizes 21–27 cm)</td>
<td>Normal shape for 10 mm heel height (sizes 24–30 cm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Customisation</strong></td>
<td>Individual adaptation of heel function and rollover characteristics with two included heel wedges</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Weight without footshell</strong></td>
<td>approx. 460 g</td>
<td>approx. 760 g</td>
<td>approx. 760 g</td>
<td>approx. 415 g</td>
<td>approx. 535 g</td>
</tr>
<tr>
<td><strong>Weight with normal footshell</strong></td>
<td>approx. 680 g</td>
<td>approx. 980 g</td>
<td>approx. 980 g</td>
<td>approx. 635 g</td>
<td>approx. 755 g</td>
</tr>
<tr>
<td><strong>System height with normal footshell</strong></td>
<td>131 mm</td>
<td>177 mm</td>
<td>177 mm</td>
<td>45 mm</td>
<td>131 mm</td>
</tr>
<tr>
<td><strong>Structural height with normal footshell</strong></td>
<td>149 mm</td>
<td>195 mm</td>
<td>195 mm</td>
<td>63 mm</td>
<td>149 mm</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
<td>+ 8 mm spring axial deflection</td>
<td>+ 8 mm spring axial deflection</td>
<td>+ 9° rotation possible</td>
<td>Water-resistant</td>
<td>Water-resistant</td>
</tr>
</tbody>
</table>

*Technical data refer to size 26 cm*