

ottobock.

Your Life. Your Adventure.

Triton® Family of Products

Quality for life





Ready for any challenge

The search is over! Now your high-mobility patients can choose from a variety of superb options to fit their active lifestyles. Whether busy at work, enjoying outdoor activities, or playing with their kids, your patients can count on the Triton family of feet to be ready for any challenge. With a Triton, you get reliability, flexibility, and support for the adventure of everyday life.

Technology for Mobility

High mobility was the focus when developing the Triton feet. Ottobock engineers worked closely with active amputees to create a comprehensive family of products that would meet the demands of their busy lives.

Thanks to innovative design, Triton feet are ideal for a broad range of applications. They offer excellent functionality even under high load.



The spring deflection of the Triton ensures effective shock absorption upon heel strike.

Moderate shortening of the heel lever supports the user, allowing greater control and safety while flexing the knee. How the foot behaves in this phase of walking can be adapted to suit the individual user with the supplied heel wedges.



The benefits of the Triton's interlinked triangular spring system are particularly evident during rollover. The forefoot and the heel are made of a light, flexible carbon fiber composite and connected by a base spring made of high-performance polyester to form a complete foot solution. The majority of energy stored during heel strike is gradually released in the course of the stance phase. This makes easy rollover possible for the user. The Triton shows a largely neutral reaction when the patient shifts weight from one foot to the other while standing. This special feature of the Triton means that the user is relaxed and stable when standing.



The base spring of the Triton has a specially formed and

split forefoot section. Due to this unique feature, the effective foot length reaches up to the big toe. This feature allows the user to move confidently into the swing phase and permits a highly variable step length – depending entirely on the situation and speed. At the same time, the split forefoot section provides the required control on uneven terrain and for quick changes of direction – for example during sports activities.



The functional ring of the Triton Vertical Shock and the Triton Harmony ensures increased torsion capability for the foot.

For the user this results in a reduction of shear forces between residual limb and socket, which offers noticeable relief especially in demanding activities such as sports or physical work.



The Triton Vertical Shock and the Triton Harmony offer additional vertical deflection thanks to the functional ring.

Together with the spring deflection of the triangular carbon spring system, this effectively reduces vertical forces and eases the load on the residual limb.



The Harmony® P3 technology improves the connection between residual limb and socket, resulting in increased

proprioception and an additional plus in safety for every situation. The residual limb volume also gets significantly stabilized.

► For further information and a detailed comparison of the Triton feet with other feet from the Ottobock portfolio, please refer to the Foot Function Matrix Poster.



1C60 Triton

1 Adapter

Stainless steel pyramid with lightweight aluminum base.

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 split base spring made of high-performance polyester has a separate big toe and connects the forefoot and the heel spring

4 Carbon Attachment Spring

The attachment spring made of carbon fiber 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 heel wedge provides a simple method for adapting the Triton to the individual needs of the patient



1C61 Triton Vertical Shock

Adapter

Pyramid adapter made of titanium

2-in-1 Functional Ring

Elastomer ring for vertical shock absorption and torsion movements

Housing

Triton Vertical Shock housing made of lightweight aluminum

1C62 Triton Harmony®

Adapter

Pyramid adapter made of titanium

3-in-1 Functional Ring

Elastomer ring for vertical shock absorption and torsion movements. Inlet and outlet valve to generate vacuum

Housing

Triton Harmony housing made of lightweight aluminum

Triton Family of Products

The prosthetic feet in the Triton family of products are based on the interactive triangular spring system. Three interconnected spring elements ensure remarkably smooth rollover characteristics.

Thanks to their outstanding dynamics and flexibility, all Triton feet are suitable for a broad range of applications from everyday use to recreational sports.

- Harmonious rollover characteristics thanks to an interactive spring system comprising 3 interconnected spring elements
- Outstanding dynamics combined with energy storage and return
- Noticeable plantar flexion at heel strike
- Split forefoot for more safety, stability and control on uneven surfaces
- Especially long load-bearing foot length due to molded forefoot
- Adaptation of heel stiffness to individual user needs through use of included heel wedges
- Especially durable footshell with sandal toe. Choice of slim version with 5/8" (15 mm) heel height or normal version with 3/8" (10 mm) heel height

1C63 Triton Low Profile



Adapter
Pyramid adapter made of titanium

Triangular technology
with especially low structural height

1C64 Triton Heavy Duty



Adapter
Pyramid adapter made of titanium

Robust and waterproof,
for particularly challenging conditions

Advantages

Triton Family of Products



1C60 Triton

The versatile carbon prosthetic foot – perfect for meeting the needs of active users

- All advantages of the Triton family of products
- Suitable for users up to 330 lbs (150 kg) in MG 3 and 275 lbs (125 kg) in MG 4



reddot design award
winner 2011



1C61 Triton Vertical Shock

Increased shock absorption and torsion capability – for noticeable residual limb relief and improved stability with high activity

- Extended shock absorption with increased vertical deflection (5/8" / 15 mm)
- Additional torsion capability ($\pm 9^\circ$) for better adaptation on uneven terrain
- Reduced impacts and torsion forces between the residual limb and socket
- Compact design





1C62 Triton Harmony

The highly functional and compact prosthetic foot with integrated Harmony vacuum technology

- Stronger connection between residual limb and prosthesis for increased safety
- Reduced volume fluctuations
- Improved proprioception
- Extended vertical deflection (5/8" / 15 mm)
- Torsion capability ($\pm 9^\circ$)
- Reduced impacts and torsion forces between the residual limb and socket
- Compact design



1C63 Triton Low Profile

Triangular technology – for especially low structural height

- For users with limited clearance
- Particularly robust thanks to the use of a titanium adapter
- Waterproof
- Suitable for users up to 330 lbs/150 kg in MG 3 and in MG 4



1C64 Triton Heavy Duty

For particularly challenging conditions – at work or play

- Same dynamic response and flexibility as the 1C60 Triton
- Particularly robust thanks to the use of a titanium adapter
- Waterproof
- Suitable for users up to 330 lbs/150 kg in MG 3 and in MG 4

Technical Data

Triton Family of Products

Indication and area of application

The Triton feet are designed for moderately to highly active patients with transtibial amputations, knee disarticulations, transfemoral amputations or hip disarticulations. According to Ottobock MOBIS classification information, they are recommended for patients with mobility grade (MG) 3 and 4 – unlimited outdoor walkers and unlimited outdoor walkers with especially high requirements. The maximum permissible patient weight is 330lbs (150kg).



Technical Data	1C60 Triton	1C61 Triton Vertical Shock	1C62 Triton Harmony	1C63 Triton Low Profile	1C64 Triton Heavy Duty
Suitable for	MOBIS 3–4				
Max. body weight	150 kg/330 lbs (MOBIS 3), 125 kg /275 lbs (MOBIS 4)			150 kg/330 lbs (MOBIS 3 and MOBIS 4)	
Sizes	21 cm to 30 cm				
Footshell	Slim shape for 5/8"/15 mm heel height (sizes 21 cm–27 cm) Normal shape for 3/4"/10 mm heel height (sizes 24 cm–30 cm)				
Customization	Individual adaptation of heel function and rollover characteristics with two included heel wedges				
Weight without footshell (in size 26 cm)	approx. 16.2 oz/460 g	approx. 26.8 oz/760g	approx. 26.8 oz/760 g	approx. 14.6 oz/415 g	approx. 18.8 oz/535 g
Weight with normal footshell (in size 26 cm)	approx. 24 oz/680 g	approx. 34.6 oz/980 g	approx. 34.6 oz/980 g	approx. 22.4 oz/635 g	approx. 26.6 oz/755 g
Structural height (in size 26 cm)	5.9"/149 mm	7.7"/195 mm	7.7"/195 mm	2.5"/63 mm	5.9"/149 mm
Recommended knee components MG 3*	3R60, 3R46, 3R55, 3R95, 3R80, C-Leg, Genium				
Recommended knee components MG 4*	3R46, 3R55, 3R95, 3R80, C-Leg, Genium, X3				
Miscellaneous		• 5/8" / 15 mm vertical deflection • ± 9° rotation possible	• 5/8" / 15 mm vertical deflection • ± 9° rotation possible	Waterproof	Waterproof

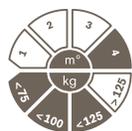
* All components are sold separately and are available Ottobock products that are compatible with the Triton foot, which help ensure optimal performance. Practitioners need to select components based upon individual patient criteria.

MOBIS

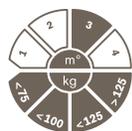
1C60, 1C61, 1C62



Up to 220 lbs/100 kg
Size 21–24 cm

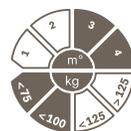


Up to 275 lbs/125 kg
Size 25–30 cm

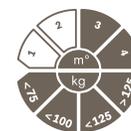


Up to 330 lbs/150 kg
Size 25–30 cm

1C63, 1C64



Up to 220 lbs/100 kg
Size 21–24 cm



Up to 330 lbs/150 kg
Size 25–30 cm

Order Information

Delivery of a Triton prosthetic foot includes the 2C6 Footshell, a transparent (soft) heel wedge and a black (firm) heel wedge. The footshell is available in a slim version (S) with 5/8" /15 mm heel height and a normal version (N) with 3/8" /10 mm heel height. Both footshells can be supplied in beige (4) or light brown (15).

1C60 Triton, 1C63 Triton Low Profile, 1C64 Triton Heavy Duty*

Body weight	Sizes									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
up to 55 kg/up to 121 lbs	1	1	1	1	1	1	-	-	-	-
56 – 75 kg/122 – 165 lbs	2	2	2	2	2	2	2	2	2	2
76 – 100 kg/166 – 220 lbs	3	3	3	3	3	3	3	3	3	3
101 – 125 kg/221 – 275 lbs	-	-	-	-	4	4	4	4	4	4
126 – 150 kg/276 – 330 lbs	-	-	-	-	5	5	5	5	5**	5**

* For the 1C64 Triton Heavy Duty, the delivery time may be extended by approx. 2 weeks.

** When combining this configuration of the 1C63 Triton Low Profile with the Genium, please contact Ottobock Customer Service.



Order example: 1C60, 1C63, 1C64

Article no.	=	Side	Size	-	Stiffness	-	P /	Color	Shape
1C60	=	R	27	-	3	-	P /	4	N

1C61 Triton Vertical Shock & 1C62 Triton Harmony (Spring Stiffness – Functional Ring Stiffness)

Body weight	Sizes									
	21 cm	22 cm	23 cm	24 cm	25 cm	26 cm	27 cm	28 cm	29 cm	30 cm
40–47 kg/88–103 lbs	1-0 special order – please contact Customer Service									
48–55 kg /104–121 lbs	1-1	1-1	1-1	1-1	1-1	1-1	-	-	-	-
56–65 kg/122–143 lbs	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2	2-2
66–75 kg/144–165 lbs	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3
76–87 kg/166–192 lbs	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
88–100 kg/193–220 lbs	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5
101–112 kg/221–247 lbs	-	-	-	-	4-6	4-6	4-6	4-6	4-6	4-6
113–125 kg/248–275 lbs	-	-	-	-	4-7	4-7	4-7	4-7	4-7	4-7
126–137 kg/276–302 lbs	-	-	-	-	5-8	5-8	5-8	5-8	5-8	5-8
138–150 kg/303–330 lbs	-	-	-	-	5-9	5-9	5-9	5-9	5-9	5-9



Order example: 1C61, 1C62

Article no.	=	Side	Size	-	Spring stiffness	-	Functional ring stiffness	-	P /	Color	Shape
1C61	=	R	27	-	2	-	3	-	P /	4	N

- Slim footshell available
- Both footshells available
- Normal footshell available

