

Otto Bock[®]

QUALITY FOR LIFE





What's new?

What's new about the C-Leg®compact? In short, we've added more safety and comfort. For example, a new standing and locking function can now be activated with a remote control. As a result, users can stand more securely on both legs. Swing phase features have also been considerably improved. All with one goal in mind: more safety, confidence and mobility.

C-Leg®compact users can walk confidently anywhere, including on uneven surfaces.

Even stairs and ramps are no longer insurmountable obstacles. But the best thing is that there's no longer a need to think about every step.

Those using the new C-Leg®compact for the first time as part of a trial or follow-up fitting often feel like they have received an unexpected blessing. But shouldn't it be natural to expect safety and comfort?

“All with one **goal** in mind: more **safety**,
confidence and mobility.”

C-Leg® compact
Our standard for safe walking.



Data

Facts and figures

A key feature of the C-Leg®compact is the smooth and reliable interplay between its micro-processor-controlled stance phase control and an optimized hydraulic swing phase.

The C-Leg®compact uses state-of-the-art technology to provide today's most effective protection against falling. The leg boosts confidence, even in uncertain everyday situations. The new standing and locking function, easily enabled via remote control, adds stability and comfort to any standing position the user chooses.

A new design rounds out the new C-Leg®compact: quality of life through functionality that is attractive, too.

Developed for: Mobility grades 2 and 3

Restricted and non-restricted outdoor walkers



Frame material: carbon fibre

Extremely rugged but lightweight

Weight: Approx. 1,236 g

Extra feature: Standing and locking function

Activated by remote control

Maximum body weight: 125 kg

Special fitting also available

Maximum knee flexion: 125°

Important for freedom of movement

Electronic control: Every 0.02 seconds

Captured in real-time for added stability

Duration of use: 40-45 hours

Maximum charging time is 5 hours

Warranty: 3 years

Includes mobility warranty

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Those who have learned to live with a prosthesis have also learned how to deal with the shortcomings of their fitting – whether they are conscious of this or not. Less active people in particular may begin to instinctively shy away from more challenging activities. They often feel overwhelmed, perhaps without admitting it to themselves. With the C-Leg®compact, they can

now experience what it's like to enjoy standing securely on two feet again. They can develop the courage to be a little more adventurous. This in turn boosts self-confidence and can even have positive effects in professional life – all thanks to the new C-Leg®compact.

**“This boosts
self-confidence.”**

C-Leg®compact



What is the difference between the C-Leg® and the C Leg® compact?

In developing the C-Leg® compact, we focused on the special security needs of less active users. As a result, we introduced a mechatronic stance phase control and optimised the swing phase control. The special modes of the C-Leg® compact are also tailored to the requirements of less active amputees.

Where can the C-Leg® and the new C-Leg® compact be purchased?

Any orthopaedic technician certified by Otto Bock can fit patients with a C-Leg®. Technicians offer comprehensive advice and tailor our first-class prosthetic systems to meet the amputee's exact needs. For information on which prosthetists have been certified for C-Leg® and C-Leg® compact fittings, please visit us at www.ottobock.com or contact one of our worldwide Otto Bock sales branches. These sources also provide detailed information on the C-Leg® product line.



Questions and answers

What happens when the battery of the C-Leg® or C Leg® compact runs low?

In the event of a power failure, the C-Leg® and C-Leg® compact automatically switch to a safety mode. A vibration warning informs the user that the battery is running low. In safety mode, the user can continue walking as the leg maintains stance phase resistance. It is then no longer possible to switch between the stance and swing phase.

What does a C-Leg® or C-Leg® compact fitting involve?

A complete fitting includes all components of the modular prosthesis, from the prosthetic foot to the knee joint system, including the custom socket fabricated by the orthopaedic technician and a cosmetic cover. This also includes fabricating and assembling the prosthesis and making individual adjustments and settings. Also covered are regular service inspections during the 3-year warranty period (can be extended to five years for the C-Leg®).



Technology

with probative force

Otto Bock has set a new Orthobionic® standard with its C-Leg®. This totally unique hydraulic leg system features a completely microprocessor-controlled stance and swing phase and uses cutting-edge technology to provide maximum responsiveness and stability. C-Leg® users can confidently tackle uneven terrain or descend stairs. Unlike conventional prosthetic systems, C-Leg® minimises the risk of falling immediately. A range of scientific studies has reconfirmed this fact again and again.

Whether the user is strolling about, walking quickly, making a sudden turn or stopping abruptly, the C-Leg® can adjust to any situation in just fractions of a second.

Dynamic C-Leg® users really value the 2nd mode. With the press of a button on the remote control, the C-Leg® can be switched to different settings for activities such as cycling, rollerblading, horse-back riding or cross-country skiing.

“The risk of falling is immediately minimised.”



Data

Facts and figures

A knee angle sensor measures step length and frequency and transmits this information to enable dynamic control of the swing phase. C-Leg® offers unsurpassed safety while walking thanks to features such as a load sensor that measures the heel strike and forefoot load. The integrated microprocessor coordinates all measurement and control processes. It ensures that hydraulic dampening adapts to the respective situation in real time.

Developed for: mobility grades 3 and 4

Non-restricted outdoor walkers
Unrestricted outdoor walkers with demanding requirements



Frame material: carbon fibre

Extremely rugged but lightweight

Weight: approx. 1,162 g

Extra feature: 2nd mode

Activated quickly and inconspicuously at the press of a button

Max. body weight: 125 kg

Special fitting also available

Maximum knee flexion: 125°

Dynamic activity requires freedom of movement

Electronic control: Every 0.02 seconds

Captured in real-time for added stability

Duration of use: 40-45 hours

Maximum charging time is 5 hours

Warranty: 3-5 years

Includes mobility warranty



C-Leg[®] – The fitting standard

C-Leg[®] technology offers crucial advantages right from the start, whether an amputation is medically indicated or the result of a trauma. To the inexperienced, it might seem best to “start out small.” But experts are of a different opinion. Because C-Leg[®] technology so closely emulates human physiology, it minimises the risk of falling, boosts confidence and relieves the locomotor system, especially during the difficult initial phase directly following an amputation.

A nice fact: Germany’s Social Court has asserted that any insured individual who can benefit from the C-Leg[®] is entitled to be fitted with the prosthesis.

“Already **more than 25,000 amputees worldwide are using our proven C-Leg[®] technology.**”



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