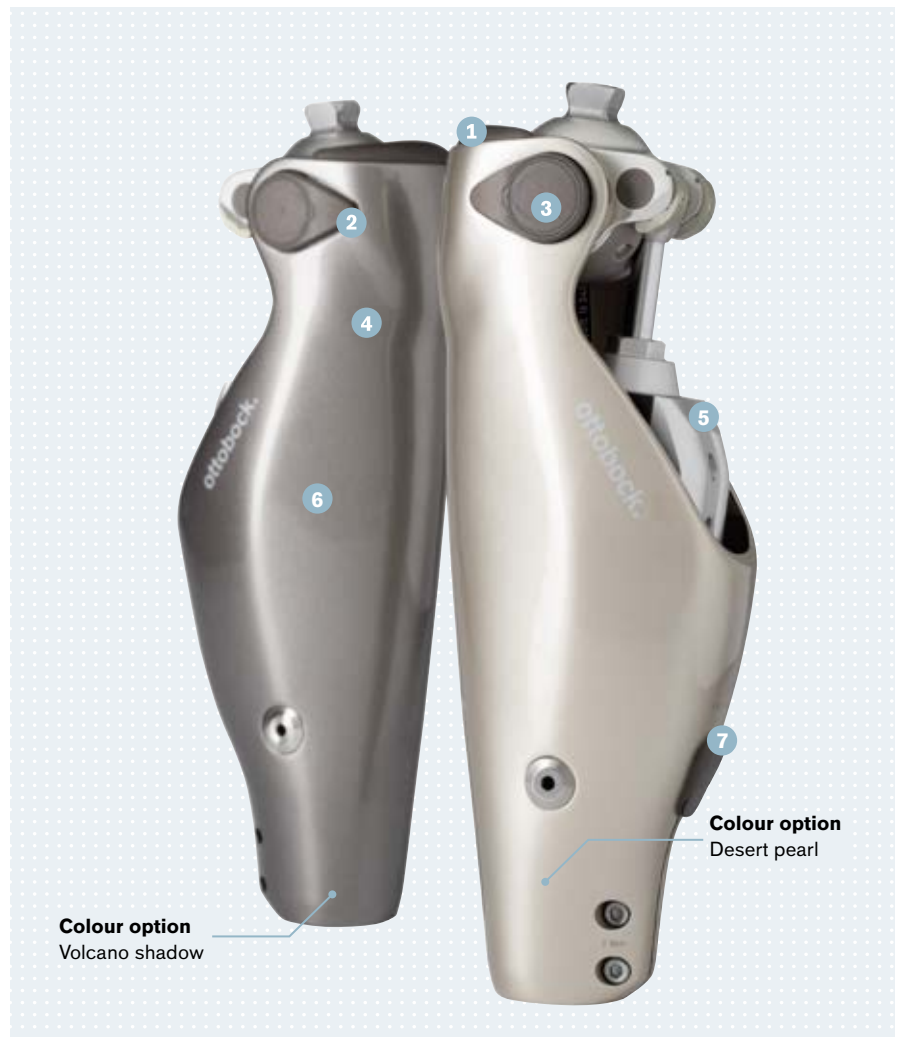


## C-Leg 4

- 1 Bluetooth®**  
Integrated Bluetooth® technology permits straightforward communication with the joint. Bluetooth® can be deactivated if necessary.
- 2 Knee angle sensor**  
The knee angle sensor measures the flexion angle and the angular velocity of the joint.
- 3 Battery and electronics**  
A lithium-ion battery provides the energy required to control the knee joint. It is located directly in the rotation axis of the C-Leg 4. Charging is recommended overnight when used by the patient on a daily basis. The integrated microprocessor coordinates all measurement and control processes.
- 4 Inertial motion unit (IMU)**  
The gyroscope and the acceleration sensors allow the position and acceleration of the C-Leg 4 in space to be measured. Prosthetic Control is based on motion analysis and additional force determination.
- 5 Hydraulic unit**  
The hydraulic unit controls the C-Leg 4. It generates movement resistance for flexion and extension during the stance and swing phase.
- 6 New carbon frame design**  
In order to withstand the varied demands of everyday life, the frame is made of carbon – an especially strong, high-grade and lightweight material. The frame houses and protects the electronics, the hydraulic unit and the battery. Thanks to its new design, the C-Leg 4 has a lower system height and therefore a larger fitting spectrum.
- 7 Charging**  
The receptacle for the charger is located on the back of the joint and protected by a cover.



### Advantages

- Walking on difficult surfaces like sand, gravel and stones
- Choice between intuitive and manual stance function
- User can walk backwards confidently without initiating the swing phase
- Smart control via the Cockpit app for Android smartphones

### Technical data

<b>MOBIS</b>	2, 3, 4
<b>Max. body weight</b>	136 kg
<b>Knee flexion angle</b>	130° without flexion stop <sup>1</sup>
<b>Weight of the knee joint</b>	1,235 g (pyramid adapter) 1,240 g (threaded connector)
<b>Frame material</b>	Carbon
<b>Moisture protection</b>	Weatherproof
<b>Colours available</b>	Volcano shadow, Desert pearl
<b>Tube adapter</b>	2R57*, 2R67

<sup>1</sup> Flexion stop reduces the knee flexion angle by 8°



### System solution

6Y85 Skeo Skinguard  
6Y87 Skeo 3D  
4R160=1 KISS lanyard

1C60 Triton  
1C61 Triton Vertical Shock