





# Triton<sup>®</sup> smart ankle

Reclaim your choice.

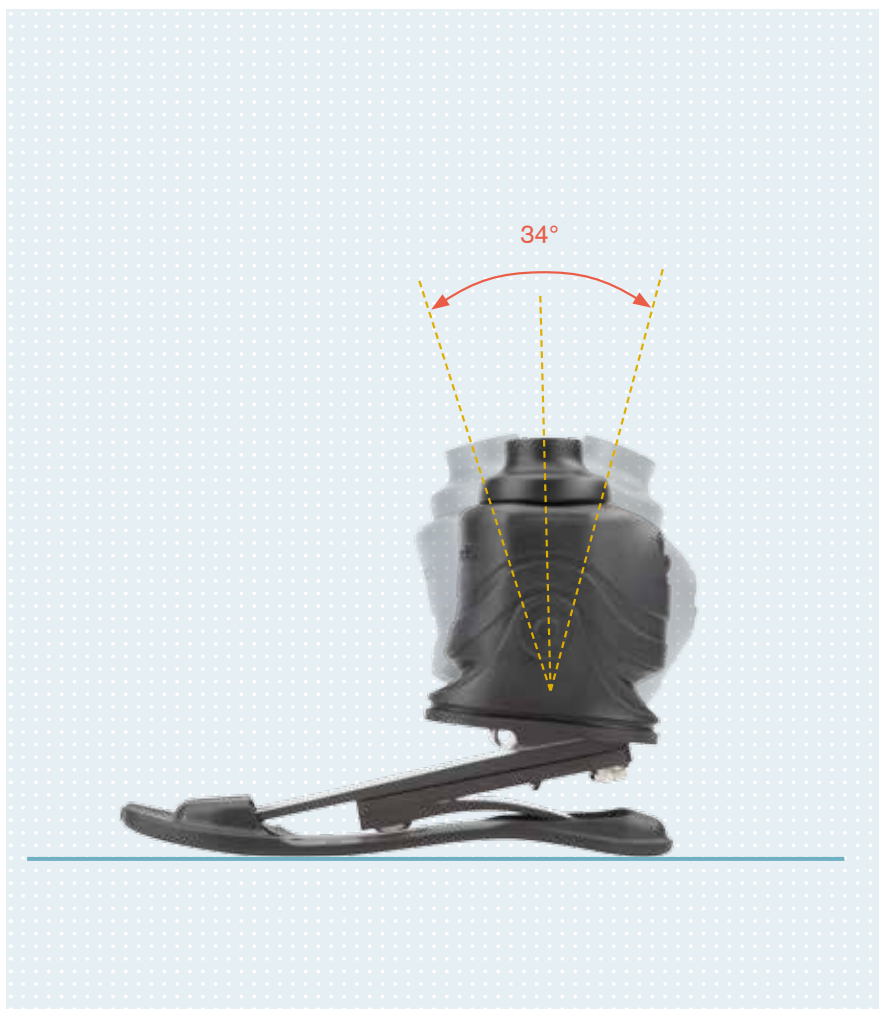
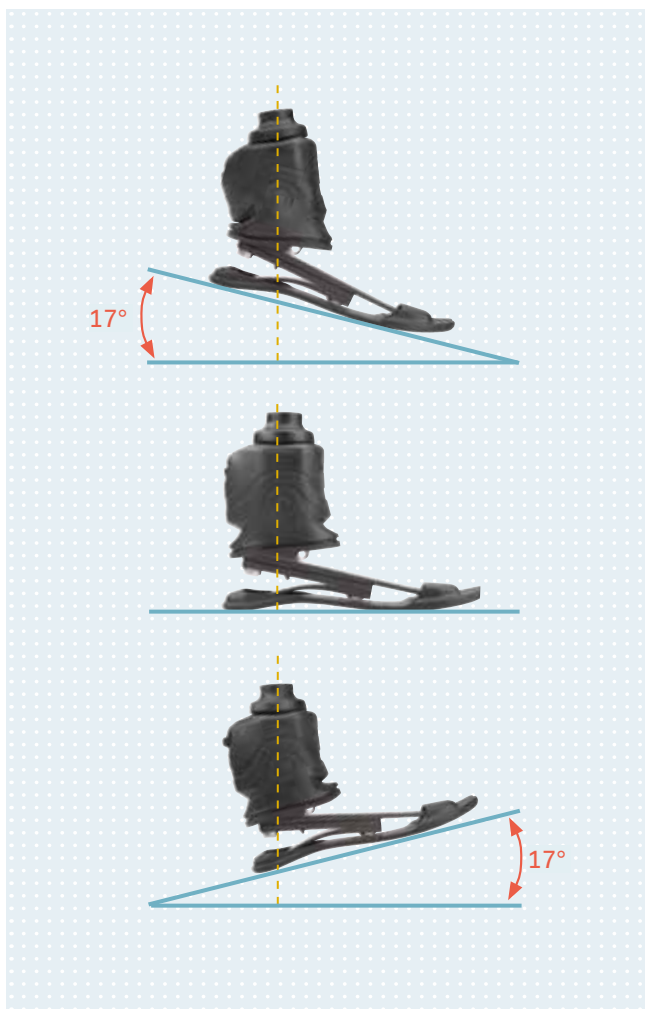


Quality for life

# Hydraulic ankle joint with 34-degree range of motion

The Triton smart ankle lives up to its name, combining the well-engineered Triton foot with the power of state-of-the-art microprocessor and sensor technology.

With 34° range of motion, the Triton smart ankle opens up possibilities for your patients by actively responding to changes in terrain and speed to make walking easier, especially on ramps, slopes, and stairs. Make the ankle even smarter by using the app (free in the Apple or Google Play stores) to fine-tune the foot. You can even set parameters for your patient to accommodate their activities of daily living. And the long-lasting battery life of up to 72 hours gives your patients the freedom to roam without worrying about running out of power.



# 1C66 Triton smart ankle

## Unmatched range of motion

With up to 17° of plantar or dorsiflexion, the Triton smart ankle offers incredible flexibility and ankle motion. This range also allows for heel height adaptation of up to 2 inches/50 mm that can be activated by the patient using the Galileo™ smartphone app or by pressing a button located directly on the ankle.

### Advantages:

- Walking is easier especially on ramps, slopes, and stairs
- Quick heel height adjustment allows patients to switch between different types of shoes throughout the day or even walk barefoot comfortably
- Free ankle motion can be activated by the patient to help make it easier donning and doffing pants

## Relief function

Activated while sitting or standing, the relief function supports ankle flexion to enable full surface contact with the floor. This results in a more natural foot appearance and provides relief for the residual limb especially in cramped spaces.

### Advantages:

- Sit comfortably and with a more natural appearance
- No need to balance on the heel or toe when standing on uneven ground
- Relief for the residual limb

### Force and moment sensor

Integrated Europa™ technology measures the forces and moments affecting the prosthesis and provides data for ankle adaptation.

### Battery and electronics

Protected inside the ankle joint, the integrated microprocessor coordinates all measurement and control processes.

### Hydraulics

The hydraulic's valve enables plantar flexion or dorsi flexion.

### Bluetooth

Integrated Bluetooth enables direct and easy communication with an iOS or Android device.

### Charging unit and operation

Two buttons for manual operation as well as an optical LED status display are located directly below the charging port.

### Angle and acceleration sensors

These determine the ankle angle and acceleration through space, feeding critical information to the microprocessor.

### Triton prosthetic foot module

The interaction of the three carbon fiber spring elements ensures smooth transition throughout the gait cycle. The split forefoot section provides stability and control on uneven ground.



## Galileo™ app for practitioners and patients

Setting up and programming the Triton smart ankle are completely wireless due to integrated Bluetooth technology. The ankle sensors are calibrated to the patient's gait pattern with the help of the app. The app also puts control in the palm of your patient's hand. Patients can monitor battery level, make heel height adjustments, and access the free ankle feature. Patients can even make changes to the Triton smart ankle's perceived toe stiffness.

### Advantages:

- Streamlined appointments with a quick and simple fitting process
- Patients have the freedom to adjust selected settings in real time
- Compatibility with both iOS and Android platforms

### Scope of delivery



Footshell foot cover  
2C66



Ankle cover  
2Z504=1



Ankle cover  
2Z505=1



Accessories  
757S7 625W26  
757L2



Heel wedges  
2F60



SL=Spectra-Sock

### Patient indications

- Transfemoral and transtibial levels of amputation
- Activity level K3
- Body weight of up to 220 lbs / 100 kg
- Foot sizes from 22 cm to 29 cm

### Patient contraindications

- Amputees with mobility grade 1 (indoor walker)
- Bilateral transfemoral amputees

### Technical Data

<b>Suitable for</b>	K3
<b>Max. body weight</b>	220 lbs / 100 kg
<b>Foot sizes</b>	22 – 29 cm
<b>Product weight</b>	1263 g / 44.5 ounces without footshell 1470 g / 51.9 ounces with footshell
<b>Clearance</b>	132 mm / 5.2 inches (system height) 150 mm / 5.9 inches