



A NEW ERA IN MOTION

POWER KNEE™

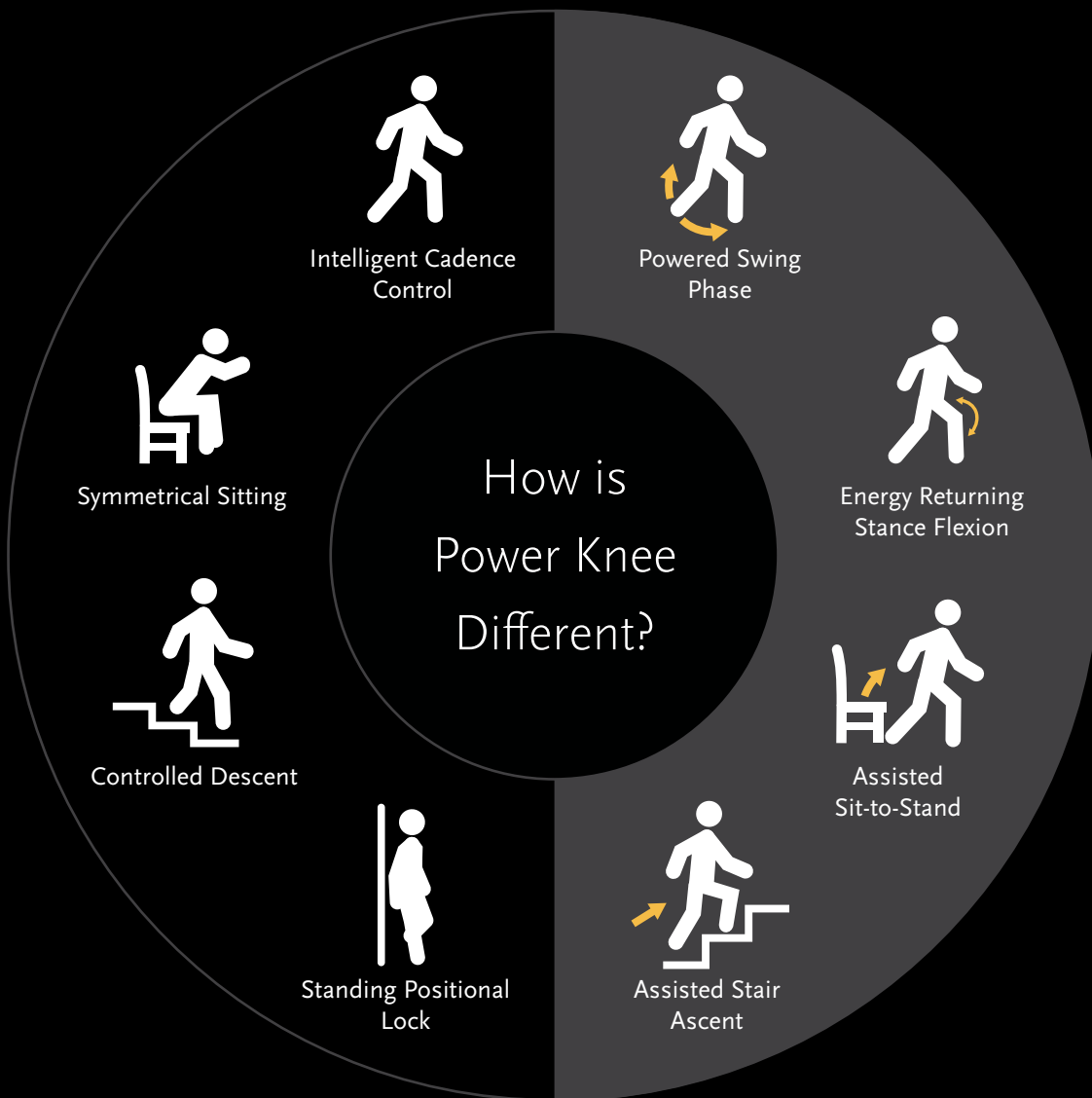


A NEW ERA IN MPK TECHNOLOGY

Microprocessor knees redefined mobility by utilizing data and adapting to motion in real time. Power knee is driving change just as dramatically. A unique blend of motor, sensors, and responsive technology that does more than intelligently control motion – it creates motion.

In the illustration below, the game-changing microprocessor functions are on the left, with the ground-breaking Power Knee functions on the right.

These incredible benefits have implications for sound side health and everything that reduced energy expenditure offers throughout gait. For people with transfemoral amputations – as well as bilateral, knee disarticulation, and hip disarticulation patients – the results are transformational.



○ Enhanced MPK Functions

● Unique Power Knee Functions



“ With Power Knee, I don’t worry about managing my leg, even as a hip-disarticulation-level amputee.”

– JAY

WHY POWER?

Power is essential for all of us, driving every move we make. Without power, people living with limb loss must find substitutes for lost muscle function.

Without power, life has more limitations.

With power, a prosthesis adds more to the mobility equation. In the same fitting time as other microprocessor knees, the Power Knee delivers more.

In short, life with power has fewer limitations.

Propelled by a harmonic drive motor, the world’s only actively powered prosthetic knee replaces lost concentric and eccentric muscle function throughout the gait cycle. The result?

Power Knee is proven to create more natural, symmetrical motion and significantly reduce the energy cost of walking.⁸

SYMMETRY

“ As a 76-year-old, I don’t have to work as hard to move my leg. That’s a big thing in my world.”

– JOHN



THE HIGH COST OF MOBILITY

Walking requires a complex pattern of muscle activity. For people with limb loss, learning to walk again often results in compensatory motions that come with a high physical cost.

As a result, **prosthetic wearers spend 30-60% more energy** than those with intact limbs¹³ and have asymmetric gait patterns.¹⁴⁻²² Not only does this impact day-to-day endurance, but it also leads to a **greater risk of low back pain and osteoarthritis** of the intact limb.²³⁻²⁷

Ultimately, anyone who wants to reduce strain on the rest of the body and have more energy to live life should explore Power Knee for themselves.

TRYING POWER IS EASY

Power Knee algorithms and Össur Logic activity profiles make fitting efficient, so you can quickly move to the main event: experiencing active power.

“It’s as easy as fitting any MPK out there. Hands down.”

– Corey Smith, Oakland O&P

ENDURANCE

- Requires less energy input for walking⁸
- Real time adaptation to speed and direction changes

SYMMETRY

- Achieves a closer approximation of normal gait⁸
- Powered lift offers even support for standing and ascending^{3, 4, 5, 7}
- Mimics natural concentric and eccentric muscle activity^{1,2}

STABILITY

- Controlled resistance throughout descent^{4,6}
- Active swing extension prepares for next step
- When your weight is quickly shifted to your Power Knee it locks, providing time for you to respond

ENDURANCE

“With Power Knee, my back pain is gone and my day goes on... and on.”

– QUEEN



STABILITY

“Power Knee is the best choice for the ups and downs of my demanding life.”

– ALLISON

POWER LEG

Whether you choose Össur Legs for patient satisfaction, efficiency, or outcomes, every Power Leg you order comes complete: Power Knee and your choice of Össur socket, liners, adapters, and feet.

DIRECT SOCKET TF

The perfect complement to Power Knee, Direct Socket adds study-supported benefits like:

- Improved stability, suspension, comfort and mobility¹²
- CLASS socket satisfaction scores increased 29.8% over baseline¹²

PROPRIO FOOT

Combine Proprio Foot® with Power Knee* for a complete Bionic solution:

- Selecting the Proprio with its active dorsiflexion has reduced the likelihood of falls by 70%⁹
- Reduced strain on sound side and involved limbs¹¹
- Improved safety, symmetry and comfort⁹⁻¹¹

*Power Knee is also recommended for use with all Pro-Flex® family feet.



SPECS

TECHNICAL SPECIFICATIONS

- Max patient weight: 256lbs (116 kg)
- Product weight (incl. battery pack): 5.8 lbs (2.65kg)
- Build Height: 10 ¾ in (27.6 cm)
- Knee Flexion: 120°
- Battery Life: 25 hours (during normal use)
- Charges fully in 5 hours and 30 minutes
- Weatherproof: rated IPX54, withstand splashing or running water and protected from dust ingress.

ORDERING

Available through the Össur Leg program:
PKA10003 Power Knee

- Includes Free Össur Logic app for setup

WARRANTY

36 month limited warranty on knee and charger

REIMBURSEMENT

In addition to microprocessor knee-related coding, the PDAC code L5859 was established in 2013 for actively powered knee function. Össur's 411@ossur.com hotline and R&R documentation provide reliable resources and support. Below is a list of PDAC verified L-codes:

- L5828
- L5845
- L5848
- L5856
- **L5859**



Explore Power Knee and find the citations for the articles that demonstrate these results:

go.ossur.com/try-power

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