Focused Solutions

Freedom Innovations is solely focused on developing world class lower limb solutions in close collaboration with amputees and prosthetists. These solutions encompass technological innovations, service, training, educational resources and consultative support to help ensure user satisfaction.

Plié® 3 MPC Knee Technical Specifications

- **Knee Flexion Available:** Pyramid adapter 125º; Threaded top 117º
- **Build Height:** Male pyramid top - 9.25" (235mm); Threaded top - 8.75" (223mm)
- **User Weight Limit:** 275 lbs (125 kg) moderate activity; 220 lbs (100kg) high activity
- **Product Weight:** 2.7 lbs (1,235 g)
- **Battery Life:** Greater than 24 hours depending on individual activity and storage practices
- **Water Resistance:** IP67, safe for occasional submersion in water for up to 30 minutes to a depth of 3ft (1m)

Plié® 3 Microprocessor Knee Warranty and Service

The Plié 3 MPC knee is covered by a 36 month warranty which remains in effect if the knee is submitted for service at 12 and 24 months. Service within the warranty period is provided at no charge and includes the use of a loaner unit.

When the knee is out of warranty after 36 months, it can be sent in for a repair estimate. Each knee is evaluated by our technicians and either full or partial repairs are recommended.

Freedom Innovations does not perform repairs on Plié knees that are older than five years as we cannot guarantee the performance of these products.

An extended warranty for up to five years post purchase is available at an additional charge. The extended warranty must be purchased within twelve months of the original Plié 3 invoice date.

Please contact Customer Service or your Regional Sales Manager for Warranty and Service issues.
Rapid response spool valve
Proprietary sensor and load cells with customized settings for advanced stumble recovery

Rapid response 8MHz microprocessor for response within 10 milliseconds
IP67 tested coated electronics for occasional submersion in water
Interchangeable batteries for on-the-go convenience

Watertight battery cap, color coded for ease of use
Integrated Alignment Guide shows the position of the TKA line to zero center
Improved fibre/Paren methylsiloxaneNeilson-based for durability

Stronger construction makes the new Plié® 3 Microprocessor Controlled (MPC) Knee both submersible and more rugged than ever. Yet it’s still the fastest MPC knee, responding 10 to 20 times more rapidly than other MPC knees. With the most responsive stumble and fall protection, users can instinctively move at their own pace in any direction...even if it’s taking small short steps or pivoting in confined spaces. And with a more streamlined, intuitive set up, the Plié 3 MPC knee makes it even easier for prosthetists to help patients expand their freedom.

Submersible
The water resistant coated electronics give people peace of mind when enjoying the outdoors. The Plié 3 can be safely submerged in fresh shallow water for up to 30 minutes at a time.

Smarter
Based on the clinical success of the Plié with over six years in the market, the Plié 3 delivers consistent performance. The new intuitive software has specific instructions to guide you through the set up process. Gait and Cadence Analysis can help estimate the amputee’s walking speed and show variable cadence capability to payors and referral sources.

Stronger
The new Plié 3 features more rugged internal components designed to improve durability and are tested to our rigorous standards.

Stronger Smarter Submersible
Our Rapid Response technology delivers a more natural transition from swing to stance. Resistance is based on swing flexion—not speed. The result is an instinctive action that feels more like a biological knee and ultimately reduces the amount of effort and energy used by the amputee.

10X faster response than competition
The response time is 10x-20x faster with the Plié 3 than when using the competitors’ product.
Rapid response technology delivers a more natural transition from swing to stance. Resistance is based on swing flexion – not speed. The result is an intuitive acceleration that feels like a biological knee and ultimately reduces the amount of effort and energy used by the amputee.

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New bearings and electronic components for an even smoother gait.

Integrated Alignment Guide shows the position of the TKA line 0-5mm anterior to the knee center.

IP67 tested coated electronics for occasional submersion in water.

Interchangeable batteries for on-the-go convenience.

Transformable battery option for on-the-go convenience.

Proprietary sensor and load cells with customizable settings for advanced stumble recovery.

Improved immersive touchscreen interface designed for durability.

Intrinsically safe mini-sensor provides for safety.

8MHz microprocessor for response within 10 milliseconds.

Gait and Cadence Analysis.

Rainproof, shockproof, and submersible.

Watertight battery cap, color coded for ease of use.

Submersible The water resistant coated electronics give people peace of mind when enjoying the outdoors. The Plié 3 can be safely submerged in fresh shallow water for up to 30 minutes at a time.

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**Target Users**

- K3 amputees that need customized stumble recovery for a variety of activities
- All K3 and K4 amputees that need a knee that adjusts to both walking and running
- Ambulate with variable cadence on uneven terrain
- Have adequate hip strength in flexion and extension
- Occasional Water Exposure

---

**Functional Requirement**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Ambulation and ability to climb steps/stairs</td>
<td>Shopping &amp; Browsing</td>
</tr>
<tr>
<td>Safety</td>
<td>Outdoor Hiking</td>
</tr>
<tr>
<td>Comfortable</td>
<td>Fishing</td>
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**Ability to negotiate crowds**

- Negotiate stationary and moving obstacles
- Negotiate crowded areas quickly

---

**Occasional Water Exposure**

- Submersible
- Non-submersible

---

**Sports**

- Recreational Athlete
- Racing
- Training
- Running
- Sprints
- Triathlons

---

**Global Headquarters**

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- Toll free: 888-818-6777
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- Fax: 949-672-0084
- www.freedom-innovations.com

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- Phone: 31 (0) 53 20 30 300
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**Stronger**

- Smarter

---

**Submersible**

- Fisherman
- Boating
- Dock Worker
- Fishing
- Pool Attendant
- Beach Activities
- Wading

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</tr>
<tr>
<td>Functionality</td>
<td>Shower</td>
</tr>
<tr>
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