**Function Matrix – Prosthetic Feet**

*Skyline Allied Healthcare*

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### Indoor Walker

- **Main priorities:**
  - Max. body weight: 150 kg
  - Reduced vertical and torsion forces between residual limb and socket
  - Multiaxial behaviour to compensate uneven terrain
  - Water resistant
  - For users with limited clearance
  - Excellent dynamics and flexibility of 1C60 Triton
- **System Height:** 131 mm / **Clearance:** 149 mm (size 26/normal footshell)
- **Max. body weight:** 150 kg (Triton HD: 150 kg up to MG4)

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### Restricted Outdoor Walker

- **Main priorities:**
  - Preferably lightweight
  - Easy roll-over, good energy return and harmonious transition from stance phase to swing phase due to the dynamics of ramping towers
- **System Height:** 177 mm / **Clearance:** 195 mm (size 26/normal footshell)
- **Max. body weight:** 125 kg

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### Unrestricted Outdoor Walker

- **Main priorities:**
  - Light weight carbon fiber foot
  - High standing and walking stability combined with multi-axial behaviour to compensate for uneven terrain
- **System Height:** 68 mm / **Clearance:** 87 mm (size 26)
- **Max. body weight:** 125 kg

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### Unrestricted Outdoor Walker with Especially Rigorous Demands

- **Main priorities:**
  - High vertical and especially on uneven ground
  - Light weight carbon fiber foot
- **System Height:** 92 mm / **Clearance:** 111 mm (size 26)
- **Max. body weight:** 125 kg (without adapter) / 150 kg (with adapter)

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**Legend**

- Primary Properties: Relevant for the foot plate design for a transtibial amputee with higher Forefoot Dynamics than an amputee in MG 1.
- Secondary Properties: Relevant for the foot plate design for an amputee in MG 1.

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**Primary Properties**

- **Heat Stiffness**: Low to high
- **Effectiveness Flexibility**: Low to high
- **Heel Lever**: Short to long
- **Vertical Deflection**: Low to high

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**Secondary Properties**

- **Midstance Flexibility**: Low to high
- **Forefoot Compliance**: Low to high
- **Foot Flat**: Low to high
- **Deflection**: Low to high

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**MOBIS 1**

- Heat Stiffness: Low
- Effectiveness Flexibility: High
- Heel Lever: Short
- Vertical Deflection: Low

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**MOBIS 2**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Long
- Vertical Deflection: High

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**MOBIS 3**

- Heat Stiffness: Medium
- Effectiveness Flexibility: Medium
- Heel Lever: Medium
- Vertical Deflection: Medium

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**MOBIS 4**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Short
- Vertical Deflection: Low

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**Primary Priorities**

- High vertical and especially on uneven ground
- Light weight carbon fiber foot

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**MOBIS 1**

- Heat Stiffness: Low
- Effectiveness Flexibility: High
- Heel Lever: Short
- Vertical Deflection: Low

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**MOBIS 2**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Long
- Vertical Deflection: High

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**MOBIS 3**

- Heat Stiffness: Medium
- Effectiveness Flexibility: Medium
- Heel Lever: Medium
- Vertical Deflection: Medium

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**MOBIS 4**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Short
- Vertical Deflection: Low

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**Primary Priorities**

- High vertical and especially on uneven ground
- Light weight carbon fiber foot

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**MOBIS 1**

- Heat Stiffness: Low
- Effectiveness Flexibility: High
- Heel Lever: Short
- Vertical Deflection: Low

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**MOBIS 2**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Long
- Vertical Deflection: High

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**MOBIS 3**

- Heat Stiffness: Medium
- Effectiveness Flexibility: Medium
- Heel Lever: Medium
- Vertical Deflection: Medium

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**MOBIS 4**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Short
- Vertical Deflection: Low

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**Primary Priorities**

- High vertical and especially on uneven ground
- Light weight carbon fiber foot

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**MOBIS 1**

- Heat Stiffness: Low
- Effectiveness Flexibility: High
- Heel Lever: Short
- Vertical Deflection: Low

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**MOBIS 2**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Long
- Vertical Deflection: High

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**MOBIS 3**

- Heat Stiffness: Medium
- Effectiveness Flexibility: Medium
- Heel Lever: Medium
- Vertical Deflection: Medium

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**MOBIS 4**

- Heat Stiffness: High
- Effectiveness Flexibility: Low
- Heel Lever: Short
- Vertical Deflection: Low