

A Super Specialized Hi-Technology Rehabilitation Services Center

High end Bionics Micro Processor Controlled Prosthetic Products PROSTHETIC PRODUCT CATALOGUE



Iso available in Android and Apple Store



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www.pointernational.in





MOVE NATURALLY

SAFETY • SYMMETRY • CONFIDENCE AT USERS AND PE

of prosthetists report

of

SAFET



of users report a

reduction in falling

*Based on responses to a Össur survey by 17 ampute and prosthetists who user SYMBIONIC LEG for at lea

eeks. Results may vary

%





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more even stride length increased activity.





"SYMBIONIC LEG has helped restore the way that I experience everyday life. Each step I take is without even thinking about it. I have the confidence to approach whichever path I choose. I don't have to look down all the time - instead I can look around me as I walk, relaxed in the knowledge that my leg will react appropriately. This natural posture makes me feel good about myself. My disability is no longer obvious... I use both my legs, I'm as active socially as lever was." Hans-Jan van Dongen, The Netherlands

SYMBIONIC LEG 3 The Latest generation of the world's first and only complete Bionic Leg



PROSTHETIC FEET...

SACH FOOT



PI-IN05

Heel Height 10 mm, Wood keel Size:20-30 cm

SEATTLE NATURAL DYNAMIC FOOT



- Indications: Medium activity, K3, maximum
- weight of 111 kg (245 lbs) Slim, low profile foot
- accommodates women's shoe styles Life-like cosmesis developed from
 - molds of real women's feet

SEATTLE CARBON LIGHT FOOT



Indications:

- Max weight limit: 124 kg (275lb) for medium activity level.
- Product Weight 373 g for size 25 cm.
- Min clearance: 3.8 cm (1.5") from keen top to cosmesis mosis

FLEX FOOT BALANCE

FCT0





FBPOxyyz

ÖSSUR

ASPLF

ASPIRE FOOT

The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort; leading to optimum patient compliance. Its full length toe lever and multi-axial design offer a smooth transition from heel strike to toe off that is absent in most competitively priced feet.

- **User information** •
- Amputation Level: Transfemoral & Transtibial
- Impact Level: Low

Indications:

- Weight of Foot:
 - 490 gm (17.3 oz) w/ Pyramid & Foot Cover
- Adapter Options: Male Pyramid

The Aspire Foot features an all-carbon blade design, with a dynamic heel and smooth rollover character, sandal toe, closed foot cover and low build height make it ideal for the target markets and a convenient universal fit.

Indications :

- Amputation Level:
- Impact Level:
- Maximum Patient Weight:
- Sizes:
- Weight Of Foot: .
- Build Height Standard:
- Heel Height:
- Adapter Options:
- Flex Foot Characteristics:

Transfemoral, Transtibial Low to High 100 kg (220 lbs) 22-28 660 gm w/ Pyramid and Foot Cover 80 mm w/Pyramid and Foot Cover 10 mm Fixed Male Pyramid proportional response, sandal toe

FLEX FOOT ASSURE



The Flex-Foot Assure is ideal as a first prosthesis or a more permanent option for the less active, particularly those experiencing poor vascular health and/or diabetes.

Indications:

- Amputation Level:
- Impact Level:
- Maximum Patient Weight:

Foot information :

- Categories:
- Sizes: •
 - Weight of Foot:
- Build Height:
- Heel Height: .
- Adapter Options:
 - www.pointernational.in

Transfemoral and Transtibial I ow 136 kg (300 lbs)

1-5 19-30 (Size 27) 620 gm (21.9oz) w/ Pyramid and Foot Cover (Size 27) 125 mm (4.9") w/ Pyramid and Foot Cover 10 mm (3/8") Male Pyramid or Fiberglass Tube

CHOPART

This 100% carbon keel is designed to be a flexible and durable solution for the longest amputation levels and partial foot prostheses. Includes a 10mm heel height for compatibility with standard Flex-Foot shells and low-heel shoes.

Chopart is specifically designed for people with chopart amputations as well as lisfranc, pirogoff, boyd and partial foot prostheses.

ÖSSUR.



Impact Level:
 Maximum Patient Weight:
 Foot information :

Categories:

- Sizes:
- Weight of Foot:
- Build Height:

Transtibial Amputees Lisfranc, Pirogoff, Boyd and Partial Foot Amputees Low to High 147 kg (324 lbs)

1-8 22-30 (Size 27) 94 gm (3.3 oz) (Size 27) 6 mm (1/4")

FLEX SYMES

FCA0

CHPOOxyv

 $\label{eq:extremely low build height with a Carbon-X^{\circledast} \mbox{ Active Heel and alignment options. The Flex-Symes foot design is a carbon foot module connected to an actively deflecting carbon heel.$



VARI FLEX WITH EVO / LP VARI FLEX WITH EVO



1.1

Carbon Tube

The Vari-Flex with EVO provides an exclusive combination of comfort and dynamics.

The Vari-Flex with EVO is light-weight, easy to assemble and has a slender profile which makes it easy to cosmetically cover.

The LP Vari-Flex with EVO is designed for users with long residual limbs that do not have enough clearance for the Vari-Flex with EVO.

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Indications (The Vari-Flex with EVO) :			Indications (The LP Vari-Flex with EVO) :		
•	Amputation Level:	Transfemoral & Transtibial	Amputation Level:	Transfemoral & Transtibial	
•	Impact Level:	Low to High	 Impact Level: 	Low to High	
•	Maximum Patient Weight:	166 kg (365 lbs)	 Maximum Patient Weight: 	166kg (365lbs)	
F	oot information :		Foot information :		
•	Categories:	1-9	Categories:	Size 22-24, Cat. 1-5 /	
•	Sizes:	22-30		Size 25-30, Cat. 1-9	
•	Weight of Foot:	(Size 27) 700 gm (24.7oz)	Sizes:	22-30	
	w/		 Weight of Foot: 	(Size 27) 540 gm (19oz) w/	
		Pyramid & Foot Cover		Pyramid & Foot Cover	
•	Build Height: 11/16")	(Size 27) 170 mm (6	• Build Height:	(Size 27) 68 mm (2 11/16") w/ Pyramid and Foot Cover	
		w/ Pyramid & Foot Cover	Heel Height:	10 mm (3/8")	
•	Heel Height: 3/4")	10 mm & 19 mm (3/8" &	Adapter Options:	Male Pyramid or Lamination Adapter	
•	Adapter Options:	Fixed Male Pyramid, Quick-Align™ Male Pyramid or			

VARI FLEX XC



XCPE

Representing the latest advances in Flex-Foot technology, Vari-Flex XC combines superb dynamics and comfort for a range of activities.

Indications :

- Amputation Level:
- Impact Level:
- Maximum Patient Weight:

Foot information :

- Categories:
- Size: Weight of Foot:
- Build Height:
- Heel Height:
- Adapter Options:

Transfemoral & Transtibial Low to High 166 kg (365 lbs)

1-9 22-30 (Size 27) 712 gm w/ Foot Cover and Sock (Size 27) 155 mm (6 1/8") w/ Male Pyramid & Foot Cover 10 mm (3/8"), 19 mm (3/4") available on special order Male Pyramid

LP ROTATE WITH EVO

The LP Rotate with EVO has been specially designed for people with long residual limbs, which have insufficient clearance for the Re-Flex Rotate with EVO.



Indications :

- Amputation Level:
- Impact Level:
- Maximum Patient Weight:

Foot information :

- Categories:
- Sizes:
- Weight of Foot:
- Build Height:
- Heel Height:
- Adapter Options:

Transfemoral and Transtibial Low to High 147 kg (324 lbs)

1-8 22-30 (Size 27) 870 gm (30.7 oz) w/ Pyramid & Foot Cover (Size 27) 149 mm (5 7/8") w/ Pyramid & Foot Cover 10 mm (3/8") Male and Female Pyramids

RE FLEX SHOCK WITH

Re-Flex Shock with EVO offers the best vertical shock absorption of all mechanical feet. With dynamic energy return and all around responsiveness the foot is a great choice for active users.



Indications :

- Amputation Level:
- Impact Level: Maximum Patient Weight:

Foot information :

- Categories:
- Sizes:
- Weight of Foot:
- Build Height Standard:
- Build Height Tall:
- Heel Height:
- Adapter:

Transfemoral and Transtibial Low to High 166 kg (366 lbs)

1-9 22-30 (Size 27) 1048 gm (35.4 oz) w/ Foot Cover (Size 27) 210-238 mm (8 1/4" - 9 3/8") w/ Foot Cover & Male Pyramid (Size 27) 255-288 mm (10" - 11 5/16") w/ Foot Cover & Male Pyramid 10 mm(3/8"), 19 mm(3/4") available on special order Male Pyramid

KINTERA HYDRAULIC FOOT

- Low to moderate impact K3 level users who would benefit from improved stability and comfort
- Transtibial and transfemoral; Unilateral and bilateral amputees
- Users with knee or flexion limitations



- Indications :
- Range of Ankle Motion:
- Sizes:
- Build Height (average):
- User Weight Limit:
- Product Weight (average):
- Stiffness Categories:
- Split Toe:
- Heel Height:
- Foot Shell CAP: .
- Skin Tones:
- Attachment Type:

12° 22-31 cm 120 mm (4.3 in) 25 cm 125 kg (275 lbs) 795 g (25 cm, incl. foot shell) 7 (low & moderate impact) Yes 10 mm (3/8 in) Upon request 3 Male pyramid

PROPRIO FOOT

PROPRIO FOOT is an adaptive prosthetic device for low to moderately active below-knee amputees that mimics natural foot motion. Motor-powered ankle motion increases ground clearance and reduces the risk of tripping and falling. This allows users to traverse different kinds of terrain in a natural and secure way.



FLEX RUN WITH NIKE SOLE

The Flex-Run with Nike Sole offers unmatched performance & efficiency for amputees and prosthetists.



Indications :

- Amputation Level:
- Impact Level:
- Maximum Patient Weight:
- Foot information :
- Categories:
- Sizes:
- Weight of Foot (Cat. 5):
- Build Height:
- Adapter Options:

Transfemoral and Transtibial High to Extreme 130kg (287lbs)

1-9 One Size Per Category 400 gm (14.1 oz) 694 gm (24.4oz) with Sole & Male Pyramid 261 mm (10 1/4") 277 mm (10 7/8") with Sole and Male Pyramid Male or Female Bolt on Pyramid

FLEX FOOT CHEETAH XTREME

The blade of champions – inspired by the world's fastest. Cheetah Xtreme is the optimal short-distance sprinting foot, a holder of multiple world records. The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimized for the blade.



Indications:

- Amputation Level:
- Impact Level:
- Maximum Patient Weight:

Foot information

- Categories:
- Sizes:
- Weight of Foot:
- Max Build Height:
- Min Build Height:
- Adapter Options:

Transfemoral and Transtibial Extreme 147kg (325lbs)

1-9 One Size Per Category 918 gm (32.4 oz) 530 mm (20 14/16") 375 mm (14 3/4") Lamination Connector

FLEX FOOT CHEETAH XTEND

Kick into high gear with a responsive and comfortable ride from start to finish.

The Cheetan Xtend is the perfect companion for longer sprints and short-distance running (400-5000 m). This highly effective carbon fiber blade has a continuous curve toward the toe offering a smooth rollover.



Indications:

- Amputation Level:
- Impact Level:
- Maximum Patient Weight: Foot information
- Categories:
- Sizes:
- Weight of Foot:
- Max Build Height:
- Min Build Height:
- Adapter Options:

Transfemoral and Transtibial Extreme 147 kg (325 lbs)

1-9 One Size Per Category 750 gm (26.4 oz) 451mm (17 3/4") 330 mm (13") Lamination Connector

ASPIRE™ KIT

The Aspire product line is an economic transtibial solution, targeted for moderate to high activity level prosthetic users. Available in a complete kit consisting of a silicone locking liner, ratchet pin lock, endoskeletal adapters, and carbon foot, it is the right choice for many amputees. The Aspire series is specially designed for emerging markets in Asia, where durability and affordability are important, along with functionality and cosmesis.

LINER

Locking umbrellamore secure suspension 3mm stiff Silicone: increases durability, better soft tissue stabilization 10cm matriximproves distal end stability, decreases elongation

Textile: easier donning and doffing, more cosmetic color



COMPONENT SET

Aluminum material: lightweight, strong, durable

Ratchet lock: audible lock increases feeling of safety for user Offset tube clamp adapter, offset female pylon: easier fabrication and alignment.

FOOT

Carbon composite material: good energy storage and return, smoother rollover Sandal toe foot cover: better cosmesis Dust shield: protects foot, increases durability 80mm low build height: suitable for most amputation lengths 660g lightweight design: decreases energy consumption Soft or stiff heel firmness: suitable for different user body weights and activity levels

COMFORTABLE AND DURABLE

Intimate suspension and stabilization of soft tissues Soft but durable silicone protects residual limb, and reduces shear forces and peak pressures within the socket

OPTIMAL FUNCTIONALITY

Advanced carbon fiber technology that allows high energy return reduces impact on the residual limb and helps amputees to walk more easily

EASY FABRICATION AND ADJUSTMENTS

Single-step lamination

NEW adjustable alignment components helps for easy fabrication and adjustments.





A S P I R E

PATIENT PROFILE		
Amputation Level:	Transtibial	1
Impact Level:	Low to High	
Maximum Patient Weight:	100kg	1

PRODUCT INFORMATION

Build Height:	193-329mm

LINER INFORMATION ASPIRE		
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36	
Profile:	3mm	
Matrix:	10cm	
Measurement:	4cm Above the end of the stump	

FOOT INFORMATION

Stiffness	Soft or Firm
Sizes:	22-28
Weight of Foot: (Size 27)	660g w/ Pyramid and Foot Cover
Build Height: (Size 27)	80mm w/ Pyramid and Foot Cover
Heel Height:	10mm
Adapter Options:	Fixed Male Pyramid

www.ossur.com



ICECAST MSS MATERIAL KIT

Aspire kit can be used with Össur Modular Socket System (MSS) technology, please contact us to get more information.



Kit ordering information

PART#	DESCRIPTION	INCLUDES
ASPLxyyz		Aspire Component Set, Aspire Foot & Foot Cover
AS-BLLxx	Aspire Liner	Aspire Liner

x: S \$oft) or F (firm) yy: size 22-28 z: R (right) or L (left)

Please specify when ordering brown covers, add "BR" to the end of the part number.

xx: Size 18-36



UNITY[™] SLEEVELESS VACUUM SYSTEM

UNITY™ SLEEVELESS VACUUM SYSTEM

Unity®

Unity offers the security and freedom of vacuum suspension, but without the sensation and restrictions of a sleeve. This advanced system from effectively addresses volume fluctuation and is totally compatible with Flex-Foot technology.

Key advantages:

- No sleeve required: Greater mobility and user acceptance
- 15-22 in Hg Vacuum: Effective volume stabilization
- Simple design: Quick and easy to achieve/release vacuum
- Independent pump: Foot function uncompromised
- Light weight: Complete system weighs only 130 gm

Unity for all:

With the Unity Vacuum System, there is finally an elevated vacuum system for all users. Whether an above-knee or belowknee, low active or high active, mechanical or microprocessor solution is required, the Unity Vacuum System offers the flexibility to combine a variety of feet and knees to achieve the optimal combination of equipment for each unique user.

COMPATIBLE FEET FOR UNITY®



Re-Flex Rotate with Evo (RSPE)



Re-Flex Shock with Evo (SSPE)



LP Rotate with Evo (VLXE)



Proprio Foot PRP2



LP Vari-Flex with Evo (VEPExy00)



Vari-Flex with Evo (VFQE)



Vari-Flex XC (XCPE)

KNEE JOINTS....

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KNEE JOINTS....

BASIC MECHANICAL KNEE JOINTS

Safety Knee Joint



- The knee is designed to use the swing axis and the brake axis as a loaddependent brake.
- The function of the axis friction is adjustable for improving control of the swing phase.

Functions:

Friction Adjustment

Technical Data :

- Material: Stainless Steel
- **Overall Length:** 75 mm
- Weight: 498 gm
- Knee Flexion Angle 140°
- Mobility Level 1~2
- Max. Body Weight 100 KG





- 4-bar polycentric structure ensures stance phase stability
- Adjustable extension assist
- Adjustable flexion and extension resistances

Technical Data :

- Knee Type: Polycentric
- Poly. Knee Type: 4-Bar
- Activity Level: Low to Moderate (K1-K2)

Black

156°

- Weight Limit:
- Attachment:
- 146 mm (5 3/4") **Build Height:**
- Overall Height: 156 mm (6 1/8") 618 gm (21.8oz)
- Weight:
- Colour:
- Knee Flexion:

4 Bar Mechanical **Knee** Joint



- It can change to different adaptors
- High stability and reliability
- Lightweight design
- Extension stop can be adjusted according to your needs
- It can change to different adaptors according to the needs.
- KD Socket Adaptor
- Pyramid
- No adaptors, it can connect directly with the socket

Technical Data :

•	Weight	690 gm	750 gm
•	Material	AL	AL
	Matelat Linet	100 1	100 ka

Weight Limit 100 kg

Modular Single Axis Knee with Locking

Mechanical monocentric knee joint with brake function and optional manual lock



Material

Weight

- Amputation Level
- Overall fitted height (1)
- Effective fitted height (2)

Fitted height (3)

• Prox. connection

Aluminum Above-knee

100 kg (220lbs)

Proximal Pyramid

- approx. 115 mm approx. 63 mm
- approx. 23 mm approx. 495 g
- Pyramid
- Dist. connection
- Swing phase
- · Stance phase
- Axes
- Flexion angle
- Integrated 30 mm tube receiver Integrated extension spring Adjustable axle geometry Monocentric
 - approx. 145° without socket

Four Bar Linkage Knee Joint With Manual Lock



The special features is 4 bar linkage stabilize free Knee joint, also use a lock. This Knee joint is appropriate for 15 years of young boy (Active patient) up-to 45 years (As a free Stabilize Knee Joint), after 50-80 can use as a autolock, unlock suitable for all above knee amputee patient male/ female.

Technical Data :

640 gm Weiaht Material AL 100 kg Weight Limit





The Balance Knee is designed to offer the less active user a high level of security and stability.

Technical Data :

- Amputation Level: Transfemoral
- Impact Level: Low
- Max. Patient Weight: 125 kg (275lbs)
- Weight Of Knee: 590 gm (20.8oz)
- Build Height: 154 mm (6 1/6")
- Knee Flexion:
 - 180° (165° with
 - Locking feature)

PNEUMATIC KNEE JOINTS

Tehlin HY-STAN 4 Bar Pneumatic Knee



This state-of-the-art prosthetic knee module provides lightweight, unequaled function and durability for the active, to extremely active, above knee amputee. All bearing axis ensure unsurpassed smoothness of action. The device and its full adjustability provides variable cadence with an optimum gait while providing the highest degree of cosmesis.

Technical Data :

- Material Carbon fiber
- System height 260 mm
- System weight 920 gm
- Maximum 130°
- flexion angle
- Maximum 100 kg
 - body weight

4 Bar Pneumatic Knee Joint



- New double-chamber pneumatic unit improves the swing phase to ensure a natural gait by independent flexion and extension adjustment which be amended based on patient's weight and personal habit.
- CNC manufactured increases the structure strength.
- Fashion external.

Technical Data :

- Material
- **Overall Length**
- Weight
- **Knee Flexion**
- Mobility Level
- Max. Body

Aluminum 205 mm

- 713 gm
- 2~3

145° Angle

- 100 kg

4 Bar Pneumatic Knee Joint



The RP1 pneumatic knee is the first RayoMe first series product. We hope the RP1 users have light of life and a confidence participate daily in usual daily activities and can create a joyful life. With orange and black color design represents the power and the personality of prosthesis. The adjustable design of the pneumatic cylinder can be fine-tuned the knee flexion and extension velocity independently more natural stable gait.

Technical Data : Material

Aluminum alloy, Titanium alloy

- - Maximum 159°
- flexion angle
- Maximum body weight

Total Knee 1900 (Elastic Polymer Swing Control)

The industry standard in polycentric knees, the Total Knee, has been redesigned and given a whole new look. Now the knee is stronger and more durable. The knee accommodates everyday walking requirements. Through use of friction within an elastic polymer medium, the swing phase is controlled and steady. That combined with the extension promoter which assists in limiting heel rise and moving the knee into a fully extended position, ensures every amputee has access to the superior attributes of a Total Knee.



- Technical Data :
- Amputation Level:
- Impact Level:
- Maximum Patient Weight:
- Weight of Knee:
- **Build Height:**
- Knee Flexion:

A-114040

Low 100 kg (220 lbs) 675 gm (23.8 oz) 173 mm (6 13/16") Stop at 160°



A-834300 S A-835300 T

A-845300

Transfemoral, Knee Disarticulation

- System height 233 mm System weight 980 gm

 - 125 kg
- Weight

HYDRAULIC KNEE JOINTS

Tehlin Hydraulic, Polycentril Knee



- High efficiency hydraulic cylinder system
- Special 4-bar mechanical design with adjustable initial ICR
- The resistances of flexion and extension are adjusted Independently
- Carbon Tube

Technical Data :

Material: alloy System height:

System weight:

- Aluminum alloy, Titanium
- 273 mm 1060 gm
 - 138°
 - 125 kg Apple Green, Wine Red,
- Maximum body weight: Modular connector options: Pearl White

Maximum flexion angle:

Six Bar Hydraulic Knee Joint W/L Thread AD



The NK-6 has an unique 6-Bar polycentric structure, which provides stability in the stance phase. An original mechanical sensing mechanism, the p-MRS system automatically detects the walking status and then controls the stability accordingly. The stance flexion feature and the smooth swing phase by a hydraulic cylinder provide a comfortable gait to the user.

Technical Data :

•	Prox	imal	Connection	
	C 1			

- Selective Lock Total Length
- A ref. measurement
- B ref. measurement
- Weight
- Max. Knee Flexion Angle
- Material
 - Max. Body Weight
- Prosthesis & High Active User) Mobility Grade 2+3, Mobility Class 2+3)

980 gm 170° Titanium & Aluminum 125 kg (100 kg for Hip Low ~ Mid Active (K-Level

Screw Head

197 mm

14.5 mm

156 mm

Yes

Six Bar Hydraulic Knee Joint W/L Pyramid



The NK-6 has an unique 6-Bar polycentric structure, which provides stability in the stance phase. An original mechanical sensing mechanism, the p-MRS system automatically detects the walking status and then controls the stability accordingly. The stance flexion feature and the smooth swing phase by a hydraulic cylinder provide a comfortable gait to the user.

Yes

197 mm

156 mm

940 gm 170°

14 mm

Male Pyramid Adapter

Titanium & Aluminum

125 kg (100 kg For Hip

Low ~ Mid Active (K-Level

Technical Data :

- **Proximal Connection**
- Selective Lock
- Total Length
- A ref. measurement
- B ref. measurement
- Weight
- Max. Knee Flexion Angle
- Material
- Max. Body Weight
- Prosthesis & High Active User) Mobility Grade 2+3, Mobility Class 2+3)

Total Knee 2000



The Total Knee, has been redesigned and given a whole new look. Now the knee is stronger and more durable. This is the go-to knee for superior shock absorption, increased comfort and a more natural gait. Mid-swing shortening offers increased toe clearance during swing to prevent hip-hiking and the 3-phase hydraulic swing control seven bar linkage accommodates changes in walking speed. Plus, the adjustable stance flexion feature mimics the knee flexion that occurs during early stance, reducing shock and stress on the residual limb.

Technical Data :

- Amputation Level: Disarticulation Impact Level: Maximum Patient Weight: Weight Of Knee: Build Height:
- Knee Flexion:

Transfemoral, Knee

Moderate to High 100 kg (220 lbs) 690 gm (24.3 oz) 173 mm (6 13/16") Stop at 160°

MAUCH KNEE

 multi-speed ambulation Ultra-durable Aluminum frame Weight limit of 136 kg (300 lbs) Roller bearings at knee axis & cyl Yielding stance control Mode selector switch allows mar 	em with swing and stance control (SNS®). Designed for linder attachment points for smooth action nual locking and free swing functions. n Stance Resistance kits are also available
Amputation Level:	Transfemoral
Impact Level:	Moderate to Extreme
 Maximum Patient Weight: 	136 kg (300 lbs)
Weight Of Knee With Cylinder:	1.14 kg (40 oz)

MKN01360

248 mm (9 3/4") Stop at 115°

MAUCH KNEE PLUS



The Mauch Knee Plus is a heavy duty version of the Mauch Knee. Built on the same advanced technology, it was developed in order to accommodate the needs of users requiring a higher weight limit. A slightly different and more robust frame means that the Mauch Knee Plus offers all of the benefits of the standard Mauch Knee to patients up to 166 kg (365 lbs).

Technical Data :

Build Height:

Knee Flexion:

- Amputation Level:
- . Impact Level:
- Maximum Patient Weight:
- Weight Of Knee With Cylinder:
- Build Height:
- Knee Flexion:

Transfemoral Moderate to Extreme 166 kg (365 lbs) 1.21 kg (42.68 oz) 210.5 mm (8 5/16") Stop at 125°

TOTAL KNEE 2100



The Total Knee 2100 is a highly refined knee with 3-phase hydraulic swing control designed to withstand the rigors of more active amputees. With a weight limit of 125kg (275lbs) and 25% increased fluid capacity over Model 2000, the Total Knee 2100 offers the ultimate in stability, control, efficiency and durability. **Technical Data:**

- Amputation Level:
- Impact Level: •
- Maximum Patient Weight: • Weight Of Knee:
- Build Height:
- Knee Flexion:

Transfemoral, Knee Disarticulation Moderate to Extreme 125 kg (275 lbs)

900 gm (1.98 lbs) 175mm (6.9") Stop at 160°



ELECTRONIC KNEE JOINT



Users can walk naturally without feeling awkward. The Intelligent Knee was the world's fist computerized knee. At each step, the microprocessor monitors the user's walking speed, and automatically controls the swing speed of the knee joint.

Technical Data :

- Max. flexion Weight limit •
- Battery life

160° 100 kg 2 years (approx.)

HYBRID KNEE

Nabtesco		A highly accurate yielding function is embodied in our new Intelligent Knee. To the controlled power of the hydraulic system we have added soft pneumatic control. This fusion of microprocessor controlled technologies gives you a hybrid system that prevents unnerving buckling at the knee, and enables easier walking in greater comfort.		
PI	-N1-C311	Technical Data : • Max. flexion • Weight limit • Battery life	140° 125 kg 2 years (approx.)	
POLYCENT	FRIC KNE	E JOINT WITH 3	-VALVE HYDRAULIC	
	<u>medi</u>	 Above-knee amputation or knee disarticulation Mobility classes 3,4 Max. body weight 220 lb 		
P	I-N1-OH5	Technical Data : • Material • Max. flexion • Weight limit • Total fitted height(1) • Effective fitted height (2) • Fitted height (3)	Aluminum 150° 965 kg approx. 199 mm approx. 147 mm approx. 32 mm	
OP4 PNEU	MATIC M	ONOCENTRIC K	NEE JOINT	
	<u>medi</u>	 Above-knee amputation Mobility class: moderate 3 Maximum body weight 220 lbs Technical Data : Material Max. flexion Weight limit 	Aluminum 145º 680 kg	
P	I-N1-OH4	 Total fitted height(1) Effective fitted height (2) Fitted height (3) 	approx. 198 mm approx. 146 mm approx. 26 mm	
PLIE 2.0 M	PC KNEE			
		Plié2.0's electronic components are sealed for water resistance. However, the product is not intended for frequent submersion in water and should not be used as a swimming or shower prosthesis. Repeated submersion will result in corrosion of metal parts which will degrade knee performance. If the knee comes into contact with salt or chlorinated water, it should be rinsed with fresh water and dried immediately. If the knee requires general cleaning, wipe the outside surfaces with a cloth and rubbing alcohol. For further information about how to care for your Plié 2.0MPCKnee, contact your prosthetist.		



ÖSSUR® RHEO KNEE[®]3 (RKN120007)

A PERFECT BALANCE OF STABILITY AND DYNAMICS.





Bionic Protector for RHEO KNEE: BIC00110 (Optional)

RECOMMENDED CODING

Use existing L-codes for reimbursement:

- · RHEO KNEE 3: Use existing L-codes for reimbursement:
- L5856, L5828, L5845, L5848, L5850, L5925, L5930*

Bionic ProtectorL: 5705

- INDICATIONS
- · Transfemoral and knee/hip disarticulation amputees
- · Low to moderate impact levels
- · Maximum patient weight is 300 lbs (136kg)
- **TECHNICAL SPECIFICATIONS**
- · Minimum build height: 9 ¼" (236mm)
- Device weight: 3.59lbs (1.63kg)
- · Battery life: up to 72 hours, depending on level of activity
- **RHEO KNEE 3 KIT OPTIONS**
- RHEO KNEE 3: RKN130007
 RHEOLOGIC Workbench Software: RKNLPCWB1 Bionic Protector for RHEO KNEE 3: BIC00110
- · 24-month extended warranty: RKN2YRADDWARRNTY
- **RHEO KNEE 3 WARRANTY/SERVICE**

36-month limited warranty, no mandatory service check Optional 24-month extended warranty available for purchase, includes 40-month service check



RHEO KNEE[®]3



CHILD PROSTHETICS....

RioZoi6

CHILD'S PLAY FOOT



- Pediatric model of the Seattle LightFoot
- Dynamic response keel and smooth rollover
- Shock absorption

• Appropriate for all lower limb pediatric amputees, including Symes Indications: Pediatric amputees, maximum weight of 65 kg • 144 lb Child's Play Foot, Caucasian 13-21 cm 65 kg • 144 lb Product Sizes -13-21 cm



FLEX-FOOT JUNIOR



Flex-Foot Junior is a low profile and energy storing foot module with integrated male pyramid. The shape of the male pyramid contributes to progressive stiffening of the foot and the layering of the carbon fibre is specifically designed to offer the support and flexibility needed for the active lifestyle of children.

USER INFORMATION				
Maximum Patient Weight	45kg			
FOOT INFORMATION				
Categories	1-3			
Sizes	16-21cm			
Weight of the the foot (Size 21) with male pyramid	180g			
Features				

FLEX-RUN™ WITH NIKE SOLE

The Flex-Run with Nike Sole offers unmatched performance and efficiency for amputees and prosthetists.



Össur and Nike have artnered to design the ideal running foot from the ground up, leveraging Össur's unmatched expertise in running prosthetics with Nike's world renowned traction and sole technologies. Flex-Run with Nike Sole is appropriate for Transfemoral and Transtibial users participating in high impact activities such as ecreational jogging, trail running, distance running and triathlons.

USER INFORMATION	
Maximum Patient Weight Impact Level	130kg High to Extreme
FOOT INFORMATION	
Categories Weight of the foot (Size 21) with sole and male pyramid	1-9 694g

CHILD KNEE JOINTS

Total Knee® Junior



INTRODUCTION

- · Paediatric polycentric knee with geometric locking system
- Weight limit 45kg
- Adjustable stance flexion feature
- Adjustable extension promoter
- 160° of knee flexion available
- Weight of unit 380g



- · Various adaptors for choice
- Light weight width various function adjustments

Aluminum +

110 mm

322 gm

150°

1~2

55 kg

Stainless Steel

- Colorful Appearance
- · Easy to fit and maintain
- For 22mm diameter tube
- Technical Data :
- Material:
- Length:
- Weight:
- Knee Flexion Angle:
- Mobility Level
- Max. Body Weight

Aluminum +
Stainless Steel
110 mm
348 gm
140°
1~2
55 kg

HIP JOINTS....

Ø

HIP JOINTS....

HY-STAN HIP JOINT



Designed for patients with hip disarticulation Knee flexion angle apprx.120° Abduction.adduction and flexion/extension are continuously adjustable.

Technical Data :

- Material
- System weight
- Maximum body weight

830g 100 kg

Stainless Steel

The Hy-Stan structured TH-01 provides similar functions to those of TGH-01 except for the material. It is specially designed for the hipdisarticulation or hemipelvectomy amputee requiring high security and perfect function in a cost effective consideration. Perfection in adjustable mechanism allows for up to 20° of hip flexion which provides ample hip movement for normal ambulation. The pre-bent lamination plate and angled knee connector help reduce overall fabrication and fitting time.



Technical Data:

- Material
- System height
- System weight
 Maximum flexion angle
- Maximum hexion angle
 Maximum body weight
- Modular connector options
- Aluminum alloy 220 mm 760 gm 115° 100 kg TLP-AAH, TLP-SAH

4 BAR HIP JOINT



The KK-700 is a polycentric knee joint with mechanical extension and flexion assist.

Indications:

- Suitable for hip disarticulation or hemi-pelvis amputees.
- Body weight below 90 kg for regular function level amputees.
- Suitable for normal walking pattern amputees.

Technical Instruction:

- Very stable for amputees during walking gait.
- Light weight.
- Easy to fit and maintain.

GRAPH-LITE HIP JOINT



The TGH-01 which is a combination of advanced engineering and the latest material technique offers the unique feature of a spring loaded mechanism build into the component. The main frame is constructed of graphite composite fibers with alloy struts to minimize weight without compromising strength. The pre-bent lamination plate and angled knee connector help reduce overall fabrication and fitting time.

Indications:

- Material
- System height
- System weight
- Maximum flexion angle
- Maximum body weight
 - Modular connector options

Carbon fiber 250 mm 600 gm 115° 100 kg TLP-AAH, TLP-SAH

SILICONE LINERS.....

€ 25

ICEROSS SEAL-IN[®] X5 TRANSFEMORAL LINER

Its airtight fit is thanks to the flexible silicone suction suspension system, and its minimized pistoning and enhanced rotational control allows patients to enjoy greater comfort and stability.



User information :

- Amputation Level:
- Impact Level:

Liner information : Size Standard:

- Size Conical:
- Profile:
 - Matrix:

Transfemoral ΔII

25,26.5,28,30,32,34,36,38,40,45,50,55. 25,26.5,28,30,32,34,36,38. 3 mm **Full Length**

ICEROSS SEAL-IN®

Thinner, tougher, longer, with a moveable seal for personalized fit. A new Seal-in liner has been designed specifically to address the challenges faced by a large number of people with transfemoral amputations. For many, various pressure points and the shape of their residual limb causes problems with a suction suspension liner.



ÖSSUR

Iceross Seal-In® X TF features the latest advances in Seal-in technology, with a separate and moveable seal to suit individual TF needs.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard:
- Size Conical:
- Iceross Characteristics:
- Suspension Method:
- Size Seal Rings:

Transfemoral All 25,26.5,28,30,32,34,36,38,40,45,50,55. 23.5,25,26.5,28,30,32,34,36,38,40. fabric cover, active skin care, silken inner surface, conical seal-in 26,28,30,32,35,38,41,44,47,51,55,60,65,70

ICEROSS[®] TRANSFEMORAL LOCKING



Iceross Transfemoral is the first suspension liner exclusively designed to provide maximum stability and control for transfemoral amputees. With new textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard:
- Size Conical: Profile: Matrix:

Transfemoral

All 25,26.5,28,30,32,34,36,38,40,45,50,55. 25.26.5.28.30.32.34.36.38. 2 mm Std and 3 mm Con Full Length

ICEROSS SEAL-IN® X5 TRANSTIBIAL LINER



The Iceross Seal-In X5 incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard: •
- Profile:
- Matrix:

Transtibial All 18,20,22,23.5,25,26.5,28,30,32,34,36. 3 mm 10-13 cm

TRANSFERMORAL LINER PI-AKDT / PI-AKFR

AKDT Liner : Designed with the user in mind, the ALPS Extreme Prosthetic Liner is the perfect fit for transfemoral and active transtibial amputees.

The Extreme offers 80% less vertical stretch than our other gel liners, which allows users to experience more control and stability during increased activity. The AKDT is formulated with ALPS GripGel, which contains properties that help facilitate the donning process as well as reduce pistoning and bunching behind the knee.

Features:

- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with form fitting
- Wider distal end for ease of donning
- Offered as both a locking and cushion liner
- Distal ends are proportionate to the size of the liner
- Extended warranty with the purchase of two liners
- Available in two different thicknesses: 3mm uniform, 6 mm uniform



AKFR Liner : The Extreme Cushion Prosthetic Liner was specifically designed to meet the needs of transfemoral and active transtibial amputees. With 80% less vertical stretch than our other gel liners, the AKFR is made to withstand the demands of high activity users. Manufactured with ALPS GripGel, the Extreme Cushion Liner contains properties that have been specially formulated to assist patients with donning and suspension.

Features:

- Limited vertical stretch reduces movement of redundant tissue
- One year warranty with the purchase of one and two year warranty with two
- Available as a cushion or locking liner
- Offered in 3mm and 6mm uniform thicknesses

EASY LINER PI-ELDT / PI-ELFR

ELDT Liner : The Easyliner Prosthetic Liner was specifically designed to help promote optimum skin health in patients. Its unique formulation of ALPS EasyGel contains a special blend of antioxidants that are meant to prevent and repair damage caused by free radicals. This feature makes the Easyliner an ideal choice for diabetics or patients with adherent scar tissue or grafted skin.



Features :

- Reinforced seams for improved durability
- High performance fabric
- . Easy for patients to don and doff .
- Superior elongation
- Offered as both a locking and cushion liner
- Available in three thicknesses
- ELFR Liner: The Easyliner Cushion Liner is especially useful for patients with sensitive skin tissue and skin irritation issues. Its soft gel texture is formulated with ALPS EasyGel to offer users a gentle and soothing alternative to traditional gel liners. The ELFR contains a rich blend of antioxidants that help promote healthy skin by effectively preventing and repairing damage caused by free radicals and hydroxyl groups. This unique quality enables the ELFR to be a superior choice for vascular patients, severe diabetics, and users with grafted skin or adherent scar tissue.

Features:

- Can be purchased as either a cushion or locking liner
- Maximum durability with reinforced seams
- Outstanding elongation
- High performance fabric for increased versatility .
- Facilitated donning process for patients
- Available in three thicknesses

2.4mm SSUR 3.2mm

AS-BLL

ASPIRE LINER

3mm Stabilo Silicone : Firm but gentle silicone provides increased durability and better soft tissue stabilization; reduces shear forces and peak pressures inside the socket

10cm Stabilizing Matrix : Minimizes longitudinal stretch and pistoning Distal Umbrella : Properly distributes suspension forces Textile Fabric Surface : Easier to don and doff; more cosmetic color

Sizes:

18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36

ICEROSS COMFORT® LOCKING LINER



Iceross Comfort is an exceptional liner for residual limbs with bony prominences prone to pressure peaks.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard:
- Profile:
- Matrix:

Transtibial Low to Moderate 16,18,20,22,23.5,25,26.5,28,30,32,34, 36,40,45. 3 mm or 6 mm 10 cm or Custom 2-14 cm

ICEROS® ORIGINAL LOCKING LINER WITH COVER



The Iceross Original is easy to don and doff and is recommended for users from low to high activity levels who require good stability and suspension. The Stabilizing Matrix effectively minimizes pistoning.

Specifications:

- Amputation Level:
- Impact Level:Size Standard:
- 31Ze St 34,
- 54,

Profile:

Matrix:

Transtibial Low to High 16,18, 20, 22, 23.5, 25, 26.5, 28, 30, 32,

36, 38, 40, 42, 45 2 mm 10 cm or Custom 2-14 cm

ICEROSS DERMO® CUSHION LINER WITH WAVE



This liner provides superb softness, gentle skin contact and unique Active Skin Care ingredients. The combination of DermoGel[®] silicone with an ultra-strong and elastic Supplex[®] fabric cover offers excellent durability and an intimate fit.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard:
 - 32,34, 36, 40
 - Profile:

Transtibial Low to High 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30,

3 mm

ICEROSS DERMO® CUSHION LINER



This liner provides superb softness, gentle skin contact and unique Active Skin Care ingredients. The combination of DermoGel[®] silicone with an ultra-strong and elastic Supplex[®] fabric cover offers excellent durability and an intimate fit.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard: 34, 36, 40
- Profile:
- Profile

Transtibial Low to High 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32,

3 mm or 6 mm

Iceross Comfort® Cushion Liner



Iceross Comfort is designed with silicone and a nylon fabric cover. Iceross Comfort is an exceptional liner for residual limbs with bony prominences prone to pressure peaks, and/or conical residual limbs.

Specifications:

- Amputation Level:
- Impact Level:
- Size Standard: 36, 40
- Profile:

Transtibial Low to Moderate 16, 18, 20, 22, 23.5, 25, 26.5, 28, 30, 32, 34,

3 mm or 6 mm

SUSPENSION SLEEVE

Iceross® Sleeve



The Iceross Sleeve generates good suction, more security and less resistance at the knee.

The profile of the sleeve is thicker around the socket brims, focusing on strength at selected areas to reduce wear and tear.

Specifications:

- Amputation Level: Transtibial
- Impact Level: All
- Size: 35, 41, 49, 55, 62





The Iceflex Endurance suction suspension sleeve is designed to fit over any definitive prosthetic socket. When used with a distal locking device, it provides additional security to users. In some cases the Iceflex Endurance can serve as a locking device in itself when used over a liner and definitive socket with a suction valve, ensuring that no air enters the definitive socket from above.

Specifications:

- Measure circumference 15 cm (6") above mid-patella
- Size: 35 to 62
- Length: 36 mm

Below Knee Foam Cover B

Below Knee Suspension Belt

EasySleeve Fabric Reinforced - SFS



EasySleeve Fabric Reinforced has superior comfort provided by GripGel. The elasticity of the fabric still allows the user excellent freedom of knee flexion. The SFS also achieves secure suspension by sealing with the skin without restricting circulation, while the GripGel sticks to the patient's skin without causing shear forces. The grip will help prevent the sleeve from rolling down the patient's limb because of the nature of the GripGel.

Specifications:

- High performance fabric
- Durable
- Longer lengths to accommodate more users
- Available in 6 mm and 3 mm uniform thickness

Above Knee Suspension Belt



www.pointernational.in -

SHUTTLE LOCK, SUCTION VALVE & TF SUSPENSION BELT

Aspire Shuttle Lock	Shuttle Lock	(Bull dog)	ICELOCK®	100 series
L676000/621200			PI-L-125000	
Shuttle Lock (Lamin.)	PI-3 GEN A		Green Dot super	
	Shuttle Lock (Draping)		Trulife	valve
PI-SL 600A	PI-DSSL PP		PI-239	901000
Icelock Expulsion Valve 552 series	ICELOCK [®] 500 series		Rotation	adapter
	ČISSUR.			1888b
L-552000	L-551002		PI-D-TKR-01	
Turn Table	Turn Table vniprox°		Turn Table Nabtesco	
			Contraction of the second seco	
РІ-КРА-07	PI-TA1/TA2		PI-N-R100	
Water proof Prosthetic Leg Cover	Water proof Prosthetic Full Arm Cover	Easy Proth Don-Sleeve for Prosthesis	Cosmetic Socks Below / Above Knee	Cosmetic Socks Below / Above Knee
Model-PL-11,13,15,17,19/Size:XS to XL	Model-FA-12,14,16,18 Size:XS to XL	Size: XS to XL	PI-BK-CS/PS-AK-CS	PI-KS-41/PI-KS-42

BELOW KNEE MODULAR COMPONENTS

Below Knee Kit (Entry Level)

	iow miee m					
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
0						
PI-241-10	PI-P231-16	PI-P246-20	PI-P251-14			
Below Knee Kit (Economy) 🔊						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
0						
PI-241-10A	PI-P231-16A	PI-P246-20A	PI-P251-14A			
Below Knee Kit (European) 🔊						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
	6					
PI-270-11	PI-P271-12	PI-P272-13	PI-P271-14			
Below Knee Kit (European) 🔊						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
PI-M441-10S PI-M441-10T	PI-M431-16S PI-M431-16T	PI-M446-20S PI-M446-20T	PI-M451-14S PI-M451-14T			

ABOVE KNEE MODULAR COMPONENTS

Above Knee Kit (Entry Level) 🔊

1 210						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
0						
PI-241-10	PI-P247-17	PI-P246-20	PI-P245-11			
Above Knee Kit (Economy) 🔊						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
0	(=					
PI-241-10A	PI-P345-11	PI-P246-20A	PI-P345-12			
Above Knee Kit (European) 🔊						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
PI-270-11	PI-P271-15	PI-P272-13	PI-P271-16			
Above Knee Kit (European) 🔊						
Sach Foot adapter	Short Tube with 4 screw adapter	Tube Clamp adapter	Pyramid Adapter with 4 screw			
PI-M441-10S	PI-M431-15S	PI-M446-20S	PI-M451-14S			

ABOVE KNEE JOINTS





Locate us

DELHI MUMBAI KOLKATA PATNA BANGLORE HYDERABAD PUNE CHENNAI LUDHIANA NAGPUR CHANDIGARH BHANGALPUR SHIMLA DEHRADUN LUCKNOW