

PROSTHETICS CATALOGUE 2023

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XPROS PRODUCT CATALOGUE 2023

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OUR MISSION

Xpros is a distributor of prosthetic and orthotic goods.

For the past twenty years we have supplied quality assistive devices and peripherals to private practices and government institutions across Southern Africa.

Our aim is to supply prosthetic and orthotic goods of top quality with solid warranties, at prices that take due cognizance of African economic realities. All of our products carry internationally recognised quality certifications.

The facilitation of disability lifestyle is what drives our service and our team endeavours to understand the needs of practices and patients alike.

Quality, value and service is our mantra.



SEMI-CUSTOM MADE

Manufactured by REGAL

SEMI-CUSTOM MADE PROSTHESIS

MANUFACTURED BY REGAL



1 Take accurate positive cast

2 Complete template and accompanying documents

3 Take photos of sound and damaged side

4 Cast is dispatched to manufacturer

5 Fitment of trial prosthesis indicating possible changes that may need to be made

6 Fitment of definitive prosthesis

NB

Trial prosthesis takes approximately 5 - 6 weeks for manufacture and definitive prosthesis takes a further 3 weeks to manufacture

SEMI-CUSTOM MADE PROSTHESIS

MANUFACTURED BY REGAL



High definition, life-like cosmetic prostheses.

AVAILABLE MODELS:

Partial hand prosthesis

Partial foot prosthesis

Toe prosthesis

Please visit our website to download the templates
www.xprosortho.com



SILICONE PROSTHESIS

Manufactured by REGAL



SILICONE COSMETIC GLOVE MODEL 100L

- High definition silicone prosthetic glove
- Detailed hand prints and life-like veins and knuckles
- Designed to fit a functional / mechanical hand
- Reinforced finger tips

SPECIFICATIONS:

Material:	Silicone
Sizes:	7¼ 7¾ 8
Warranty:	12 months



HIGH DEFINITION SILICONE COSMETIC HAND MODEL 102LS

- High definition silicone prosthetic hand
- Detailed hand prints and life-like veins and knuckles
- Designed for wrist and above wrist amputation
- Wired fingers
- Passive inner hand foam filling
- Integrated wrist connector
- Longer length model available - 102LSL

SPECIFICATIONS:

Material:	Silicone
Warranty:	12 months



SILICONE PARTIAL HAND MODEL 103

- High definition silicone prosthetic partial hand
- Detailed hand prints and life-like veins and knuckles
- Designed for partial hand amputees
- Removable, modifiable foam insert
- Integrated zip

SPECIFICATIONS:

Material:	Silicone
Warranty:	12 months

Refer to our website for the REGAL sizing charts.
www.xprosortho.com



SILICONE PARTIAL FOOT WITH CARBON BLADE AND ZIP HDSF-ER

- High definition silicone prosthetic foot cover
- Detailed foot prints and life-like veins and knuckles
- Designed for partial foot amputation
- Reinforced sole with carbon fibre energy return foot plate
- Removable, modifiable foam insert
- Integrated zipper (not included in warranty)

SPECIFICATIONS:

Material:	Silicone
Sizes:	22cm - 28cm
Warranty:	12 months



SILICONE TOE PROSTHESIS ONLY AVAILABLE IN SEMI-CUSTOM MADE

- High definition silicone prosthetic toe
- Designed for toe amputations
- Refer to our website for the SCM template

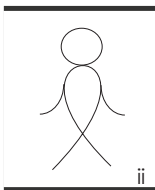
ACTIVITY CATEGORIES

| 1 - 4 |



K1:

Has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulatory.



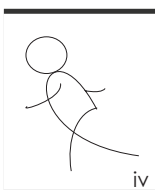
K2:

Has the ability or potential for ambulation with the ability to traverse low level environment barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator.



K3:

Has the ability or potential for ambulation with variable cadence. Typical of community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilisation beyond simple locomotion.



K4:

Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress or energy levels. Typical of the prosthetic demands of the child, active adult or athlete.



KNEE JOINTS



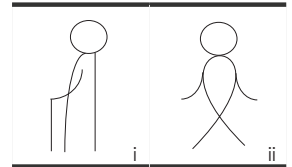
A1 PNEUMATIC SAFETY KNEE

A pneumatic single axis knee with weight activated brake. Swing phase adjustment allows for smooth gait while acute flexion angle provides a greater range of motion.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	100kg
Weight:	625g
Flexion angle:	145°
Warranty:	18 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Adjustable extension and flexion control
- Weight activated stance control
- Brake adjustment
- Improved pneumatic cylinder



S950 5 BAR PNEUMATIC KNEE

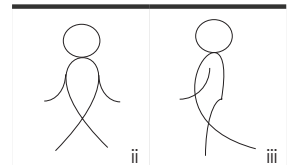
A 5-bar pneumatic knee with geometric lock designed for moderately active amputees with good balance. The knee provides a high degree of stance flexion adjustment and shock absorption at heel strike to reduce rebound shock.

Choice of AK or TK adaptor.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	125kg
Weight:	1009g
Flexion angle:	145°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Independent flexion and extension adjustment
- Resistance braking system facilitates downhill walking
- Variable spring resistance options



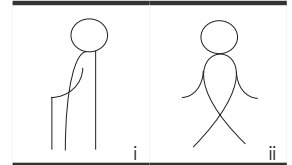
A305 4 BAR LINKAGE KNEE

A 4-bar linkage knee with manual lock designed for low activity amputees. Lightweight aluminium construction with lock that may be completely disengaged.
Choice of AK or TK adaptor.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	110kg
Weight:	550g
Flexion angle:	145°
Warranty:	12 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Super lightweight design
- Friction swing phase control
- Removable manual lock
- Waterproof model available



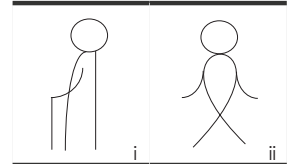
W305 4 BAR WATERPROOF KNEE

A 4-bar waterproof knee with manual lock designed for moderately active amputees. Lightweight aluminium construction with lock that may be completely disengaged.
Choice of AK or TK adaptor.

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	110kg
Weight:	555g
Flexion angle:	145°
Warranty:	12 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Waterproof
- Extension and flexion adjustment
- Removable manual lock
- Friction swing phase control
- Adjustable stability control



S400

4 BAR POLYCENTRIC KNEE

A 4-bar polycentric linkage knee designed for moderately active amputees who require a high degree of safety and a smooth gait.
Choice of AK or lotus adaptor.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	125kg
Weight:	650g
Flexion angle:	148°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Independent flexion & extension control adjustment
- Increased safety through improved linkage ratio accuracy



S500

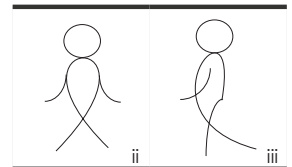
4 BAR PNEUMATIC KNEE

A 4-bar pneumatic linkage knee designed for moderately active amputees who require a high degree of safety and smooth hydraulic-like action.
Choice of AK or lotus adaptor.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	136kg
Weight:	880g
Flexion angle:	148°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Independent flexion & extension control adjustment
- Large V2 pneumatic cylinder
- Built-in bearings which allow for ultra smooth walking movement



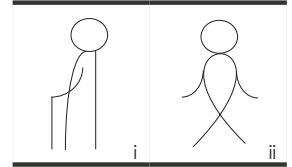
HD855 EXTRA HEAVY DUTY KNEE

An extra heavy duty knee with manual lock designed for low activity amputees with good balance. Highest weight tolerance in the market.
Choice of heavy duty AK or TK adaptor.

SPECIFICATIONS:

Material:	Aluminium / SS
Weight limit:	220kg
Weight:	1070g
Flexion angle:	140°
Warranty:	18 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Extra heavy duty weight bearing capacity
- Manual lock deactivation capability
- The adjustable friction level and extension assist harmonizes with the patient's gait



S2000 POLYCENTRIC PNEUMATIC KNEE

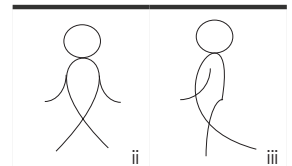
A polycentric pneumatic knee designed for moderately active above knee amputees with good balance. Design of the knee ensures increased security in the stance phase and geometric shortening of the prosthesis during swing phase.

Choice of AK or TK adaptor.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	125kg
Weight:	875g
Flexion angle:	150°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Easy access to flexion and extension adjustments
- Pneumatic swing phase control with flexion/extension adjustment allows good adaption to changes in walking speed up to 6km/h



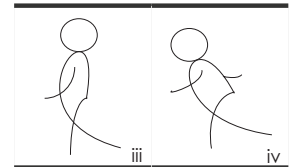
RPI 4 Bar Pneumatic Knee

The ultra-strong 4-bar knee combines smooth true variable cadence “hydraulic-like” gait with heavyweight reliability. The RPI has sleek attractive styling with excellent weight tolerance for high activity users. The all new design of the adjustment for the pneumatic cylinders allows complete control even at the highest resistance settings.

SPECIFICATIONS:

Material:	Aluminium/ Ti
Weight limit:	125kg
Weight:	1020g
Flexion angle:	159°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Pneumatic swing phase control
- Lightweight construction
- Highly efficient pneumatic cylinder system



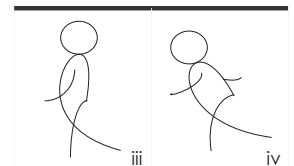
Phoenix Graph-lite 4 Bar Pneumatic Knee

The Phoenix 4-bar pneumatic knee provides lightweight true variable cadence, unequalled function and durability for the active to extremely active above knee amputee.
Choice of AK or TK adaptor.

SPECIFICATIONS:

Material:	Carbon fibre
Weight limit:	125kg
Weight:	933g
Flexion angle:	135°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Ultra-light, ultimate variable gait
- Smooth fluid-like action
- All sealed ball bearing axis
- Extremely durable and dependable
- Adjustable to pinpoint accuracy
- High level stability



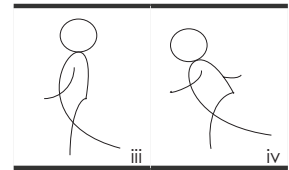
SR1 HYDRAULIC KNEE

A hydraulic knee designed for moderately active above knee amputees with good balance. The knee features a rotating hydraulic system for swing phase control allowing for minimum friction and compact size. Stance flexion setting improves comfort and stability. 4-axis geometry results in excellent stability especially on sloped surfaces. Stance flexion is efficiently cushioned during heel strike. Spring and bumpers are replaceable.

SPECIFICATIONS:

Material:	Aluminium / SS
Weight limit:	136kg
Weight:	1035g
Flexion angle:	147°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- High performance rotary hydraulic system
- Load damping function facilitates natural gait
- Polycentric geometric locking system to enhance user safety
- Extension and flexion adjustment



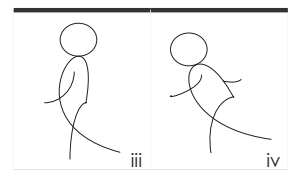
S3000 SINGLE AXIS HYDRAULIC KNEE

A hydraulic knee designed for moderately active above knee patients with good balance. This knee joint is a monocentric joint with a rotary hydraulic system that controls the swing phase and provides a support in the stance phase due to high flexion resistance. The damping level is controlled by the flexion and extension throttles that provides a comfortable walking experience at a wide range of speeds. Flexion and extension resistance can be adjusted independently with ease. If necessary, the extension assist can be increased by installing an additional spring, which is included in the delivery set.

SPECIFICATIONS:

Material:	Aluminium alloy
Weight limit:	125kg
Weight:	1000g
Flexion angle:	150°
Warranty:	24 months

ACTIVITY CATEGORY:



DISTINGUISHING FEATURES:

- Easy access to flexion and extension adjustments
- Load damping function facilitates natural gait
- Trigger threshold and stance phase damping adjustments



4S15 SINGLE AXIS SAFETY KNEE

A single axis knee with extension assist designed for low activity amputees.

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	100kg
Weight:	554g	348g
Warranty:	12 months	12 months



4S21 4 BAR LINKAGE KNEE

A 4-bar knee with extension assist designed for low activity TK amputees.

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	100kg
Weight:	890g	660g
Warranty:	12 months	12 months



4S20 HABERMANN KNEE

A mechanical 4-bar polycentric knee designed for low activity above knee amputees

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	125kg
Weight:	685g	465g
Warranty:	12 months	12 months



4M40B MANUAL LOCKING KNEE

A single axis manual locking knee designed for low activity amputees.

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	125kg
Weight:	295g
Warranty:	12 months



4M17 MANUAL LOCKING KNEE

A single axis manual locking knee designed for low activity amputees.

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	125kg
Weight:	568g	408g
Warranty:	12 months	12 months



6H02A SINGLE AXIS KNEE

A manual locking knee designed for low activity amputees.

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	125kg
Weight:	560g
Warranty:	12 months



COMPONENTS



3 PRONG ROTATING RECEIVER

- 3 prongs for direct lamination into trans-femoral sockets
- Continuous rotation adjustment complete with clamping unit
- Threaded receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	125kg
Weight:	202g	189g
Warranty:	12 months	12 months



3 PRONG ROTATING PYRAMID

- 3 prongs for direct lamination into trans-femoral sockets
- Continuous rotation adjustment complete with clamping unit
- Threaded pyramid connector

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	125kg
Weight:	220g	198g
Warranty:	12 months	12 months



3 PRONG PYRAMID

- 3 prong lamination anchor with pyramid for direct lamination into trans-tibial sockets
- Fixed pyramid connector

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	124g
Warranty:	12 months



4 EAR SOCKET ADAPTOR

- 4 ear lamination anchor for direct lamination into transtibial sockets
- Fixed pyramid connector
- Lamination dummy included

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	100g	49g
Warranty:	12 months	12 months



4 HOLE RECEIVER

- 4 hole adaptor for connection to attachment block
- Receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	125kg
Weight:	86g
Warranty:	12 months



4 HOLE PYRAMID

- 4 hole adaptor for connection to attachment block
- Fixed pyramid connector

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	100g	55g
Warranty:	12 months	12 months



4 HOLE ROTATING RECEIVER

- 4 hole adaptor for connection to attachment block
- Continuous rotation adjustment complete with clamping unit
- Threaded receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	100kg
Weight:	139g	79g
Warranty:	12 months	12 months



4 HOLE ROTATING PYRAMID

- 4 hole adaptor for connection to attachment block
- Continuous rotation adjustment complete with clamping unit
- Threaded pyramid connector

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	112g
Warranty:	12 months



THREADED INSERTS PYRAMID RECEIVER & PYRAMID

- With pyramid connection or pyramid receiver connection
- Continuous rotation adjustment
- Used with 3 prong or 4 prong lamination anchors

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	100kg
Weight:	84g	49g
Warranty:	12 months	12 months

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	100kg
Weight:	89g	59g
Warranty:	12 months	12 months



TUBE ASSEMBLY

210mm & 410mm

- Receiver with 4 adjustment set screws
- 30mm diameter
- Fixed stainless steel receiver with aluminium tube
- Fixed titanium receiver with aluminium tube

SPECIFICATIONS:

Length:	410mm	410mm	210mm
Material:	Stainless steel	Titanium	Stainless steel
Weight limit:	110g	110kg	110kg
Weight:	310g	240g	198g
Warranty:	12 months	12 months	12 months



TUBE CLAMP

PYRAMID

- Fixed pyramid connector
- Clamping unit
- Accommodates tube with 30mm diameter

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	100kg
Weight:	92g
Warranty:	12 months



TUBE CLAMP

PYRAMID RECEIVER

- Receiver with 4 adjustment set screws
- Clamping unit
- Accommodates tube with 30mm diameter

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	125kg
Weight:	120g	70g
Warranty:	12 months	12 months



LOTUS ADAPTOR

- Adaptor for use with S400 & S500 knee joints
- Direct lamination into the base of a TK socket

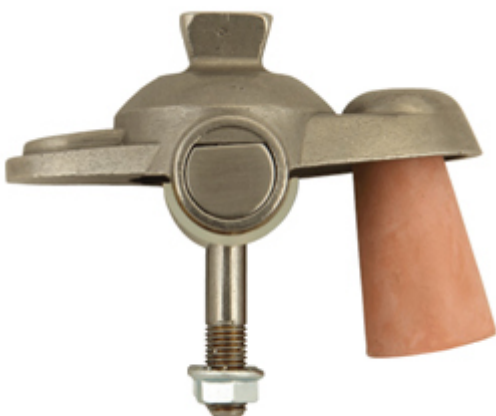


SACH FOOT ADAPTOR

- Adaptor for SACH foot
- M10 bolt

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	120g	70g
Warranty:	12 months	12 months

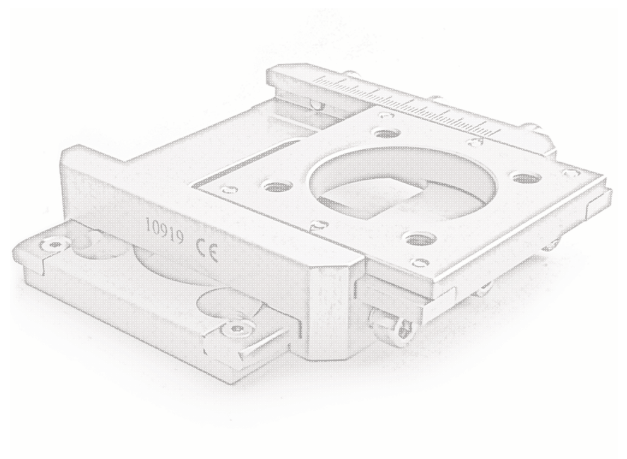


SINGLE AXIS FOOT ADAPTOR

- Dual bolt ankle adaptor for a single axis foot

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	100kg
Weight 22-25:	273g	196g
Weight 26-29:	296g	208g
Warranty:	12 months	12 months



ALIGNMENT COMPONENTS



3 PRONG ROTATING SHIFT PYRAMID RECEIVER

- 3 prongs for direct lamination into trans-femoral sockets
- Continuous rotation and shift adjustment complete with clamping unit
- 10mm shift
- Titanium threaded pyramid receiver connector

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	227g
Warranty:	12 months



3 PRONG ROTATING SHIFT PYRAMID

- 3 prongs for direct lamination into trans-femoral sockets
- Continuous rotation and shift adjustment complete with clamping unit
- 10mm shift
- Titanium threaded pyramid connector

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	228g
Warranty:	12 months



4 HOLE ROTATING SHIFT PYRAMID RECEIVER

- 4 hole adaptor for connection to attachment block
- Continuous rotation and shift adjustment with clamping unit
- 10mm shift
- Titanium threaded pyramid receiver connector

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	153g
Warranty:	12 months

4 HOLE ROTATING SHIFT PYRAMID



- 4 hole adaptor for connection to attachment block
- Continuous rotation and shift adjustment with clamping unit
- 10mm shift
- Titanium threaded pyramid connector

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	154g
Warranty:	12 months

THREADED ROTATING SHIFT INSERT PYRAMID RECEIVER | PYRAMID



- With pyramid connector or pyramid receiver connector
- Continuous rotation and shift adjustment
- 10mm shift
- Used with 3 prong or 4 prong lamination anchors

SPECIFICATIONS:

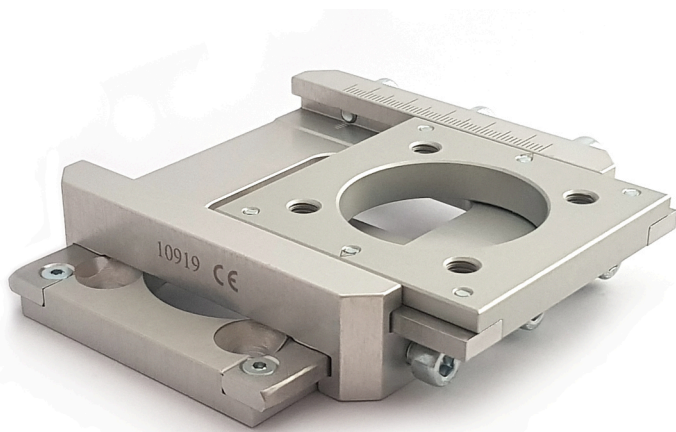
Material:	Titanium
Weight limit:	125kg
Weight:	84g
Warranty:	12 months



SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	98g
Warranty:	12 months

MULTI-DIRECTIONAL ADJUSTMENT ADAPTOR



- Adjustment aid during fitting
- Adjustment range ± 25 mm to frontal and sagittal plane
- With hardened steel guides

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	100kg
Weight:	292g
Warranty:	12 months



LOW PROFILE TUBE ADAPTOR

75mm

- Receiver with 4 adjustment set screws
- Provides low clearance options

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	110kg
Weight:	90g
Warranty:	12 months



LOW PROFILE TUBE ADAPTOR

100mm - THREADED

- Receiver with 4 adjustment set screws
- Threaded tube
- Provides low clearance options

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	100kg
Weight:	180g
Warranty:	12 months



TUBE CLAMP ADAPTOR

80mm

- Receiver with 4 adjustment set screws
- Clamping unit
- Accommodates tube with 30mm diameter

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	125kg
Weight:	170g
Warranty:	12 months



TILTED TUBE CLAMP

10° TILT

- Receiver with 4 adjustment set screws
- 10° tilt assists with alignment
- Clamping unit
- Used for hip disarticulation prostheses

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	133g
Warranty:	12 months



OFFSET TUBE CLAMP

5° OFFSET

- Receiver with 4 adjustment set screws
- Offset alignment assistance

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	70g
Warranty:	12 months



SHIFT ADAPTOR

± 10mm

- Receiver with 4 adjustment set screws
- Assistance on alignment shift

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	100kg
Weight:	185g
Warranty:	12 months

DOUBLE ADAPTOR

32mm



- Double receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	106g	85g
Warranty:	12 months	12 months

DOUBLE ADAPTOR

45mm



- Double receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	124g	95g
Warranty:	12 months	12 months

DOUBLE ADAPTOR

60mm



- Double receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	149g	105g
Warranty:	12 months	12 months

DOUBLE ADAPTOR

75mm



- Double receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	125kg	125kg
Weight:	174g	110g
Warranty:	12 months	12 months

OFFSET DOUBLE ADAPTOR

- Fixed offset pyramid connector
- Receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	122g
Warranty:	12 months



DOUBLE ADAPTOR

32mm

- Fixed pyramid connector / receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	125kg
Weight:	74g
Warranty:	12 months



DOUBLE ADAPTOR

45mm

- Fixed pyramid connector / receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	125kg
Weight:	91g
Warranty:	12 months



DOUBLE ADAPTOR

60mm

- Fixed pyramid connector / receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	125kg
Weight:	96g
Warranty:	12 months





DOUBLE PYRAMID ADAPTOR

32mm

- Fixed double pyramid connector

SPECIFICATIONS:

Material:	Stainless steel	Titanium
Weight limit:	100kg	125kg
Weight:	115g	98g
Warranty:	12 months	12 months



DOUBLE ADAPTOR HEIGHT ADJUSTABLE

60-75mm

- Double receiver with 4 adjustment set screws
- Assistance with height accommodation

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	210g
Warranty:	12 months



DOUBLE ADAPTOR ROTATING SHIFT

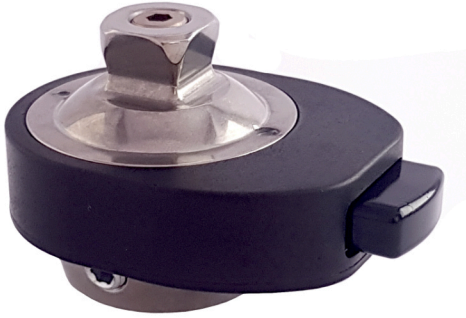
± 10mm

- Double receiver with 4 adjustment set screws
- For additional translation and rotation movement, especially for long stumps

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	190g
Build height:	53mm
Warranty:	12 months

METIZ KNEE ROTATOR



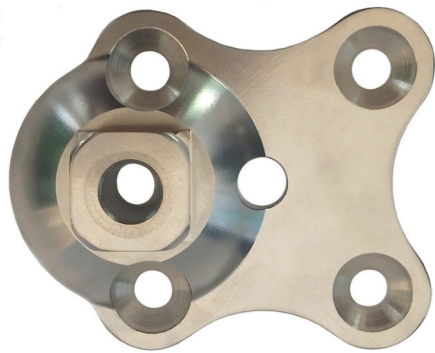
- Above knee rotation adaptor allows rotation of prosthesis
- The design ensures backlash-free operation
- Proximal pyramid connector

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	200g
Build height:	29mm
Warranty:	12 months

OFFSET 4 HOLE PYRAMID ADAPTOR

20mm OFFSET



- Fixed pyramid connector
- 4 hole adaptor for connection to attachment block with hole to accommodate a pin

SPECIFICATIONS:

Material:	Titanium
Weight limit:	125kg
Weight:	62g
Warranty:	12 months

CONTRACTURE ADAPTOR

PYRAMID

- Sliding pyramid



SPECIFICATIONS:

Material:	Stainless steel / aluminium
Weight limit:	125kg
Weight:	233g
Build height:	24mm
Warranty:	12 months

CONTRACTURE ADAPTOR

THREADED

- Threaded attachment



SPECIFICATIONS:

Material:	Aluminium
Weight limit:	125kg
Weight:	165g
Build height:	18mm
Warranty:	12 months



SUSPENSION

LITE LINER SUPREME GEL LINER WITH PIN ATTACHMENT 6mm

- 6mm gel liner with outer nylon covering
- Pin attachment to accommodate shuttle lock pin
- 10cm matrix

SIZE	CIRCUMFERENCE
Medium	20cm - 32cm
Large	26cm - 41cm
X-large	27cm - 43cm
XX-large	34cm - 60cm



LITE LINER SUPREME GEL CUSHION LINER 6mm

- 6mm gel cushion liner with outer nylon covering

SIZE	CIRCUMFERENCE
Medium	20cm - 32cm
Large	26cm - 41cm
X-large	27cm - 43cm
XX-large	34cm - 60cm





LITE LINER SKIN-TEX SILICONE LINER WITH PIN ATTACHMENT 3mm

- 3mm silicone liner with outer fabric covering
- Pin attachment to accommodate shuttle lock pin
- 10cm matrix

SIZES	
BK	AK
18	32
20	34
21	36
22	38
23.5	40
25	42
26	45
28	50
30	55



LITE LINER SKIN-TEX SILICONE CUSHION LINER 3mm

- 3mm silicone cushion liner with outer fabric covering
- No pin attachment
- 10cm matrix

SIZES	
BK	AK
18	32
20	34
21	36
22	38
23.5	40
25	42
26	45
28	
30	

LITE LINER SUPREME GEL SUSPENSION SLEEVE 3mm



- High adhesion and excellent comfort
- Gel provides cushioning and minimizes shearing
- Additional rotational stability
- Highly stretchable outer fabric which supports easy donning
- Sleeve for suction suspension provides high security

SIZE	LOWER CIRCUMFERENCE	UPPER CIRCUMFERENCE
Medium plus	24cm - 35cm	33cm - 47cm
Large plus	31cm - 46cm	39cm - 55cm
X-large	34cm - 50cm	42cm - 60cm
XX-large	36cm - 55cm	44cm - 70cm
XXX-large	36cm - 55cm	55cm - 80cm

LITE VACUUM RING



- Bonded to the fabric outer cover of the prosthetic liner
- Used with an active or passive vacuum system
- Used with locking liners to eliminate rotation and pistoning

SPECIFICATIONS:

SIZE	CIRCUMFERENCE
2	16cm - 22cm
3	20cm - 38cm
4	30cm - 48cm
5	40cm - 55cm

SILICONE DISTAL CAP



- Provides pressure distribution in heavily loaded areas
- Provides padding for bony prominences
- Acts as a filler for deep voids and scarred residual limbs

SPECIFICATIONS:

DIAMETER	THICKNESS
80mm	12.5mm
100mm	11mm
120mm	10.7mm
140mm	12.8mm



VOLUME MANAGEMENT PAD

SPECIFICATIONS:

SIZE	THICKNESS
1	3mm
2	3mm
3	3mm



BK EXPULSION VALVE

The BK expulsion valve is designed for vacuum suspension systems. It creates negative pressure inside the socket. This valve is positioned in a housing that seals securely against the inner surface of the hard socket near the distal end. The valve expels the air under positive pressure when donning a socket. During removal of the prosthesis, the socket seal needs to be released via doffing of the suspension sleeve and seal to allow air back into the hard socket. The XP valve is an auto-expulsion and easy to install kit. This is recommended for trans-tibial amputation and requires normal socket fabrication.

- Lightweight design
- Low build height
- Easy and quick fabrication
- Easy cleaning



AK EXPULSION VALVE

The AK XP valve is an expulsion valve that is equipped with a push button suction release. It is easy to install and recommended for trans-femoral users. The core of the valve can be unscrewed from the housing, which allows for easier donning and doffing of the socket and for use of pull socks with atmospheric suction suspension.

- Simple installation
- Low build height
- For any activity level
- Durable



AK SUCTION VALVE

- Total contact suction valve
- Lightweight design
- Used with laminated transfemoral sockets



AK THREADED VALVE

- Aluminium housing
- Large valve release button



eVALVE ESSV GLUE / LAMINATION

The smallest and lightest valve on the market developed for vacuum suspension.

The valve is detachable and the ball can be removed and cleaned. The valve has a filter to ensure durability.

- Made from aluminium
- Glue adaptor is glued to a Ø 10 hole drilled into the socket
- Lamination adaptor is laminated into the socket



BK JOINTS FOR CONVENTIONAL PROSTHESES

- Used in the manufacture of PTB prostheses
- Available in left & right
- 110kg weight limit



3 PRONG SHUTTLE LOCK

AK & BK

BK and AK shuttle lock used in conjunction with silicone and gel liners.
Suitable for thermoplastic and laminated sockets.

- 3 prong threaded lamination anchor
- AK lock with receiver
- BK lock with pyramid
- Longer pin available 72mm
- Includes lamination dummy

SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	340g
Warranty:	12 months

PIN LENGTH:

BK:	55mm
AK:	38mm
LONG:	72mm



LAMINATION LOCK

Lamination shuttle lock used in conjunction with silicone and gel liners.

- Suitable for thermoplastic and laminated sockets
- Includes lamination dummy
- Adaptor and attachment block sold separately

SPECIFICATIONS:

Material:	Aluminium
Weight:	111g
Warranty:	12 months

BASE SHUTTLE LOCK

- Versatile cylindrical body with a 4 hole attachment
- Serrated pin type attachment
- Deep pin well for easy insertion
- Includes two pins



SPECIFICATIONS:

Material:	Stainless steel
Weight limit:	100kg
Weight:	125g
Warranty:	12 months



PROSTHETIC FEET



SACH FOOT

SOLID ANKLE CUSHION HEEL

- Available in brown or Caucasian

SPECIFICATIONS:

Weight limit:	110kg
Sizes:	22-30
Heel height:	10mm
Warranty:	12 months



SINGLE AXIS FOOT

- Available in Caucasian only

SPECIFICATIONS:

Weight limit:	100kg
Sizes:	22-30
Heel height:	10mm
Warranty:	6 months



SYMES FOOT

- Low profile foot for Symes amputation
- Available in brown or Caucasian

SPECIFICATIONS:

Weight limit:	100kg
Sizes:	23-29
Heel height:	28mm
Warranty:	6 months



PROSTHETIC FEET



MAXIMUM TECHNOLOGY. MAXIMUM FEATURES

SPECIFICATIONS:

Size range:	21 - 30cm
Weight limit:	100kg (21 - 25cm) 125kg (26 - 30cm)
Clearance:	6 - 6.6cm
Weight:	523g
Warranty:	2 years

ACTIVITY CATEGORY:

FEATURES:

- Water friendly design
- Smooth gait EnviroShell
- INTELLIWEAVE® assisted movement
- Integrated pyramid

The Breeze is a revolutionary K2 foot from College Park. Traditionally, feet in this category are uninspired, but the Breeze utilizes high-end College Park technology and comes with a variety of features making it stand out from the crowd.

The water friendly system has an optional water drain port, corrosion-resistant materials and special modifications to clear water from the entire prosthetic system.

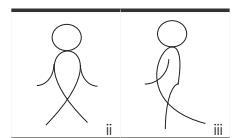
The EnviroShell is infused with a UV inhibitor and pure silver for proven antimicrobial properties, plus built with a special toe-rollover assist. The Breeze foot truly brings a maximum solution at a minimum cost.



LOW IMPACT DOESN'T MEAN LOW FUNCTION

SPECIFICATIONS:

Size range:	21 - 30cm
Weight limit:	100kg (21 - 24cm) 136kg (25 - 30cm)
Clearance:	5.6 - 6.6cm
Weight:	526g
Warranty:	3 years

ACTIVITY CATEGORY:

FEATURES:

- Integrated spring technology
- Multi-axial response
- Custom gait matching
- Total ground contact

The Celsus brings College Parks innovative Integrated Spring Technology (iST) into a lower impact design. The foot has an active heel, superior ground contact and natural motion to provide smooth, stable transitions. Durable yet lightweight, the Celsus provides anatomical function for low to moderate impact patients.



ACCESSORIES



COSMETIC FOAM COVER BELOW KNEE

- PE foam (unshaped)
- Available in white and brown



COSMETIC FOAM COVER ABOVE KNEE

- Available in beige
- Available in left and right

SIZES

36

40

44



embreis eSKIN PVC LEG COVER

The eSkin leg cover sets the new bench mark for prosthetic leg covers. The eSkin is manufactured with the latest innovation in high quality synthetic plastic polymer. With it's multi-layer construction and fibers, it brings life and durability to the leg cover. The eSkin is very flexible and comes pre-expanded for an easy fit.

- Available in a range of lifelike colours
- Available colours: #3 ; #6 ; #12 ; #13 ; #14 ; #15 ; #16
- Available for BK
- Standard or split toe
- Durable and stain resistant
- Easily cleaned with soap and water
- Water resistant
- Low friction against fabric



COSMETIC STOCKINGS

BELOW KNEE & ABOVE KNEE

- Available in beige and brown

SIZES
Small
Medium
Large



STUMP SOCKS & SHEATHS

- 5 ply woollen stump socks
- 1 ply nylon sheaths

SPECIFICATIONS:	
Stump socks	Sheaths
F0 - F6	F0 - F6



TUBULAR SOCKS

- White & black cotton terry cloth stump socks
- Available with, and without hole

SPECIFICATIONS:		
Size:	BK	AK
Length:	30cm 45cm	40cm
Colour:	White Black	White



ATTACHMENT BLOCK

POLYURETHANE

- Attachment block with 4 counter sunk screws
- Used with a 4 hole adaptor

SPECIFICATIONS:

Material:	Polyurethane
Weight:	68g



ATTACHMENT BLOCK

WOODEN

- Attachment block with 4 counter sunk screws
- Used with a 4 hole adaptor

SPECIFICATIONS:

Material:	Wood
Weight:	82g



ATTACHMENT BLOCK

POLYURETHANE - THICK

- Attachment block with 4 counter sunk screws
- Used with a 4 hole adaptor

SPECIFICATIONS:

Material:	Polyurethane
Weight:	80g



LAMINATION MATERIALS



CARBON FIBRE BRAID

- Lamination braid for high strength, lightweight sockets

SIZES
12.5cm x 3m
15cm x 3m
20cm x 3m
25cm x 3m



CARBON CLOTH TWILL WEAVE

- Lamination cloth for high strength, lightweight sockets

SIZES
2m X 1m



FIBREGLASS HOSE

- Lamination braid used for upper/lower extremity sockets

SIZES
12cm x 1kg
15cm x 1kg
20cm x 1kg
25cm x 1kg



NYLGLASS

- Nylon/fibreglass blended lamination braid
- Provides a smooth finish on prosthetic sockets

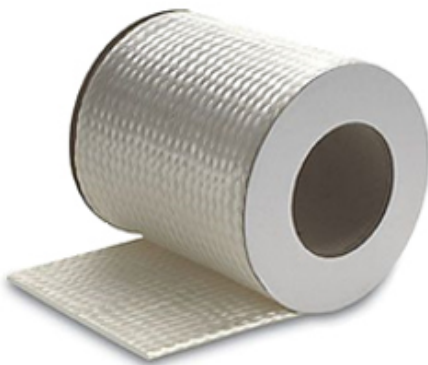
SIZES

12cm x 1kg

15cm x 1kg

20cm x 1kg

25cm x 1kg



NSP BRAID

- Lamination fabric providing excellent fatigue strength
- Light weight with high penetration of resin during lamination

SIZES

15cm x 1kg

20cm x 1kg



PERLON

- Tubular nylon finishing fabric for composite laminations

SIZES

8cm x 500g

10cm x 500g

12cm x 500g

15cm x 500g

20cm x 500g

25cm x 500g

PVA LAMINATION BAGS

PACK OF 10



- High quality lamination bags with secure, fine seam

SIZES

15cm x 70cm x 5mm

19cm x 100cm x 5mm

26cm x 100cm x 5mm

30cm x 100cm x 5mm

36cm x 100cm x 5mm

PVA ROLL



- Foil for use in production of prosthetic sockets with lamination resins

SIZES

50m roll

100m roll

EVA CONE

BELOW KNEE



- Thermoformable EVA liner for prosthetic sockets

SIZES

Small

Medium

Large



TRANSFER PAPER

- Variety of cosmetic enhancements for orthotic devices

SIZES

800mm x 1m



PIGMENT PASTE

- Colour paste for tinting of prosthetic sockets

SPECIFICATIONS:

Size: 250g

Colour: Brown | Beige



COPACRYL ACRYLIC RESIN & CATALYST POWDER

- For use with laminating fabrics in manufacture of prosthetic sockets
- May be thermoformed after hardening
- Excellent skin tolerance

SIZES

4.9kg

900g



UPPER EXTREMITY



WRIST CONNECTOR UNIT

- Quick release insert
- Used with terminal devices

SPECIFICATIONS:

Material:	Aluminium
Weight:	101g
Warranty:	12 months



FUNCTIONAL HAND

- Voluntary opening hand with perlon cable
- Includes PVC hand cover
- Used with wrist unit and cosmetic glove

SPECIFICATIONS:

Material:	Aluminium
Weight:	185g
Sizes:	7¼ 7¾ 8



PROSTHETIC HOOK

- Replaceable rubber band
- Available in left & right
- Used with quick release wrist connector unit

SPECIFICATIONS:

Material:	Aluminium
Weight:	150g
Warranty:	12 months



ARM SHUTTLE LOCK

- For arm prostheses
- Aluminium housing

SPECIFICATIONS:

Material:	Aluminium
Weight:	66g
Warranty:	12 months



LITE SILICONE ARM LINER

1.3mm

- Silicone liner for arm prostheses
- No outer covering
- High adhesion between liner & skin
- With pin attachment

SIZES

14

16

18

20



embreis

eSKIN PVC COSMETIC GLOVE

The eSkin functional cosmetic glove is made of high quality PVC and gives the glove a natural appearance, durability and flexibility.

- Available in a range of lifelike colours*
- Fits the voluntary opening functional hand

*Enquire for available colours



BELOW ELBOW HARNESS & CONTROL KIT

- Used to anchor and control body powered prostheses
- Activates terminal devices
- Universal



ABOVE ELBOW HARNESS & CONTROL KIT

- Used to anchor and control body powered prostheses
- Activates terminal devices
- Dacron straps, 4 bar buckle and axilla loop



UPPER LIMB COSMETIC FOAM COVER

- Foam used to create cosmetic shaping of upper limb prosthesis
- Available in beige
- One size



MANUAL LOCKING ELBOW UNIT

- Available in Caucasian and brown
- 50mm wrist opening
- For above elbow amputees
- Manually operated elbow lock

SPECIFICATIONS:

Material:	Aluminium
Weight:	101g
Warranty:	12 months

MODULAR ELBOW UNIT BELOW ELBOW COMPONENT



SPECIFICATIONS:

Material:	Aluminium
Product code:	XBE-01
Weight:	133g
Warranty:	12 months

MODULAR ELBOW UNIT ABOVE ELBOW COMPONENT

- Long above elbow residual limb
- 3 stop elbow joint
- With hand connector

SPECIFICATIONS:

Material:	Aluminium
Product code:	XAE-01
Weight:	210g
Warranty:	12 months





MODULAR ELBOW UNIT ABOVE ELBOW COMPONENT

- Used together with shoulder disarticulation joint
- 3 stop elbow joint
- With hand connector

SPECIFICATIONS:

Material:	Aluminium
Product code:	XAE-02
Weight:	189g
Warranty:	12 months



MODULAR ELBOW JOINT WITH LEVER LOCK

- Short above elbow residual limb
- Available in left & right
- With hand connector

SPECIFICATIONS:

Material:	Aluminium
Product code:	XAE-03
Weight:	308g
Warranty:	12 months



MODULAR ELBOW UNIT ELBOW DISARTICULATION COMPONENT

- 3 stop elbow joint
- With hand connector

SPECIFICATIONS:

Material:	Aluminium
Product code:	XTE-01
Weight:	202g
Warranty:	12 months



PAEDIATRIC COMPONENTS



PAEDIATRIC TUBE ASSEMBLY

- 22mm diameter for paediatric systems
- 300mm tube length
- Pyramid receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	136g
Warranty:	12 months



PAEDIATRIC TUBE CLAMP

- 22mm tube clamp for paediatric systems
- Pyramid receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	45g
Warranty:	12 months



PAEDIATRIC TUBE CLAMP WITH PYRAMID

- 22mm tube clamp with fixed pyramid connector for paediatric systems

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	45g
Warranty:	12 months



PAEDIATRIC 5 EAR PYRAMID ADAPTOR

- 22mm adaptor with pyramid connector for paediatric systems
- For direct lamination into sockets

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	43g
Warranty:	12 months



PAEDIATRIC 4 HOLE RECEIVER

- 22mm socket adaptor for paediatric systems
- Pyramid receiver with 4 adjustment set screws

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	47g
Warranty:	12 months



PAEDIATRIC SOCKET ATTACHMENT BLOCK

- Attachment block with 4 counter sunk screws
- 70mm x 70mm
- Used with a 4 hole socket adaptor

SPECIFICATIONS:

Material:	Plastic
Weight limit:	50kg
Weight:	81g
Warranty:	12 months



PAEDIATRIC SACH FOOT ADAPTOR

- 22mm SACH adaptor for paediatric systems
- M8 bolt

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	69g
Warranty:	12 months

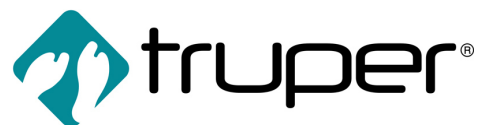


PAEDIATRIC SACH FOOT SOLID ANKLE CUSHION HEEL

- Available in Caucasian and brown
- M8 SACH bolt
- With split toe

SPECIFICATIONS:

Weight limit:	50kg
Sizes:	15 17 18 19 21
Warranty:	12 months



GROWN UP FUNCTION FOR KIDS

The rugged Truper foot combines high energy with stability for active kids. The foot's flexible foreheel and bumpers store energy for a smooth, controlled transition from standing to running. Made to easily adjust for growing children. The Truper offers two size ranges that provide flexibility through adolescence.

SPECIFICATIONS:

Size range:	16cm - 21cm
Weight limit:	45kg (16cm - 18cm) 60kg (19cm - 21cm)
Weight:	215g - 314g
Warranty:	12 months

FEATURES:

- Designed with play in mind - kid tough
- Unparalleled incline/decline
- Integrated bumpers
- Growth capabilities





PAEDIATRIC HABERMANN KNEE JOINT

- 22mm Habermann knee joint for paediatric systems
- Robust design
- Extension spring adjustment

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	50kg
Weight:	480g
Warranty:	12 months



PAEDIATRIC KNEE JOINT 4S38

- 22mm monocentric knee joint for paediatric systems
- With integrated inner extension assist

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	45kg
Weight:	173g
Warranty:	12 months



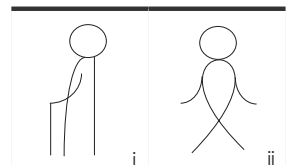
PAEDIATRIC HY-STAN 4 BAR KNEE JOINT

- Small and lightweight
- Maximum flexion angle 155°
- Adjustable extension assist for swing phase control
- Designed for AK or TK child amputees

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	55kg
Weight:	370g
Warranty:	24 months

ACTIVITY CATEGORY:





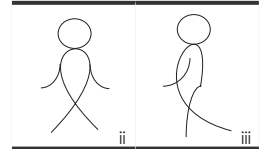
PAEDIATRIC HY-STAN 4 BAR PNEUMATIC KNEE JOINT

- Pneumatic swing phase
- Maximum flexion angle 155°
- Small and lightweight
- Adjustable extension assist for swing phase control
- Designed for AK or TK child amputees

SPECIFICATIONS:

Material:	Aluminium
Weight limit:	60kg
Weight:	530g
Warranty:	24 months

ACTIVITY CATEGORY:



PAEDIATRIC COSMETIC FOAM COVER BELOW KNEE

- Available in beige



PAEDIATRIC COSMETIC FOAM COVER ABOVE KNEE

- Available in beige
- Available in left and right

SIZES

32



46 6th Street
Northmead
Benoni, South Africa

T: +27 11 849 7650

E: orders.xpros@gmail.com

www.xprosortho.com