

▶ **PRODUCT CATALOG**
2025-26

ARTIFICIAL LIMBS



ORTHOPAEDIC APPLIANCES & REHABILITATION AIDS

PROACTIVE
Technical Orthopaedics Pvt. Ltd.



REACHING NEW HEIGHTS

Enjoying Global Existence

PTO CREDENTIALS...

- Over 400 Product Varieties.
- Exporting to over 40 Countries.
- Over 250 Indian Costumers including Indian Decence, Major NGO's, National Institutes and Govt Establishments and many more.
- Having CE, ISO 10328, ISO 13485 and many more certificates.
- Having own state of Art Artificial Limb Fitting center at pune.

VISION

- To “ACHIEVE EXCELLENCE” and become “BENCH-MARKING COMPANY” in P&O Fraternity driven by Technology while most admired by its associates.

MISSION

- Strive to overcome associates expectations.
- Practicing business with ethics and transparency.
- Respect the health, safety & welfare of the employees & society.
- Stay committed to protect the environment.
- Maximize & sustain creation of wealth, value & satisfaction.
- Belief in serving customers needs through excellence in product innovation, quality in everything we do.

OUR VALUES



COMMITMENT



OPTIMUM QUALITY



UPDATED TECHNOLOGY



PROACTIVE
Technical Orthopaedics Pvt. Ltd.



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OUR CERTIFICATIONS...

Certificate



We Define Quality Always...

Certificate Of Compliance

this is to certify that

PROACTIVE TECHNICAL ORTHOPAEDICS PVT. LTD.

15, BUILDING NO. 01, PARMAR COMPLEX, NEAR HOTEL GOLDEN PALM, NIGDI, PUNE - 411044, MAHARASHTRA, INDIA.

Has been assessed and found to be in Compliance with the requirements applicable as per lower limb prosthetic devices/structures with the strength requirements

ISO 10328:2016

the test described in ISO 10328:2016 Comprise:

1. PRINCIPAL STATIC AND CYCLIC TEST FOR ALL COMPONENTS.
2. A SEPARATE STATIC TEST IN TORSION FOR ALL COMPONENTS.
3. SEPARATE STATIC AND CYCLIC TEST ON ANKLE FOOT DEVICE AND FOOT UNITS FOR ALL ANKLE FOOT DEVICE.

Certificate Number : Q91090320191070

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Has been assessed and found to be in Compliance with the requirements applicable as per Medical Devices – Quality Management System Conforming

ISO 13485:2016

for the following Scope :

1. PRINCIPAL STATIC AND CYCLIC TEST FOR ALL COMPONENTS.
2. A SEPARATE STATIC TEST IN TORSION FOR ALL COMPONENTS.
3. SEPARATE STATIC AND CYCLIC TEST ON ANKLE FOOT DEVICE AND FOOT UNITS FOR ALL ANKLE FOOT DEVICE.

Certificate Number : MD91120920201884

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Has been assessed and found to be in Compliance with the requirements applicable as per EMC Conforming

ISO 13485:2016, ISO 22523:2006, ISO 10328:2016

for the following Scope :

ALL MODULAR PROSTHETIC COMPONENTS / PARTS, ADAPTORS / ATTACHMENT / PYLON FOOT PIECES ETC. (ROTATION TURN BUCKLE ADAPTOR) HIP / KNEE / ANKLE JOINT, SUTTLE LOCK, SUTTLE LOCK SHIFTING ADAPTORS.

The Continual validity of the certificate is conditional to EC compliance with the terms and conditions of DIMS Certification Scheme Regulations

Certificate Number : CE91090320191069

Certificate Issue Date : 13/04/2023 Issue / Revised Date : 13/04/2023
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The CE Mark as show below can be used, under the responsibility of the manufacturer completion of an EC Declaration of Conformity and Compliance with all relevant EC Directives.



Certifications Director



MBAS.INM.2018.0311 2007/47/EEC: Medical Devices

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Certificate



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Has been assessed and found to be in Compliance with the requirements applicable as per Good Manufacturing Practices Conforming

GMP

for the following Scope :

MANUFACTURING & SUPPLY OF VARIOUS ENDO / EXOSKELETON MODULAR AND CONVENTIONAL, FERROUS, NON FERROUS AND COMPOSITE MATERIAL. ALSO ATTACHMENTS, ADAPTORS, JOINTS, HARNESSING/SUSPENSION SYSTEM AND PYLONS VARIOUS TYPES OF PROSTHETIC FEET AND KEELS & PARTS AND COMPONENTS. VARIOUS TYPES OF ORTHOTIC PARTS AND COMPONENTS, VARIOUS TYPES OF REHABILITATION AID AND APPLIANCES, MACHINES, TOOLS AND EQUIPMENTS FOR PROSTHETICS AND ORTHOTICS AND REHABILITATIONS SCIENCE, ASSISTIVE DEVICES FOR PHYSICALLY, VISUALLY, MENTALLY IMPAIRED PERSON AND OLD AGE PERSON.

Certificate Number : G91090320191112

Certificate Issue Date : 14/04/2024 Issue / Revised Date : 14/04/2024
 Expiry Date : 13/09/2026 Certification Period : 2 Year

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Zertifikat

PROSTHETIC COMPONENTS

Modular Socket Adapters

**Below Knee Four Prong Socket Adapter
(PTO-01ECO)**

- Material - Casting Steel
- Standard - Economic

- Part Weight - 86 g
- Body Weight limit - 80 Kg

- Trans-Tibial Socket Adapter, Pyramidal, Four anchor for Direct Lamination.



(PTO-01EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 107 g
- Body Weight limit - 100 Kg

- Trans-Tibial Socket Adapter, Pyramidal, Four anchor for Direct Lamination.



(PTO-01TEC)

- Material - Titanium
- Standard - Elite Class

- Part Weight - 67 g
- Body Weight limit - 125 Kg

- Trans-Tibial Socket Adapter, Pyramidal, Four anchor for Direct Lamination.



**Flat type- Pyramidal Socket Adapter
(PTO-02EXQ) / (PTO-02ECO)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 83 / 73 g
- Body Weight limit - 100 / 80 Kg

- Socket Adapter (Fix Pyramidal-Flat type) with four holes.



**Flat type -Pyramidal Socket Adapter with base plate.
(PTO-02-1EXQ) / (PTO-02-1ECO)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 144 / 153 g
- Body Weight limit - 100 / 80 Kg

- Socket Adapter (Fix Pyramidal- Flat type) with four holes, Base plate & attached Screws.



**Flat type- pyramidal Receiver Socket Adapter
(PTO-03EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 82 g
- Body Weight limit - 100 Kg

- Socket Adapter (Pyramidal Receiver-Flat type) with four holes.



**Flat type -Pyramidal Receiver Socket Adapter with base plate
(PTO-03-1EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 152 g
- Body Weight limit - 100 Kg

- Socket Adapter (Pyramidal Receiver- Flat type) with four holes, Base plate & attached Screws.



PROSTHETIC COMPONENTS

Modular Socket Adapters

Flat type- Threaded Socket Adapter (PTO-04EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 56 g
- Body Weight limit - 100 Kg

- Socket Adapter (Threaded- Flat type) with four holes.



Flat Plate type- Threaded Socket Adapter with Rotatable Pyramidal Receiver (PTO-04-1EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 125 g
- Body Weight limit - 100 Kg

- Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramidal receiver.



Flat Plate type- Threaded Socket Adapter with Rotatable Pyramid (PTO-04-2EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 106 g
- Body Weight limit - 100 Kg

- Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramid.



Flat Plate type- Threaded Socket Adapter & Rotatable Pyramidal Receiver With Base Plate (PTO-04-3EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 195 g
- Body Weight limit - 100 Kg

- Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramidal receiver With Base Plate.



Flat Plate type- Threaded Socket Adapter & Rotatable Pyramid With Base Plate (PTO-04-4EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 178 g
- Body Weight limit - 100 Kg

- Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramid With Base Plate.



Modular Socket Adapters

COMPONENTS

Above Knee Three Prong Socket Adapter- Threaded (PTO-05EXQ)

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 116 g
- Body Weight limit -100 Kg

- Trans- Femoral Socket Adapter, Three Prong for Direct Lamination.



AK Three Prong Socket Adapter with Rotatable Pyramidal Receiver (PTO-05-1EXQ)

- Material - Casting Steel and Stainless Steel
- Standard - Export Quality

- Part Weight - 184 g
- Body Weight limit - 100 Kg

- Trans- Femoral Socket Adapter, Three Prong for Direct Lamination with rotatable pyramidal receiver.
- With adjustment set screws M8x12, zinc plated.



AK Three Prong Socket Adapter with Rotatable Pyramid End (PTO-05-2EXQ)

- Material - Casting Steel and Stainless Steel
- Standard - Export Quality

- Part Weight - 165 g
- Body Weight limit - 100 Kg

- Trans- Femoral Socket Adapter, Three Prong for Direct Lamination with rotatable pyramid.
- With adjustment set screws M8x12, zinc plated.



Above Knee Four Lamination Socket Adapter- Threaded (PTO-06EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 137 g
- Body Weight limit -100 Kg

- Four leg Lamination Anchor with threaded connector.



Four Leg Lamination Socket Adapter- threaded with Rotatable pyramidal receiver (PTO-06-1EXQ)

- Material - Casting Steel and Stainless Steel
- Standard - Export Quality

- Part Weight - 203 g
- Body Weight limit -100 Kg

- Four leg Lamination Anchor with threaded connector and rotatable pyramidal receiver.
- With adjustment set screws M8x12, zinc plated.



Four Leg Lamination Socket Adapter- threaded, with Rotatable pyram (PTO-06-2EXQ)

- Material - Casting Steel and Stainless Steel
- Standard - Export Quality

- Part Weight - 186 g
- Body Weight limit -100 Kg

- Four leg Lamination Anchor with threaded connector and rotatable pyramid
- With adjustment set screws M8x12, zinc plated.



Modular Socket Adapters

**Plastic Socket Adapter
(PTO-07EXQ)**

- Material - Nylon
- Standard - Export Quality

- Part Weight - 98 g
- Body Weight limit - 100 Kg

- Plastic Socket Adapter for Thermoplastic Socket with modular system.



**Plastic Socket Adapter with Flat type- Pyramidal Socket Adapter
(PTO-07-1EXQ) ,/ (PTO-07-1ECO)**

- Material - Nylon and Stainless Steel
- Standard - Export Quality

- Part Weight - 179 / 170 g
- Body Weight limit - 100 / 80 Kg

- Plastic Socket Adapter for Thermoplastic Socket with modular system.
- Socket Adapter (Fix Pyramidal- Flat type) with four holes. PTO-02EXQ



**Plastic Socket Adapter with Flat type- Pyramidal Receiver Socket Adapter
(PTO-07-2EXQ)**

- Material - Nylon and Stainless Steel
- Standard - Export Quality

- Part Weight - 179 g
- Body Weight limit - 100 Kg

- Plastic Socket Adapter for Thermoplastic Socket with modular system.
- Socket Adapter (Pyramidal Receiver- Flat type) with four holes. PTO-03EXQ



**Plastic Socket Adapter With Flat Plate type- Threaded Socket Adapter with Rotatable Pyramidal receiver
(PTO-07-3EXQ)**

- Material - Nylon and Stainless Steel
- Standard - Export Quality

- Part Weight - 221 g
- Body Weight limit - 100 Kg

- Plastic Socket Adapter for Thermoplastic Socket with modular system.
- Socket Adapter (Flat Plate type- Threaded Socket Adapter with Rotatable Pyramidal receiver) with four holes. PTO-04-1EXQ



**Plastic Socket Adapter with Flat Plate type- Threaded Socket Adapter with Rotatable Pyramid
(PTO-07-4EXQ)**

- Material - Nylon and Stainless Steel
- Standard - Export Quality

- Part Weight - 203 g
- Body Weight limit - 100 Kg

- Plastic Socket Adapter for Thermoplastic Socket with modular system.
- Socket Adapter (Flat Plate type- Threaded Socket Adapter with Rotatable Pyramid) with four holes. PTO-04-2EXQ



**Pyramidal Draping Socket Adapter
(PTO-08EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 170 g
- Body Weight limit - 100 Kg

- Trans-Tibial Socket Adapter with pyramid for Draping/ Lamination Socket.



**Pyramidal Receiver Draping Socket Adapter
(PTO-09EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 164 g
- Body Weight limit - 100 Kg

- Trans-Tibial Socket Adapter with pyramid receiver for Draping/ Lamination Socket.



Modular Tube Adapters

**Tube Clamp Adapter
(PTO-11ECO)**

- Material - Stainless Steel
- Standard - Economic

- Part Weight - 100 g
- Body Weight limit - 100 Kg

- Adapter to clamp the tube (Pyramidal receiver type)- Regular, inner dia 30 mm.
- With 4 adjustment set screws M8x12, zinc- plated.



(PTO-11EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 100 g
- Body Weight limit - 100 Kg

- Adapter to clamp the tube (Pyramidal receiver type)- Regular, inner dia 30 mm.
- With 4 adjustment set screws M8x12, zinc- plated.



(PTO-11TEC)

- Material - Titanium
- Standard - Elite Class

- Part Weight - 60 g
- Body Weight limit - 125 Kg

- Adapter to clamp the tube (Pyramidal receiver type)- Regular, inner dia 30 mm.
- With 4 adjustment set screws M8x12, zinc- plated.



**Pyramidal Tube Clamp Adapter
(PTO-12EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 90 g
- Body Weight limit - 100 Kg

- Double Adapter (one side Pyramid, other side tube receiver, dia 30 mm).



**Angular Tube Clamp Adapter
(PTO-13EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 70 g
- Body Weight limit - 100 Kg

- Angular Adapter to clamp the tube (15 degree tilt) (one side Pyramid receiver, other side tube receiver, dia 30 mm)
- With 4 adjustment set screws M8x12, zinc-plated.



PROSTHETIC COMPONENTS

Modular Tube Adapters

COMPONENTS

**Adapter To Replace the tube- 45mm
(PTO-14/45EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 80 g
- Body Weight limit - 100 Kg

- Adapter to replace the tube- length 45mm (dia-30mm)
- Above replace the tube and below pyramidal Receiver
- With 4 adjustment set screws M8x12, Zinc- plated.
- For connection between two adjustment cores.



**Adapter to replace the tube - 60mm
(PTO-14/60EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 95 g
- Body Weight limit - 100 Kg

- Adapter to replace the tube- length 60mm (dia-30mm)
- Above replace the tube and below pyramidal Receiver
- With 4 adjustment set screws M8x12, Zinc- plated.
- For connection between two adjustment cores.



**Adapter to replace the tube- 75mm
(PTO-14/75EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 110 g
- Body Weight limit - 100 Kg

- Adapter to replace the tube- length 75mm (dia-30mm)
- Above replace the tube and below pyramidal Receiver
- With 4 adjustment set screws M8x12, Zinc- plated.
- For connection between two adjustment cores.



**Adapter to replace the tube- 90mm
(PTO-14/90EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 125 g
- Body Weight limit - 100 Kg

- Adapter to replace the tube- length 90mm (dia-30mm)
- Above replace the tube and below pyramidal Receiver
- With 4 adjustment set screws M8x12, Zinc- plated.
- For connection between two adjustment cores.



PROSTHETIC COMPONENTS

Modular Tube Adapters

COMPONENTS

**Double Mouth Adapter- 30mm
(PTO-15/30EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 97 g
- Body Weight limit - 100 Kg

- Double mouth Adapter- length 30mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



**Double Mouth Adapter- 45mm
(PTO-15/45EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 113 g
- Body Weight limit - 100 Kg

- Double mouth Adapter- length 45mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



**Double Mouth Adapter- 60mm
(PTO-15/60EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 137 g
- Body Weight limit - 100 Kg

- Double mouth Adapter- length 60mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



**Double Mouth Adapter- 75mm
(PTO-15/75EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 141 g
- Body Weight limit - 100 Kg

- Double mouth Adapter- length 75mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



PROSTHETIC COMPONENTS

Modular Tube Adapters

COMPONENTS

**Double Mouth Adapter- 30mm
(PTO-15/30TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 55 g
- Body Weight limit - 120 Kg

- Double mouth Adapter- length 30mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



**Double Mouth Adapter- 45mm
(PTO-15/45TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 65 g
- Body Weight limit - 120 Kg

- Double mouth Adapter- length 45mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



**Double Mouth Adapter- 60mm
(PTO-15/60TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 100 g
- Body Weight limit - 120 Kg

- Double mouth Adapter- length 60mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



**Double Mouth Adapter- 75mm
(PTO-15/75TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 110 g
- Body Weight limit - 120 Kg

- Double mouth Adapter- length 75mm (dia- 30mm) (both side pyramid receiver).
- With 8 adjustment set screws M8x12, zinc- plated.
- For connection between two adjustment cores.



Modular Tube Adapters

**Double Sided Mouth Adapter- 30mm
(PTO-16/30EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 90 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 30mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Double Sided Mouth Adapter- 45mm
(PTO-16/45EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 103 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 45mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Double Sided Mouth Adapter- 60mm
(PTO-16/60EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 119 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 60mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Double Sided Mouth Adapter- 75mm
(PTO-16/75EXQ)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 156 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 75mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



Modular Tube Adapters

**Double Sided Mouth Adapter- 30mm
(PTO-16/30TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 55 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 30mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Double Sided Mouth Adapter- 45mm
(PTO-16/45TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 65 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 45mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Double Sided Mouth Adapter- 60mm
(PTO-16/60EXQ)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 100 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 60mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Double Mouth Adaptor- 75mm
(PTO-16/75TEC)**

- Material - Titanium
- Standard - Elite Class

- Part Weight - 110 g
- Body Weight limit - 100 Kg

- Double sided mouth Adapter- length 75mm (dia-30mm) (one side pyramidal, other side pyramid receiver).
- With 4 adjustment set screws M8x12, Zinc - plated.
- For connection between two adjustment cores.



**Shifting Adapter Moveable
(PTO-17EXQ)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 103 g
- Body Weight limit - 80 Kg

- Shifting Adaptor (Moveable)
- One side Pyramidal Receiver other side tube receiver, dia 30 mm
- With 4 adjustment set screws M8x12, Zinc - plated.



PROSTHETIC COMPONENTS

Modular Pylons, Tubes, Misc.

COMPONENTS

**Below Knee Pylon
(PTO-21ECO)**

- Material - Aluminum/ S.S
- Standard - Economic

- Part Weight - 185 g
- Body Weight limit - 100 Kg

- Short Pylon with Integrated Adapter (Pyramidal receiver type) (200mm).
- With aluminum alloy tube inner 30 mm.
- with 4 adjustment set screws M8x12, zinc- plated.



(PTO-21EXQ)

- Material - Aluminum/ S.S
- Standard - Export Quality

- Part Weight - 120 g
- Body Weight limit - 120 Kg

- Short Pylon with Integrated Adapter (Pyramidal receiver type) (200mm).
- With aluminum alloy tube inner 30 mm.
- with 4 adjustment set screws M8x12, zinc- plated.



**Below Knee Carbon Titanium Pylon
(PTO-21TEC)**

- Material - Titanium/ carbon
- Standard - Elite Class

- Part Weight - 115 g
- Body Weight limit - 150 Kg

- Short Carbon Pylon with Titanium Integrated Adapter (Pyramidal receiver type) (200mm).
- With Carbon alloy tube 30 mm.
- with 4 adjustment set screws M8x12, zinc- plated.



**Below Knee Murthy Pylon
(PTO-21-1ECO)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 40 g
- Body Weight limit - 120 Kg

- Short Pylon with Serration plate Integrated with Funnel (200mm).
- With aluminum alloy tube inner 30 mm.



**Above Knee Pylon
(PTO-22ECO)**

- Material - Aluminum/ S.S
- Standard - Economic

- Part Weight - 300 g
- Body Weight limit - 120 Kg

- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm).
- With aluminum alloy tube 30 mm.
- with 4 adjustment set screws M8x12, zinc- plated.



(PTO-22EXQ)

- Material - Aluminum/ S.S
- Standard - Export Quality

- Part Weight - 300 g
- Body Weight limit - 120 Kg

- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm).
- With aluminum alloy tube 30 mm.
- with 4 adjustment set screws M8x12, zinc- plated.



Modular Pylons, Tubes, Misc.

**Above Knee Carbon Titanium Pylon
(PTO-22TEC)**

- Material - Titanium/ carbon
- Standard - Elite Class

- Part Weight - 186 g
- Body Weight limit - 150 Kg

- Short Carbon Pylon (400mm). With Carbon alloy tube 30 mm.



**Carbon Tube 400mm
(PTO-23TEC)**

- Material - Carbon
- Standard - Elite Class

- Part Weight - 132 g
- Body Weight limit - 120 Kg

- Long Carbon Pylon (400mm). With Carbon alloy tube 30 mm.



**Miscellaneous
Receiver inner
(PTO-24-1)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 68 g
- Body Weight limit - 120 Kg

- Rotatable Pyramidal Receiver Inner (Threaded)
- With 4 adjustment set screws M8x12, zinc- plated.



**Pyramid inner
(PTO-24-2)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 50 g
- Body Weight limit - 120 Kg

- Rotatable Pyramid Inner (threaded)



**Direct Adapter
(PTO-24-3)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 50 g
- Body Weight limit - 120 Kg

- Rotatable Pyramidal Receiver Inner (Threaded)
- With 4 adjustment set screws M8x8, zinc- plated.



**Base Plate
(PTO-24-4)**

- Material - MS Galvanize
- Standard - Export Quality

- Part Weight - 50 g
- Body Weight limit - 120 Kg

- Base plate . With 4 adjustment set screws.



**Rotation Adapter (Turn-Table)
(PTO-25)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 325 g
- Body Weight limit - 120 Kg

- Knee Rotator/ Rotation Socket Adapter
- with 4 adjustment set screws M8x12, zinc- plated.



PROSTHETIC COMPONENTS

COMPONENTS

**Foot Adapters
(PTO-26ECO)**

- Material - Casting Steel
- Standard - Economic

- Part Weight - 75 g
- Body Weight limit - 100 Kg

- Foot Adapter with Bolt (MS) (M10) (length- 75mm) & spring washer
- For Connecting PU Foot with different Modular Prosthetic Components

(PTO-26EXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 60 g
- Body Weight limit - 120 Kg

- Foot Adapter with Bolt (MS) (M10) (length- 75mm) & spring washer
- For Connecting PU Foot with different Modular Prosthetic Components

(PTO-26TEC)

- Material - Titanium
- Standard - Elite Class

- Part Weight - 60 g
- Body Weight limit - 150 Kg

- Foot Adapter with Bolt (MS) (M10) (length- 75mm) & spring washer
- For Connecting PU Foot with different Modular Prosthetic Components

Modular Foot Adapters



**Ankle Joint Small (SAM Foot)
(PTO-27-1)**

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 125 g
- Body Weight limit - 120 Kg

- Ankle Joint (small) (Two Pin) for SAM foot (23,24,25) with Plastic bumper



**Ankle Joint Large (SAM Foot)
(PTO-27-2)**

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 230 g
- Body Weight limit - 120 Kg

- Ankle Joint (large) (Two Pin) for SAM foot (26,27) with Plastic bumper.



**Ankle Joint Small (SAM Foot)
(PTO-27-3)**

- Material - Aluminum + SS
- Standard - Export Quality

- Part Weight - 250 g
- Body Weight limit - 120 Kg

- Ankle Joint (small) (Two Pin) for SAM foot (23,24,25) with Plastic bumper



**Ankle Joint Large (SAM Foot)
(PTO-27-4)**

- Material - Aluminum + SS
- Standard - Export Quality

- Part Weight - 260 g
- Body Weight limit - 120 Kg

- Ankle Joint (large) (Two Pin) for SAM foot (26,27) with Plastic bumper.



PROSTHETIC COMPONENTS

Modular Shuttle Locks

COMPONENTS

Victor-Pro Shuttle Lock (PTO-31)

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 230 g
- Body Weight limit - 100 Kg

- Victor-Pro Shuttle Lock (with pyramidal end).
- Smooth gear mechanism.
- Smooth Push Button operation.
- Convenient side mounted release button.



Victor-Pro Shuttle Lock with Three Leg Lamination Socket Adapter (PTO-31-1)

- Material - Aluminum/S.S
- Standard - Export Quality

- Part Weight - 349 g
- Body Weight limit - 100 Kg

- Victor-Pro Shuttle Lock (with pyramidal end) & Three leg Lamination Anchor with threaded connector (PTO- 05EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.
- Convenient side mounted release button.



Victor-Pro Shuttle Lock with Four Leg Lamination Socket Adapter (PTO-31-2)

- Material - Aluminum/S.S
- Standard - Export Quality

- Part Weight - 370 g
- Body Weight limit - 100 Kg

- Victor-Pro Shuttle Lock (with pyramidal end) & Four leg Lamination Anchor with threaded connector (PTO- 06EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.
- Convenient side mounted release button.



Victor-Pro Shuttle Lock with Three & Four Leg Lamination Socket Adapter (PTO-31 - 3/4)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 366, 370 g
- Body Weight limit - 100 Kg

- Victor-Pro Shuttle Lock (with pyramidal Receiver) & Three & Four leg Lamination Anchor with threaded connector (PTO- 05EXQ & PTO- 06EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.
- Convenient side mounted release button.



Nylon Shuttle Lock (PTO-32)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 79 g
- Body Weight limit - 100 Kg

- Nylon Shuttle Lock.
- Spring Mechanism Push Button.
- Smooth Push Button operation.
- Convenient side mounted release button.



Modular Shuttle Locks

Tiger Shuttle lock (PTO-33)

- Material - Black Delrin
- Standard - Export Quality

- Part Weight - 191 g
- Body Weight limit - 120 Kg

- Tiger Shuttle Lock.(Bulldog type).
- Spring mechanism push button.
- Smooth one way baring Technology.
- Convenient side mounted release button.



Dummy for Tiger Shuttle lock (PTO-33-0)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 119 g



Tiger Shuttle Lock with Flat type -Pyramidal Socket Adapter. (PTO-33-1)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 274 g
- Body Weight limit - 120Kg

- Tiger Shuttle Lock (Bulldog type) with Flat type-Pyramidal Socket Adapter (PTO-02EXQ).
- Spring mechanism push button.
- Smooth one way baring Technology.
- Push Donning and Unlock button.



Tiger Shuttle Lock with Flat Plate type - Threaded Socket Adapter with Pyramidal receiver (PTO-33-2)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 272 g
- Body Weight limit - 120Kg

- Tiger Shuttle Lock (Bulldog type) with Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramidal receiver (PTO-03-1EXQ),
- Spring mechanism push button.
- Smooth one way baring Technology.
- Push Donning and Unlock button.



Tiger Shuttle Lock with Flat Plate type - Threaded Socket Adapter with Pyramidal receiver (PTO-33-3)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 306 g
- Body Weight limit - 120Kg

- Tiger Shuttle Lock (Bulldog type) with Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramidal receiver (PTO-04-1EXQ).
- Spring mechanism push button.
- Smooth one way baring Technology.
- Push Donning and Unlock button.



Tiger Shuttle Lock with Flat Plate type -Threaded Socket Adapter with Pyramid. (PTO-33-4)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 302 g
- Body Weight limit - 120 Kg

- Tiger Shuttle Lock (Bulldog type) with Socket Adapter (Threaded -Flat type) with four holes, and inner rotatable pyramid (PTO-04-2EXQ).
- Spring mechanism push button.
- Smooth one way baring Technology.
- Push Donning and Unlock button.



Campus Clutch Shuttle Lock (PTO-34)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 198 g
- Body Weight limit - 120 Kg

- Campus Clutch Shuttle Lock.
- Smooth gear mechanism.
- Smooth Push Button operation.



Dummy For Campus Clutch Shuttle Lock (PTO-34-0)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 154 g



Campus Clutch Shuttle Lock with Flat type- Pyramidal Socket Adapter. (PTO-34-1)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 280 g
- Body Weight limit - 120 Kg

- Campus Clutch Shuttle Lock with Flat type- Pyramidal Socket Adapter (PTO-02EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.



Campus Clutch Shuttle Lock with Flat type- Pyramidal Receiver Socket Adapter. (PTO-34-2)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 279 g
- Body Weight limit - 120 Kg

- Campus Clutch Shuttle Lock with Flat type- Pyramidal Receiver Socket Adapter (PTO-03EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.



Campus Clutch Shuttle Lock with Flat Plate type- Threaded Socket Adapter with Pyramidal receiver (PTO-34-3)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 312 g
- Body Weight limit - 120 Kg

- Campus Clutch Shuttle Lock with Socket Adapter (Threaded-Flat type) with four holes, and inner rotatable pyramidal receiver (PTO-04-1EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.



Campus Clutch Shuttle Lock with Flat Plate type- Threaded Socket Adapter with Pyramid. (PTO-34-4)

- Material - Delrin
- Standard - Export Quality

- Part Weight - 310 g
- Body Weight limit - 120 Kg

- Campus Clutch Shuttle Lock with Socket Adapter (Threaded-Flat type) with four holes, and inner rotatable pyramid (PTO-04-2EXQ).
- Smooth gear mechanism.
- Smooth Push Button operation.



PROSTHETIC COMPONENTS

Cognizant Cozy Silicon Liners

(PTO-36TPEL-S,IS,M,L,IL,XL,XLP,XXL)
(PTO-36TPEC-S,IS,M,L,IL,XL,XLP,XXL)

- Material - Gel
- Locking Liner / Cushion Liner

- Standard - Export Quality
- Color - Ruby Red
- Distal end Umbrella Head for Pin

	3mm	6mm
Size	L/C	L/C
S	250 gm	291 gm
IS	308 gm	455 gm
M	325 gm	619 gm
L	449 gm	656 gm
IL	488 gm	712 gm
XL	551 gm	809 gm
XLP	599 gm	966 gm
XXL	650 gm	1112 gm

Modular Silicon Liners



Recommendation:

- TPE Gel Locking & Cushion Liner
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with for fitting
- Wider distal end for ease of doffing
- Distal ends are proportionate to the size of the liner
- Available in thicknesses 3mm / 6mm uniform

Description:

The Cognizant Cozy liner is engineered with similar properties as Easy High Class, but has been formulated with the grip gel to assist in donning and suspension. Specifically designed for transfemoral and active transtibial amputees. Cognizant Cozy liner has 80% less vertical stretch then which provides more control and stability.

Perseverance Silicon Liners

(PTO-37SLL-20/ 21/ 22/ 23.5/ 25/ 26.5/ 28/ 30/ 32/ 34/ 36/ 38/ 40/ 42/ 45.)
(PTO-37SLC-20/ 21/ 22/ 23.5/ 25/ 26.5/ 28/ 30/ 32/ 34/ 36/ 38/ 40/ 42/ 45.)

- Material - Silicon
- Locking Liner / Cushion Liner

- Standard - Export Quality
- Color - Grey
- Distal end Umbrella Head for Pin

Size	20cm (3mm/6mm)	21cm (3mm/6mm)	22cm (3mm/6mm)	23.5cm (3mm/6mm)	25cm (3mm/6mm)
Weight	300/450gm	390/500gm	400/580gm	485/600gm	510/710gm
Size	26.5cm (3mm/6mm)	28cm (3mm/6mm)	30cm (3mm/6mm)	32cm (3mm/6mm)	34cm (3mm/6mm)
Weight	520/720gm	530/740gm	590/810gm	660/895gm	770/970gm
Size	36cm (3mm/6mm)	38cm (3mm/6mm)	40cm (3mm/6mm)	42cm (3mm/6mm)	45cm (3mm/6mm)
Weight	780/160 gm	810/1157gm	912/1201gm	1167/1298gm	1224/1475gm



Recommendation:

- Silicon Locking & Cushion Liner
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with for fitting
- Wider distal end for ease of doffing
- Distal ends are proportionate to the size of the liner
- Available in thicknesses 3mm / 6mm uniform

Description:

The Perseverance liner is engineered with similar properties as Easy High Class, but has been formulated with the grip gel to assist in donning and suspension. Specifically designed for transfemoral and active transtibial amputees. Perseverance liner has 80% less vertical stretch then which provides more control and stability.

Determination of the size:

To determine the correct liner size, the circumference of the residual limb is measured 4 cm above the distal end. Select that size being exactly the same of the stump circumference or the next smaller one.



PROSTHETIC COMPONENTS

COMPONENTS

Aloe-Vera Dia-Care Silicon Liners

(PTO-38SLL-20/ 21/ 22/ 23.5/ 25/ 26.5/ 28/ 30/ 32/ 34/ 36/ 38/ 40/ 42/ 45.)
 (PTO-38SLC-20/ 21/ 22/ 23.5/ 25/ 26.5/ 28/ 30/ 32/ 34/ 36/ 38/ 40/ 42/ 45.)

Modular Silicon Liners



• Material - Silicon	• Standard - Export Quality
• Locking Liner / Cushion Liner	• Color - Green
	• Distal end Umbrella Head for Pin

Size	20cm (3mm/6mm)	21cm (3mm/6mm)	22cm (3mm/6mm)	23.5cm (3mm/6mm)	25cm (3mm/6mm)
Weight	332/500gm	370/541gm	408/582gm	446/623 gm	484/664 gm

Size	26.5cm (3mm/6mm)	28cm (3mm/6mm)	30cm (3mm/6mm)	32cm (3mm/6mm)	34cm (3mm/6mm)
Weight	494/723 gm	583/737 gm	604/829 gm	618/855 gm	675/879 gm

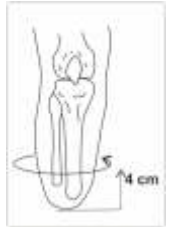
Size	36cm (3mm/6mm)	38cm (3mm/6mm)	40cm (3mm/6mm)	42cm (3mm/6mm)	45cm (3mm/6mm)
Weight	711/957 gm	768/1048 gm	998/1165 gm	1067/1198 gm	1124/1375 gm

Recommendation:

- Silicon Locking & Cushion Liner
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with for fitting
- Wider distal end for ease of doffing
- Distal ends are proportionate to the size of the liner
- Available in thicknesses 3mm / 6mm uniform

Determination of the size:

To determine the correct liner size, the circumference of the residual limb is measured 4 cm above the distal end. Select that size being exactly the same of the stump circumference or the next smaller one.



Description:

The Aloe-Vera Dia-Care liner is engineered with similar properties as Easy High Class, but has been formulated with the grip gel to assist in donning and suspension. Specifically designed for transfemoral and active transtibial amputees. Aloe-Vera Dia-Care liner has 80% less vertical stretch then which provides more control and stability.

Curv Pro - Gel

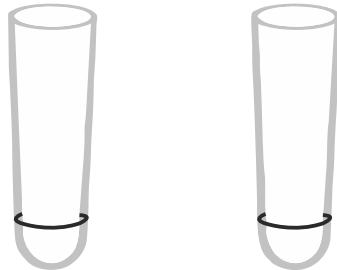
(PTO-39PSGL-18/ 22/ 24/ 26/ 28/ 32/ 38/ 45.)
 (PTO-39PCGC-18/ 22/ 24/ 26/ 28/ 32/ 38/ 45.)

- Material - Gel
- Locking Liner / Cushion Liner

- Standard - Export Quality
- Color - Blue
- Distal end Umbrella Head for Pin



Size	18cm	22cm	24cm	26cm	28cm
32cm	38cm	45cm	6 mm uniform	3 mm uniform	



Recommendation:

- Curv Pro - Gel Locking & Cushion Liner
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with for fitting
- Wider distal end for ease of doffing
- Distal ends are proportionate to the size of the liner
- Available in thicknesses 3mm / 6mm uniform

Description:

The Curv Pro - Gel liner is engineered with similar properties as Easy High Class, but has been formulated with the grip gel to assist in donning and suspension. Specifically designed for transfemoral and active transtibial amputees. Curv Pro - Gel liner has 80% less vertical stretch then which provides more control and stability.

PROSTHETIC COMPONENTS

Modular Silicon Liners

Curv Pro - Sil

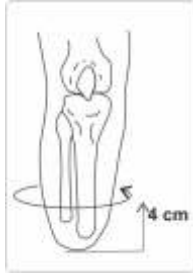
(PTO-40PSLL-22/ 23.5/ 25/ 26.5/ 28/ 30/ 32/ 34/ 36/ 38/ 40.)

(PTO-40PSLC-22/ 23.5/ 25/ 26.5/ 28/ 30/ 32/ 34/ 36/ 38/ 40.)

- Material - Silicon
- Locking Liner / Cushion Liner

- Standard - Export Quality
- Color - Gray
- Distal end Umbrella Head for Pin

Size	22cm	23.5cm	25cm	26.5cm	28cm
30cm	32cm	34cm	36cm	38cm	40cm



6 mm uniform



3 mm uniform



Recommendation:

- Silicon Locking & Cushion Liner
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with fitting
- Wider distal end for ease of donning
- Distal ends are proportionate to the size of the liner
- Available in thicknesses 3mm / 6mm uniform

Determination of the size:

To determine the correct liner size, the circumference of the residual limb is measured 4 cm above the distal end. Select that size being exactly the same of the stump circumference or the next smaller one.

Description:

The Curv Pro - Silicon liner is engineered with similar properties as Easy High Class, but has been formulated with the grip gel to assist in donning and suspension. Specifically designed for transfemoral and active transtibial amputees. Curv Pro - Silicon liner has 80% less vertical stretch then which provides more control and stability.



COMPONENTS

PROSTHETIC KITS

Modular Below Knee Kits

AK/BK KIT

Below Knee Kit-Semi Export (PTO-BKECO)

- Material - Casting Steel
- Standard - Semi Export

- Part Weight - 446 g
- Body Weight limit - 80 Kg

- Below Knee Semi Export Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-01ECO), Adapter to clamp the tube (PTO-11ECO), Short Pylon with integrated adapter (PTO-21ECO), Foot adapter (PTO-26ECO).



Below Knee Kit-Export Quality (PTO-BKEXQ)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 387 g
- Body Weight limit - 100 Kg

- Below Knee Export Quality Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-01EXQ), Adapter to clamp the tube (PTO-11EXQ), Short Pylon with integrated adapter (PTO-21EXQ), Foot adapter (PTO-26EXQ).



Below Knee Kit-(Titanium) (PTO-BKTEC)

- Material - Titanium
- Standard - Elite Class

- Part Weight - 302 g
- Body Weight limit - 120 Kg

- Below Knee Elite Class Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-01TEC), Adapter to clamp the tube (PTO-11TEC), Short Pylon (Carbon) with integrated adapter (PTO-21TEC), Foot adapter(PTO-26TEC).



Below Knee Kit-ECO08 (PTO-BKECO08)

- Material - Stainless Steel
- Standard - Semi Export

- Part Weight - 480 g
- Body Weight limit - 80 Kg

- Below Knee Semi Export Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-08EXQ), Adapter to clamp the tube (PTO-11EXQ), Short Pylon with integrated adapter (PTO-21EXQ), Foot adapter (PTO-26EXQ).



Below Knee Kit-EXQ08 (PTO-BKEXQ08)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 450 g
- Body Weight limit - 100 Kg

- Below Knee Export Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-08EXQ), Adapter to clamp the tube (PTO-11EXQ), Short Pylon with integrated adapter (PTO-21EXQ), Foot adapter (PTO-26EXQ).



PROSTHETIC KITS

Modular Below Knee Kits

AK/BK KIT

(PTO-BKECOMP)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 200 g
- Body Weight limit - 90 Kg

- Short Pylon with Serration plate Integrated with Funnel (200mm), Adapter to clamp the tube (PTO-11EXQ), Foot adapter (PTO-26EXQ).



**Below Knee Kit-ECO07-1
(PTO-BKECO07-1)**

- Material - Casting Steel
- Standard - Semi Export

- Part Weight - 530 g
- Body Weight limit - 80 Kg

- Below Knee Semi Export Kit (includes)- Plastic Socket Adapter with Flat type- Pyramidal Socket Adapter (PTO-07-1EXQ), Adapter to clamp the tube (PTO-11ECO), Short Pylon with integrated adapter (PTO-21ECO, Foot adapter (PTO-26ECO).



**Below Knee Kit-EXQ07-1
(PTO-BKEXQ07-1)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 459 g
- Body Weight limit - 100 Kg

- Below Knee Export Kit (includes)- Plastic Socket Adapter with Flat type- Pyramidal Socket Adapter (PTO-07-1EXQ), Adapter to clamp the tube (PTO-11EXQ), Short Pylon with integrated adapter (PTO-21EXQ, Foot adapter (PTO-26EXQ).



**Below Knee Kit-BKEXQ04-4
(PTO-BKEXQ04-4)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 458 g
- Body Weight limit - 100 Kg

- Below Knee Export Kit (includes)- Flat Plate type- Threaded Socket Adapter & Rotatable Pyramid With Base Plate (PTO-04-4EXQ), Pyramidal tube clamp adapter(PTO-12EXQ), Short Pylon with integrated adapter (PTO-21EXQ, Foot adapter (PTO-26EXQ).



**Below Knee Kit-BKECO02-1
(PTO-BKECO02-1)**

- Material - Casting Steel
- Standard - Semi Export Quality

- Part Weight - 483 g
- Body Weight limit - 100 Kg

- Below Knee Semi Export Kit (includes)- Socket Adapter (Fix Pyramidal- Flat type) with four holes, Base plate & attached Screws. (PTO-02-1ECO), Adapter to clamp the tube (PTO-11ECO), Short Pylon with integrated adapter (PTO-21ECO, Foot adapter (PTO-26ECO).



**Below Knee Kit-BKEXQ02-1
(PTO-BKEXQ02-1)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 431 g
- Body Weight limit - 100 Kg

- Below Knee Export Kit (includes)- Socket Adapter (Fix Pyramidal- Flat type) with four holes, Base plate & attached Screws. (PTO-02-1EXQ), Adapter to clamp the tube (PTO-11XQ), Short Pylon with integrated adapter (PTO-21EXQ, Foot adapter (PTO-26XQ).



PROSTHETIC KITS

Modular Below Knee Kits

Below Knee Kit (PTO-BK-EL-1)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - g
- Body Weight limit - 100 Kg

- Below Knee Kit Includes:
- Short Pylon with Integrated Adapter (200 mm) (PTO-21EXQ)
- Campus Clutch Shuttle Lock with Pin (PTO-34)
- Perseverance Silicon Liner (PTO-37SLL)
- Flat Type - Pyramidal Socket Adapter (PTO-02EXQ)
- PHOENIX Carbon Foot (Activity 2 - Low ankle)



Below Knee Kit (PTO-BK-EL-2)

- Material - Titanium
- Standard - Elite Class

- Part Weight - g
- Body Weight limit - 120 Kg

- Below Knee Kit Includes:
- Carbon Short Pylon with Titanium Integrated Adapter (200 mm) (PTO-21TEC)
- Campus Clutch Shuttle Lock with Pin (PTO-34)
- Perseverance Silicone Liner (PTO-37SLL)
- Flat Type - Pyramidal Socket Adapter (PTO-02TEC)
- PHOENIX Carbon Foot (Activity 2 - Low ankle)



PROSTHETIC KITS

Modular Above Knee Kits

Above Knee Kit With J01 Joint (EXP) (PTO-AKEXQ01)

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.289kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Knee Joint - Single Axis (PTO - J01) Constant friction
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Adapter to clamp the tube (PTO-11EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



Above Knee Kit with J01 joint (ECO) (PTO-AKECO01)

- Material - Casting Steel, and Aluminum
- Standard - Economic

- Part Weight - 1.304kg
- Body Weight limit - 100Kg

- Above Knee KIT-consists of-
- Knee Joint - Single Axis (PTO -J01) Constant friction,
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Adapter to clamp the tube (PTO-11ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



Above Knee Kit With J02 Joint (EXP) (PTO-AKEXQ02)

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.174kg
- Body Weight limit - 100Kg

- Above Knee KIT-consists of-
- Knee Joint- Single Axis (PTO -J02) Load actuated breaking mechanism
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Adapter to clamp the tube (PTO-11EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt(PTO-26EXQ)



Above Knee Kit with J02 joint (ECO) (PTO-AKECO02)

- Material - Casting Steel, and Aluminum
- Standard - Economic

- Part Weight - 1.189kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Knee Joint- Single Axis (PTO-J02) Load actuated breaking mechanism
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Adapter to clamp the tube (PTO-11ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



PROSTHETIC KITS

Modular Above Knee Kits

**Above Knee Kit With J03 Joint (EXP)
(PTO-AKEXQ03)**

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.234kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Knee Joint- Single Axis (PTO-J03) Manual Locking Mechanism
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Adapter to clamp the tube (PTO-11EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



**Above Knee Kit with J03 joint (ECO)
(PTO-AKECO03)**

- Material - Casting Steel, and Aluminum
- Standard - Economic

- Part Weight - 1.249kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Knee Joint - Single Axis (PTO-J03) Manual Locking Mechanism
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Adapter to clamp the tube (PTO-11ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



**Above Knee Kit With J05 Joint (EXP)
(PTO-AKEXQ05)**

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.134kg
- Body Weight limit - 100Kg

- Above Knee KIT-consists of-
- Knee Joint- Polycentric- Integrated spring extension assist mechanism (PTO-J05)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Adapter to clamp the tube (PTO-11EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



**Above Knee Kit with J05 joint (ECO)
(PTO-AKECO05)**

- Material - Casting Steel, and Aluminum
- Standard - Economic

- Part Weight - 1.329kg
- Body Weight limit - 100Kg

- Above Knee KIT-consists of-
- Knee Joint- Polycentric- Integrated spring extension assist mechanism (PTO-J05)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Adapter to clamp the tube (PTO-11ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



AK/BK KIT

PROSTHETIC KITS

Modular Above Knee Kits

**Above Knee Kit With J06 Joint (EXP)
(PTO-AKEXQ06)**

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.305kg
- Body Weight limit - 100 Kg

- Through Knee KIT- consists of-
- Knee Joint- Polycentric knee disarticulation joint with J shape socket adaptor (PTO- J06)
- Adapter to clamp the tube (PTO-11EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



**Above Knee Kit with J06 joint (ECO)
(PTO-AKECO06)**

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.320kg
- Body Weight limit - 100 Kg

- Through Knee KIT- consists of-
- Knee Joint- Polycentric knee disarticulation joint with J shape socket adaptor (PTO- J06)
- Adapter to clamp the tube (PTO-11ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



**Above Knee Kit With J09 Joint (EXP)
(PTO-AKEXQ09)**

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.214kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J09)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



**Above Knee Kit with J09 joint (ECO)
(PTO-AKECO09)**

- Material - Casting Steel, Aluminum
- Standard - Export Quality

- Part Weight - 1.229kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J09)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



AK/BK KIT

PROSTHETIC KITS

Modular Above Knee Kits

Above Knee Kit With J10 Joint (EXP) (PTO-AKEXQ10)

- Material - Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - N/A
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J10)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



Above Knee Kit with J10 joint (ECO) (PTO-AKECO10)

- Material - Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - N/A
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J10)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



Above Knee Kit with Poly Centric Pneumatic Knee Joint (EXP) (PTO-AKEXQPN)

- Material - Casting Steel, Stainless Steel and Aluminum
- Standard - Export Quality

- Part Weight - 1.344kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Poly Centric Pneumatic Knee Joint (PTO-K13A1-P)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt (PTO-26EXQ)



Above Knee Kit with Poly Centric Pneumatic Knee Joint (carbon) (PTO-AKTECPN)

- Material - Casting Steel, Aluminum
- Standard - Export Quality

- Part Weight - 1.359kg
- Body Weight limit - 100Kg

- Above Knee KIT- consists of-
- Poly Centric Pneumatic Knee Joint (PTO-K13A1-P)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1ECO)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)



PROSTHETIC KITS

Modular Above Knee Kits

Above Knee Kit (PTO-AK-EL-1)

- Material - S.Steel, Carbon & Aluminum
- Standard - Export Quality

- Part Weight - N/A
- Body Weight limit - 100Kg

- Above Knee Kit Includes:
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J10)
- Long Pylon with Integrated Adapter (400 mm) (PTO-22EXQ)
- Campus Clutch Shuttle Lock (PTO-34)
- Perseverance Silicon Liner PTO-37SLL
- Threaded Socket Adapter (Flat Plate type with rotatable pyramidal receiver) (PTO-04-1EXQ)
- PHOENIX Carbon Foot (Activity 2 - Low ankle)



Above Knee Kit (PTO-AK-EL-2)

- Material - S.Steel, Carbon & Aluminum
- Standard - Export Quality

- Part Weight - N/A
- Body Weight limit - 120Kg

- Above Knee Kit Includes:
- Four Bar Pneumatic Knee Joint (PTO-K13AL-P2)
- Long Pylon with Integrated Adapter (400 mm) (PTO-22EXQ)
- Campus Clutch Shuttle Lock (PTO-34)
- Perseverance Silicon Liner PTO-37SLL
- Threaded Socket Adapter (Flat Plate type with rotatable pyramidal receiver) (PTO-04-1EXQ)
- PHOENIX Carbon Foot (Activity 2 - Low ankle)



Above Knee Kit (PTO-AK-EL-3)

- Material - S.Steel, Carbon & Aluminum
- Standard - Export Quality

- Part Weight - N/A
- Body Weight limit - 125Kg

- Above Knee Kit Includes:
- Four Bar Hydraulic Knee Joint (PTO- J15A)
- Long Pylon with Integrated Adapter (400 mm) (PTO-22EXQ)
- Campus Clutch Shuttle Lock (PTO-34)
- Perseverance Silicon Liner PTO-37SLL
- Threaded Socket Adapter (Flat Plate type with rotatable pyramidal receiver) (PTO-04-1EXQ)
- PHOENIX Carbon Foot (Activity 2 - Low ankle)



AK/BK KIT

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-01S (Adjustable constant friction with extension assist mechanism) (PTO-J01)

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 645 g
- Body Weight limit - 100 Kg



- **Recommendation:**
 - For trans-femoral amputees
 - With moderate functional levels
 - Moderate stance phase stability
- **Description:**
 - Moderate swing phase control
 - very suitable for longer stump lengths
 - Not Suitable for amputees with higher functional levels

The knee axis connects the upper and lower joint section with bushings. Stance phase stability is achieved by placing the knee axis posterior to the weight bearing line. Control of the swing phase is independently provided by the Extension Assist and by adjustment of the axis friction.

Technical Data:

- Knee flexion range: approx 155 Degree
- Height (knee center- upper edge): 25 mm

Cosmos-02S (Load actuated locking mechanism) (PTO-J02)

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 530 g
- Body Weight limit - 100 Kg



- **Recommendation:**
 - For trans-femoral amputees
 - With moderate functional levels
- **Description:**
 - High stance phase stability
 - Moderate swing phase control
 - Not Suitable for amputees with higher functional levels

Description:

The connection between upper and lower joint section is generated by the swing- and friction axis operates as a load depended brake. this secures, in combination with the posterior positioning, the stance phase. The adjustment of the axis friction and spring load control the swing phase.

Technical Data:

- Knee flexion range: approx 150 Degree
- Height (knee center- upper edge): 40 mm

Cosmos-03S (Manual locking with exchangeable extension assist spring mechanism) (PTO-J03)

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 590 g
- Body Weight limit - 100 Kg



- **Recommendation:**
 - For trans-femoral amputees
 - With moderate functional levels
- **Description:**
 - High stance phase stability
 - No swing phase control
 - Not Suitable for amputees with moderate and higher functional level

Description:

The knee axis connects the upper and lower joint section with bushing and ball bearings. The adjustable lock secures the knee in extension. de- block of flexion via lock cable. self- acting lock at full extension with the help of the of the extension assist.

Technical Data:

- Knee flexion range: approx 120 Degree
- Height (knee axis center- upper edge): 37 mm

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-05S (Integrated spring extension assist mechanism) (PTO-J05 / PTO-J05T)



- | | |
|--|--|
| <ul style="list-style-type: none"> • Material - Casting Steel / Titanium • Standard - Export Quality | <ul style="list-style-type: none"> • Part Weight - 670 /..... g • Body Weight limit - 100 Kg |
|--|--|

- **Recommendation:**
- For trans-femoral amputees
- With lower functional levels
- Medium stance phase stability
- Suitable also for hip disarticulating amputees
- Not Suitable for amputees with higher functional levels

Description:

Upper and lower joint section is connected with linkage bars. The stance phase stability is achieved with the polycentric kinematic (adjustment of the instant center of rotation by adjustment of the stop). The step-less adjustment of the axis friction and of the extension assist spring controls the swing phase.

Technical Data:

- Knee flexion range: approx 120 Degree
- Height (knee axis center- upper edge): 37 mm

Cosmos-06S (Knee Disarticulation Joint with J-shape socket adaptor, adjustable extension assist) (PTO-J06)



- | | |
|--|---|
| <ul style="list-style-type: none"> • Material - Casting Steel / Titanium • Standard - Export Quality | <ul style="list-style-type: none"> • Part Weight - 845 g • Body Weight limit - 100 Kg |
|--|---|

- **Recommendation:**
- For knee disarticulating (Polycentric)
- With mechanical extension assist
- Suitable for max. 100 kg body weight
- For knee disarticulating amputees
- With lower functional levels
- Normal stability
- Not Suitable for insecure amputees and those with higher functional levels

Description:

The upper joint section with adjustment core and the lower joint section with anterior and posterior linkage bars. The lamination anchor is the detachable connection to the socket. The stance phase stability is achieved through polycentric kinematic. Extension assist and axial friction are booth adjustable.

Technical Data:

- Knee flexion range: approx 110 Degree
- Height (knee axis center- upper edge): 18 mm

Cosmos-07S (Polycentric Knee Joint (ideal for Knee Disarticulation with J-shape socket adaptor, adjustable extension assist) (WITH LOCK) - CS) (PTO-J07)



- | | |
|---|---|
| <ul style="list-style-type: none"> • Material - Casting Steel • Standard - Export Quality | <ul style="list-style-type: none"> • Part Weight - 845 g • Body Weight limit - 100 Kg |
|---|---|

- **Recommendation:**
- For knee disarticulating (Polycentric)
- With mechanical locking extension assist
- Suitable for max. 100 kg body weight
- For knee disarticulating amputees
- With lower functional levels
- Normal stability
- Suitable for insecure amputees

Description:

The upper joint section with adjustment core and the lower joint section with anterior and posterior linkage bars. The lamination anchor is the detachable connection to the socket. The stance phase stability is achieved through polycentric kinematic. Extension assist and axial friction are booth adjustable.

Technical Data:

- Knee flexion range: approx 110 Degree
- Height (knee axis center- upper edge): 18 mm

Cosmos-08S (Polycentric Knee Joint (ideal for Knee Disarticulation with J-shape socket adaptor, adjustable extension assist)- AL) (PTO-J08)

- Material - Aluminium
- Standard - Export Quality

- Part Weight - 570g
- Body Weight limit - 100Kg



- **Recommendation:**
- With adjustment core on both sides
- Polycentric
- With mechanical extension assist
- Suitable for max. 100 kg body weight
- For trans-femoral amputees
- With moderate functional levels
- Medium stance and swing phase stability
- Not Suitable for amputees with higher functional levels

Description:

Upper and lower joint section is connected with linkage bars. The stance phase stability is achieved with the polycentric kinematic (adjustable of the instant center of rotation by adjustment of the stop). The step-less adjustment of the axis friction and of the extension assist spring controls the swing phase.

Cosmos-09S (Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor)) (PTO-J09)

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 670 g
- Body Weight limit - 100 Kg



- **Recommendation:**
- Polycentric
- With integrated extension assist
- Suitable for max. 100 kg body weight
- For trans-femoral amputees
- With moderate functional levels
- Medium stance and swing phase stability
- Suitable also for hip disarticulating amputees
- Not Suitable for amputees with higher functional levels

Description:

Upper and lower joint section is connected with linkage bars. The stance phase stability is achieved with polycentric kinematic (adjustment of the instant center of rotation by adjustment of the stop). The step-less adjustment of the axis friction and of the extension assist spring controls the swing phase.

Technical Data:

- Knee flexion range: approx 120

Cosmos-10S (Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor)) (PTO-J10)

- Material - Aluminium
- Standard - Export Quality

- Part Weight - 649g
- Body Weight limit - 100Kg



- **Recommendation:**
- With adjustment core on both sides
- Polycentric
- With mechanical extension assist
- Suitable for max. 100 kg body weight
- For trans-femoral amputees
- With moderate functional levels
- Medium stance and swing phase stability
- Not Suitable for amputees with higher functional levels

Description:

Upper and lower joint section is connected with linkage bars. The stance phase stability is achieved with the polycentric kinematic (adjustable of the instant center of rotation by adjustment of the stop). The step-less adjustment of the axis friction and of the extension assist spring controls the swing phase.

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-11S (Locking Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) -AL) (PTO-J11)



- Material - Aluminium
- Standard - Export Quality

- Part Weight - 620g
- Body Weight limit - 100 Kg

- **Recommendation:**
 - Polycentric
 - With integrated extension assist
 - Suitable for max. 100 kg body weight
 - For trans-femoral amputees
- With moderate functional levels
- Medium stance and swing phase stability
- Suitable also for hip disarticulating amputees
- Not Suitable for amputees with higher functional levels

Cosmos-12S (Four Bar Linkage Hip Disarticulating Joint) (PTO-J12)



- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 1kg
- Body Weight limit - 100Kg

- **Recommendation:**
 - With adjustment core on both sides
 - Polycentric
 - With mechanical extension assist
 - Suitable for max. 100 kg body weight
- For trans-femoral amputees
- With moderate functional levels
- Medium stance and swing phase stability
- Not Suitable for amputees with higher functional levels

Description:

Upper and lower joint section is connected with linkage bars. The stance phase stability is achieved with the polycentric kinematic (adjustable of the instant center of rotation by adjustment of the stop). The step-less adjustment of the axis friction and of the extension assist spring controls the swing phase.

Galaxy-P4-1 (Four Bar Pneumatic Knee Joint) (PTO-K13AL-P1)



- Material - Aluminum
- Standard - Export Quality

- Part Weight - 800g
- Body Weight limit - 120Kg

- **Features:**
 - Adjustable flexion and extension control
 - Pneumatic swing phase control
 - Extension assist
 - Adjustable stability control

(Blue)

Galaxy-P4-2 (Four Bar Pneumatic Knee Joint) (PTO-K13AL-P2)



- Material - Aluminum
- Standard - Export Quality

- Part Weight - 800g
- Body Weight limit - 120Kg

- **Features:**
 - Adjustable flexion and extension control
 - Pneumatic swing phase control
 - Extension assist
 - Adjustable stability control

(Black)

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

**Galaxy-P5-1 (Five Bar Pneumatic Knee Joint)
(PTO-K14AL-P)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 1022g
- Body Weight limit - 125Kg

- Features:**
- Adjustable flexion and extension control
 - Extension assist
 - Pneumatic swing phase control
 - Adjustable stability control



**Galaxy-P5-2 (Five Bar Pneumatic Knee Joint)
(PTO-K14AL-P-KD)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 1025g
- Body Weight limit - 125Kg

- Features:**
- Adjustable flexion and extension control
 - Extension assist
 - Pneumatic swing phase control
 - Adjustable stability control



**Infinity-H4-1 (Four Bar Hydraulic Knee Joint)
(PTO- J15A)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 813g
- Body Weight limit - 125Kg

- Recommendation:**
- Polycentric
 - With integrated extension assist
 - Suitable for max. 125 kg body weight
 - For trans-femoral amputees
 - With moderate functional levels
 - Medium stance and swing phase stability
 - Suitable also for hip disarticulating amputees
 - Not Suitable for amputees with higher functional levels



**Infinity-H4-2 (Four Bar Hydraulic Knee Joint)
(PTO-J15B)**

- Standard - Export Quality

- Part Weight - 1104g
- Body Weight limit - 125Kg

Great Balance between stability in stance & Smoothness in swing.

- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw.



**Hydropneumatic Joint
(PTO-J16)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 867g
- Body Weight limit - 125Kg

- Features:**
- Brake system with special bearing design
 - E/F adjustment
 - Assistance extension spring adjustment
 - Hydraulic cylinder easy to replace



KNEE JOINT

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

SYMPHONY (6 Bar Hydraulic Knee Joint) NK-6 (PTO-J17)

- Standard - Export Quality

- Part Weight - 920g
- Body Weight limit - 125Kg

NK-6 : Great Balance between stability in stance & Smoothness in swing.

- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw.



SYMPHONY (6 Bar Hydraulic Knee Joint) NK-6SH (PTO-J17-1)

- Standard - Export Quality

- Part Weight - 920g
- Body Weight limit - 125Kg

Upper End of Joint - Threaded (Screw Headed)

- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw.



SYMPHONY (6 Bar Hydraulic Knee Joint) NK-6 + L (PTO-J17-2)

- Standard - Export Quality

- Part Weight - 920g
- Body Weight limit - 125Kg

- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw Selective Lock System.



SYMPHONY (6 Bar Hydraulic Knee Joint) NK-6SH + L (PTO-J17-3)

- Standard - Export Quality

- Part Weight - 920g
- Body Weight limit - 125Kg

Upper End of Knee Joint - Threaded (Screw Headed)

- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw Selective Lock System.



ALLUX 2 (MPK) Hydraulic Knee Joint (PTO-J18)

- Standard - Export Quality

- Part Weight - 1510g
- Body Weight limit - 125Kg

- Provides smooth walking according to walking speed and enables yielding required for descending slopes or stairs.
- Safety lock function can be used to keep ALLUX bending angle.
- Anti-stumbling function can be used to stop suddenly
- bending when the toes get stubbed on the ground ...



KNEE JOINT

PROSTHETIC FEET

Modular Prosthetic PU Feet

Spandan (PU SACH) Feet

**Spandan foot
PTO-FL (15C, 16C, 17C, 18C, 19C.)**

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 45 Kg
- Color - Cinnamon



Size	15cm	16cm	17cm	18cm	19cm
Weight	150 g	160 g	175 g	195 g	220 g

Recommendation:

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.

**Spandan foot
PTO-FL (15T, 16T, 17T, 18T, 19T.)**

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 45 Kg
- Color - Terra



Size	15cm	16cm	17cm	18cm	19cm
Weight	150 g	160 g	175 g	195 g	220 g

Recommendation:

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.



PROSTHETIC FEET

Modular Prosthetic PU Feet

Spandan (PU SACH) Feet

**Spandan foot
PTO-FR (15C, 16C, 17C, 18C, 19C.)**

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 45 Kg
- Color - Cinnamon



Size	15cm	16cm	17cm	18cm	19cm
Weight	150 g	160 g	175 g	195 g	220 g

Recommendation:

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.

**Spandan foot
PTO-FR (15T, 16T, 17T, 18T, 19T.)**

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 45 Kg
- Color - Terra



Size	15cm	16cm	17cm	18cm	19cm
Weight	150 g	160 g	175 g	195 g	220 g

Recommendation:

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.



PROSTHETIC FEET

Modular Prosthetic PU Feet

Spandan (PU SACH) Feet

Spandan foot

PTO-FL (20C, 21C, 22C, 23C, 24C, 25C, 26C, 27C, 28C.)



- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 80, 100 Kg
- Color - Cinnamon

Size	20cm	21cm	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	240 g	310 g	335 g	370 g	400 g	470 g	520 g	555 g	660 g

Recommendation:

• **Recommendation:**

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.

- For Size 20 and 21cm- recommend body weight up to 80kg
- For Size 22, 23, and 24cm- recommend body weight up to 100kg
- For Size 25, 26, 27 and 28cm- recommend body weight up to 100kg
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.

Spandan foot

PTO-FL (20T, 21T, 22T, 23T, 24T, 25T, 26T, 27T, 28T.)



- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 80, 100 Kg
- Color - Terra

Size	20cm	21cm	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	240 g	310 g	335 g	370 g	400 g	470 g	520 g	555 g	660 g

Recommendation:

• **Recommendation:**

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.

- For Size 20 and 21cm- recommend body weight up to 80kg
- For Size 22, 23, and 24cm- recommend body weight up to 100kg
- For Size 25, 26, 27 and 28cm- recommend body weight up to 100kg
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.

PROSTHETIC FEET

Modular Prosthetic PU Feet

Spandan (PU SACH) Feet

Spandan foot

PTO-FR (20C, 21C, 22C, 23C, 24C, 25C, 26C, 27C, 28C.)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 80, 100 Kg
- Color - Cinnamon



Size	20cm	21cm	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	240 g	310 g	335 g	370 g	400 g	470 g	520 g	555 g	660 g

Recommendation:

• **Recommendation:**

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.

- For Size 20 and 21cm- recommend body weight up to 80kg
- For Size 22, 23, and 24cm- recommend body weight up to 100kg
- For Size 25, 26, 27 and 28cm- recommend body weight up to 100kg
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.

Spandan foot

PTO-FR (20T, 21T, 22T, 23T, 24T, 25T, 26T, 27T, 28T.)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 80, 100 Kg
- Color - Terra



Size	20cm	21cm	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	240 g	310 g	335 g	370 g	400 g	470 g	520 g	555 g	660 g

Recommendation:

• **Recommendation:**

- Solid Ankle Cushion Heal. (SACH)
- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.

- For Size 20 and 21cm- recommend body weight up to 80kg
- For Size 22, 23, and 24cm- recommend body weight up to 100kg
- For Size 25, 26, 27 and 28cm- recommend body weight up to 100kg
- Recommended with foot wear.

Description:

Spandan (PU SACH) feet is made up of Polyurethane, wooden Keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for Entry level of ambulation.

PROSTHETIC FEET

Modular Prosthetic PU Feet

SAM (Single Axis-two hole) Feet

SAM Feet

PTO-SAM-L (23C, 24C, 25C, 26C, 27C.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Cinnamon



Size	23cm	24cm	25cm	26cm	27cm
Weight	330g	390 g	460 g	520 g	570 g

Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

- Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for moderate Entry level of ambulation amputation.

SAM Feet

PTO-SAM-L (23T, 24T, 25T, 26T, 27T.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Terra



Size	23cm	24cm	25cm	26cm	27cm
Weight	330g	390 g	460 g	520 g	570 g

Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

- Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for moderate Entry level of ambulation amputation.

PROSTHETIC FEET

Modular Prosthetic PU Feet

SAM (Single Axis-two hole) Feet

SAM Feet

PTO-SAM-R (23C, 24C, 25C, 26C, 27C.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Cinnamon



Size	23cm	24cm	25cm	26cm	27cm
Weight	330g	390 g	460 g	520 g	570 g

Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

- Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for moderate Entry level of ambulation amputation.

SAM Feet

PTO-SAM-R (23T, 24T, 25T, 26T, 27T.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Terra



Size	23cm	24cm	25cm	26cm	27cm
Weight	330g	390 g	460 g	520 g	570 g

Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

- Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which enhances its longevity and gives ultimate cosmetic appearance, which is light weight yet cost effective and suitable for moderate Entry level of ambulation amputation.

PROSTHETIC FEET

Modular Prosthetic PU Feet

SAM Feet with Ankle Joint

SAM Feet

PTO-SAM-AJ-L (23C, 24C, 25C, 26C, 27C.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Cinnamon



Size	23cm	24cm	25cm	26cm	27cm
Weight	455g	515g	690g	750g	800g

Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.

- Includes- Ankle Joint (small/ Large) Casting Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

SAM Feet

PTO-SAM-AJ-L (23T, 24T, 25T, 26T, 27T.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Terra



Size	23cm	24cm	25cm	26cm	27cm
Weight	455g	515g	690g	750g	800g

Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.

- Includes- Ankle Joint (small/ Large) Casting Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

SAM Feet with Ankle Joint

SAM Feet

PTO-SAM-AJ-R (23C, 24C, 25C, 26C, 27C.)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Cinnamon

Size	23cm	24cm	25cm	26cm	27cm
Weight	455g	515g	690g	750g	800g



Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.

- Includes- Ankle Joint (small/ Large) Casting Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

SAM Feet

PTO-SAM-AJ-R (23T, 24T, 25T, 26T, 27T.)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Terra

Size	23cm	24cm	25cm	26cm	27cm
Weight	455g	515g	690g	750g	800g



Recommendation:

- for trans-tibial and trans-femoral amputees.
- with moderate functional levels.

- Includes- Ankle Joint (small/ Large) Casting Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

PROSTHETIC FEET

Modular Prosthetic PU Feet

SAM Feet with Ankle Joint

SAM Feet

PTO-SAM-ALAJ-L (23C, 24C, 25C, 26C, 27C.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Cinnamon

Size	23cm	24cm	25cm	26cm	27cm
Weight	426g	486	640g	700g	750g



Recommendation:

- for trans-tibial and trans-femoral amputees. with moderate functional levels.
- Includes- Ankle Joint (small/ Large) Aluminum / Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

SAM Feet

PTO-SAM-ALAJ-L (23T, 24T, 25T, 26T, 27T.)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Terra

Size	23cm	24cm	25cm	26cm	27cm
Weight	426g	486	640g	700g	750g



Recommendation:

- for trans-tibial and trans-femoral amputees. with moderate functional levels.
- Includes- Ankle Joint (small/ Large) Aluminum / Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

PROSTHETIC FEET

Modular Prosthetic PU Feet

SAM Feet with Ankle Joint

SAM Feet

PTO-SAM-ALAJ-R (23C, 24C, 25C, 26C, 27C.)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Cinnamon



Size	23cm	24cm	25cm	26cm	27cm
Weight	426g	486	640g	700g	750g

Recommendation:

- for trans-tibial and trans-femoral amputees. with moderate functional levels.
- Includes- Ankle Joint (small/ Large) Aluminum / Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

SAM Feet

PTO-SAM-ALAJ-R (23T, 24T, 25T, 26T, 27T.)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Narrow

- Standard - Export Quality
- Body Weight limit - 100Kg
- Color - Terra



Size	23cm	24cm	25cm	26cm	27cm
Weight	426g	486	640g	700g	750g

Recommendation:

- for trans-tibial and trans-femoral amputees. with moderate functional levels.
- Includes- Ankle Joint (small/ Large) Aluminum / Steel with PU bumper
- Not Suitable for amputees with higher functional levels.
- Recommended with foot wear.

Description:

Single axis foot with two holes is made up of Polyurethane, wooden keel and pigments which light weight yet cost effective ultimate cosmetic appearance which suits Indian requirements yet cost effective and suitable for moderate level of ambulation amputation.

Symes P U Foot

PTO-SF-(L & R)-(23, 24, 25, 26, 27)

- Material - Poly Urethane
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 80 kg



Recommendation:

- For Symes Amputation Patient
- Recommended with foot Shoes

Size	23	24	25	26	27
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PROSTHETIC FEET

Modular Prosthetic PU Feet

Foot Shell

Foot shell for carbon keel

PTO-FSL (22C,23C, 24C, 25C, 26C, 27C, 28C)

- Material - Poly Urethane
- Feet Side - Left
- Shape - Regular

- Standard - Export Quality
- Color - Cinnamon



Size	23cm	24cm	25cm	26cm	27cm	28cm
Weight	200 g	215g	225 g	250 g	275 g	285 g

Recommendation:

- For trans-tibial and trans-femoral amputees.
- Compatible to Carbon keel
- For Size 23 and 24cm- recommend body weight up to 100kg
- For Size 25, 26, 27, and 28cm- recommend body weight up to 120kg
- Suitable for amputees with higher functional levels.
- Recommended with Shoes.

Foot shell for carbon keel

PTO-FSR (22C,23C, 24C, 25C, 26C, 27C, 28C)

- Material - Poly Urethane
- Feet Side - Right
- Shape - Regular

- Standard - Export Quality
- Color - Cinnamon



Size	23cm	24cm	25cm	26cm	27cm	28cm
Weight	200 g	215g	225 g	250 g	275 g	285 g

Recommendation:

- For trans-tibial and trans-femoral amputees.
- Compatible to Carbon keel
- For Size 23 and 24cm- recommend body weight up to 100kg
- For Size 25, 26, 27, and 28cm- recommend body weight up to 120kg
- Suitable for amputees with higher functional levels.
- Recommended with Shoes.

Carbon Keel

PHOENIX Carbon keel (Low Ankle) - Activity 2

PTO-PCKLA-2 (L & R) (22, 23, 24, 25, 26, 27, 28)

- Material - Carbon and S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 100 Kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- low profile design for limited clearance
- Lightweight and smooth gait
- Weather friendly

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g

PHOENIX Carbon keel (High Ankle) - Activity 2

PTO-PCKHA-2 (L & R) (22, 23, 24, 25, 26, 27, 28)

- Material - Carbon and S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 100 Kg



Recommendation:

- for trans-tibial and trans-femoral amputees.
- with High functional levels.
- Suitable for amputees with higher functional levels.
- Recommended with foot Shoe

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g

PROSTHETIC FEET

Carbon Foot With Foot Shell

Modular Prosthetic PU Feet

PHOENIX Carbon Keel with PU Shell (Low Ankle) - Activity 2
PTO-PCF-LA-2 (L & R) (22, 23, 24, 25, 26, 27, 28)



- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 100 Kg

Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- low profile design for limited clearance
- Lightweight and smooth gait
- Weather friendly

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g

PHOENIX Carbon Keel with PU Shell (High Ankle) - Activity 2
PTO-PCF-HA-2 (L & R) (23, 24, 25, 26, 27, 28)



- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 100 Kg

Recommendation:

- For trans-tibial and trans-femoral amputees.
- With High functional levels.
- Suitable for amputees with higher functional levels.
- Recommended with foot Shoes

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

Carbon Keel
PHOENIX Carbon keel (Low Ankle) - Activity 3
PTO-PCKLA-3 (L & R) (23, 24, 25, 26, 27, 28)



- Material - Carbon and S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 125 Kg

Features and Benefits:

- Dynamic Heel
- Sandal Toe Design
- Split Carbon Keel
- ±5° Torsion of Pyramid

Size	23cm	24cm	25cm	26cm	27cm	28cm
Weight	400g	420g	430g	460g	500g	520g

- ±10° Inversion & Eversion
- Impact Absorption by Middle Plate

PHOENIX Carbon keel (High Ankle) - Activity 3
PTO-PCKHA-3 (L & R) (22, 23, 24, 25, 26, 27, 28, 29, 30)



- Material - Carbon and S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - upto 136 Kg

Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Split toe for more stability and security
- Waterproof

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

FEET'S

PROSTHETIC FEET

Modular Prosthetic PU Feet

Carbon Foot With Foot Shell

PHOENIX Carbon Keel with PU Shell (Low Ankle) - Activity 3
PTO-PCF-LA-3 (L & R) (23, 24, 25, 26, 27, 28)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 125 Kg



Features and Benefits:

- Dynamic Heel
- Sandal Toe Design
- Split Carbon Keel
- ±5° Torsion of Pyramid

Size	23cm	24cm	25cm	26cm	27cm	28cm
Weight	400g	420g	430g	460g	500g	520g

- ±10° Inversion & Eversion
- Impact Absorption by Middle Plate

PHOENIX Carbon Keel with PU Shell (High Ankle) - Activity 3
PTO-PCF-HA-3 (L & R) (22, 23, 24, 25, 26, 27, 28, 29, 30)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - upto 136 Kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Split toe for more stability and security
- Waterproof

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

Carbon Keel

PHOENIX Carbon keel (Low Ankle) - Activity 4
PTO-PCKLA-4 (L & R) (22, 23, 24, 25, 26, 27, 28, 29, 30)

- Material - Carbon and S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 166 Kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- low profile design for limited clearance
- Lightweight and smooth gait

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

PHOENIX Carbon keel (High Ankle) - Activity 4
PTO-PCKHA-4 (L & R) (22, 23, 24, 25, 26, 27, 28, 29, 30)

- Material - Carbon and Aluminum
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 166 Kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Split toe for more stability and security
- Waterproof

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

PROSTHETIC FEET

Modular Prosthetic PU Feet

Carbon Foot With Foot Shell

PHOENIX Carbon Keel with PU Shell (Low Ankle) - Activity 4
PTO-PCF-LA-4 (L & R) (22, 23, 24, 25, 26, 27, 28, 29, 30)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 166 Kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- low profile design for limited clearance
- Lightweight and smooth gait

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

PHOENIX Carbon Keel with PU Shell (High Ankle) - Activity 4
PTO-PCF-HA-4 (L & R) (22, 23, 24, 25, 26, 27, 28, 29, 30)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 166 Kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Split toe for more stability and security
- Waterproof

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

Symes Carbon Foot With Foot Shell

PTO-SCF Activity 1&2 (L & R)-(23, 24, 25, 26, 27)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 80 kg



Recommendation:

- For Symes Amputation Patient
- Recommended with foot Shoes

Size	23	24	25	26	27
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Symes Carbon Foot With Foot Shell

PTO-SCF Activity 3&4 (L & R)-(22, 23, 24, 25, 26, 27, 28, 29, 30)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 166kg



Features and Benefits:

- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Split toe for more stability and security
- Waterproof

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm	29cm	30cm
Weight	150 g	155 g	195 g	210 g	226 g	235g	265g	275g	310g

- Weather friendly

FEET'S

PROSTHETIC FEET

Modular Prosthetic PU Feet

Chopart Carbon Foot With Foot Shell

PTO-CCF-(L & R)-(23, 24, 25, 26)

- Material - PU & Carbon & S.Steel
- Keel Side - Universal
- Shape - Regular

- Standard - Export Quality
- Body Weight limit - 80 kg



Recommendation:

- For trans-Chopart Carbon foot
- Recommended with foot Shoes

Size	23	24	25	26
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Jaipur Foot- Left

(PTO-JPL)

- Material - Vulcanized Rubber
- Shape - Wide-Toe

- Standard - Economic
- Body Weight limit - 80 Kg



Recommendation:

- For trans-tibial and trans-femoral amputees.
- With low functional levels.
- Recommended with foot wear/ Bare foot

Size	6	7	8	9	10
Weight	700g	750g	800g	850g	900g

Jaipur Foot- Right

(PTO-JPR)

- Material - Vulcanized Rubber
- Shape - Wide-Toe

- Standard - Economic
- Body Weight limit - 80 Kg



Recommendation:

- For trans-tibial and trans-femoral amputees.
- With low functional levels.
- Recommended with foot wear/ Bare foot

Size	6	7	8	9	10
Weight	700g	750g	800g	850g	900g



CHILD PROSTHETIC

Modular Child Prosthetic

Child Prosthetic Components & Joint

**Child Four Bar Mechanical Knee Joint (AL)
(PTO-CH01)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 400 g
- Body Weight limit - 45 Kg

- Pediatric light weight knee joint
- Four bar linkage mechanism
- suitable with pediatric tube
- stance face stability



**Child 4 Prong BK Socket Adapter
(PTO-CH02S)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 45 g
- Body Weight limit - 45 Kg

- With adjustment core and lamination anchor
- For trans-tibial sockets
- For direct lamination



**Child Tube Clamp Adapter
(PTO-CH03S)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 60 g
- Body Weight limit - 45 Kg

- Adapter to clamp the tube (Pyramidal receiver type)- Regular, inner dia 22 mm.
- With 4 adjustment set screws M6x8, zinc-pletet.



**Child Flat Pyramidal Receiver Socket Adapter
(PTO-CH04S)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 50 g
- Body Weight limit - 45 Kg

- Socket Adapter (Pyramidal Receiver-Flat type) with four holes.



**Child Flat Pyramidal receiver Socket Adapter With base plate
(PTO-CH04-1S)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 170 g
- Body Weight limit - 120 Kg

- Socket Adapter (Pyramidal Receiver-Flat type) with four holes.
- Base plate & attached Screws.



**Child Flat Pyramidal Socket Adapter
(PTO-CH05S)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 55 g
- Body Weight limit - 45 Kg

- Socket Adapter (Fix Pyramidal-Flat type) with four holes.



**Child Flat Pyramidal Socket Adapter with base plate
(PTO-CH05-1S)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 155 g
- Body Weight limit - 45 Kg

- Socket Adapter (Fix Pyramidal- Flat type) with four holes,
- Base plate & attached Screws.



Child Prosthetic Components & Joint

Child Foot Adapter (PTO-CH06S)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 40 g
- Body Weight limit - 45 Kg

- Foot Adapter with Bolt (MS) (M8) (length-50mm) & spring washer.
- For connection of different modular part weight or distal. Socket ends.



Aluminum Child Pylon (PTO-CH07S)

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 150 g
- Body Weight limit - 45 Kg

- Long - 300 mm with integrated adaptor (Stainless Steel) (Dia : 22 mm)



Child Knee Disarticulation knee Joint (AL) (PTO-CH08)

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 310 gm
- Body Weight limit - 45 Kg



- **Recommendation:**
 - For knee disarticulating (Polycentric)
 - With mechanical extension assist
 - For knee disarticulating amputees
- With lower functional levels
- Normal stability
- Not Suitable for insecure amputees and those with higher functional levels

Description:

The upper joint section with adjustment core and the lower joint section with anterior and posterior linkage bars. The lamination anchor is the detachable connection to the socket. The stance phase stability is achieved through polycentric kinematic. Extension assist and axial friction are both adjustable.

Child Hip Joint (AL) (PTO-CH09)

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 409 gm
- Body Weight limit - 45 Kg



- **Recommendation:**
 - With adjustment core on both sides
 - Polycentric
 - With mechanical extension assist
- For trans-femoral amputees
- With moderate functional levels
- Medium stance and swing phase stability
- Not Suitable for amputees with higher functional levels

Description:

Upper and lower joint section is connected with linkage bars. The stance phase stability is achieved with the polycentric kinematic (adjustable of the instant center of rotation by adjustment of the stop). The step-less adjustment of the axis friction and of the extension assist spring controls the swing phase.

Child Prosthetic Components & Joint

Modular Child Prosthetic

Child Below Knee Export Quality Kit -SS
(PTO-CH09)

- Material - Stainless steel
- Standard - Export Quality

- Part Weight - 295 g
- Body Weight limit - 45 Kg

• Includes

- Four prong Adapter (PTO-CH01S)
- Adapter to clamp the tube (PTO-CH03S)
- Pylon with integrated adapter (PTO-CH07)
- Foot adapter (PTO-CH06S)



Child Above Knee Export Quality Kit- SS
(PTO-CH11)

- Material - Stainless steel
- Standard - Export Quality

- Part Weight - 1.17kg
- Body Weight limit - 45 Kg

• Includes

- Socket Adapter (Pyramidal Receiver-Flat type) with four holes, Base plate & attached Screws (PTO-CH04-1S)
- Polycentric knee joint (PTO-CH01)
- Pylon with integrated adapter (PTO-CH07)
- Foot adapter (PTO-CH06S)



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

B/E Mechanical Kit With PU Glove (Adult) (Indian)

PTO-BE-01LA (Left) , PTO-BE-01RA (Right)

- Material - Aluminum and PU
- Standard - Economic Quality

• Part Weight - 650g

- Rubber Gloves, With Harness system



B/E Mechanical Kit With PU Glove (Child) (Indian)

PTO-BE-01LC (Left) , PTO-BE-01RC (Right)

- Material - Aluminum and PU
- Standard - Economic Quality

• Part Weight - 550g

- Rubber Gloves, With Harness system



A/E Mechanical Kit With PU Glove (Adult) (Indian)

PTO-AE-02LA (Left) , PTO-AE-02RA (Right)

- Material - Aluminum and PU
- Standard - Economic Quality

• Part Weight - 950g

- Rubber Gloves, Harness system With Mechanical elbow



A/E Mechanical Kit With PU Glove (Child) (Indian)

PTO-AE-02LC (Left) , PTO-AE-02RC (Right)

- Material - Aluminum and PU
- Standard - Economic Quality

• Part Weight - 950g

- Rubber Gloves, Harness system With Mechanical elbow

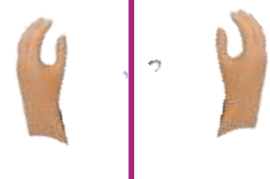


PU Hand Gloves

PTO-PUG-L (Left) , PTO-PUG-R (Right)

- Material - Polyurethane
- Standard - Economic Quality

• Part Weight - N/A



B/E Mechanical Kit With Short Silicon Glove (Imported)

PTO-BE-03L (Left) , PTO-BE-03R (Right)

- Material - Aluminum
- Standard - Export Quality

• Part Weight - 200g

- 3 Finger movement
- Action of hand can be control by cable
- Wrist joint can passively rotate
- Suitable for wrist disarticulating, and middle, short and long stumps of forearm
- With short silicon glove



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

A/E Mechanical Kit With Short Silicon Gloves (Imported)-Cable Controlled PTO-AE-04L (Left) , PTO-AE-04R (Right)

- Material - Aluminum
- Standard - Export Quality

• Part Weight - 1.05 kg

- 3 Finger movement
- Action of hand can be control by cable
- Wrist joint can passively rotate
- Upper arm can passively rotate
- With short silicon glove



A/E Mechanical Kit With Short Silicon Gloves (Imported)-Button Controlled PTO-AE-BU-04L (Left) , PTO-AE-BU-04R (Right)

- Material - Aluminum
- Standard - Export Quality

• Part Weight - 280 gm

- 3 Finger movement
- Action of hand can be control by Button
- Wrist joint can passively rotate
- Upper arm can passively rotate
- With short silicon glove



B/E Myo Kit (3 Fingers Moment) (Aluminium) With Short Silicon Glove (Imported) PTO-BE-05L-3AL (Left) , PTO-BE-05R-3AL (Right)

- Material - Aluminum
- Standard - Export Quality

• Part Weight - 280 gm

- 3 Finger movement
- Action of hand can be control by Myoelectricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- Waterproof
- With short silicon glove



B/E Myo Kit (3 Fingers Moment) (Aluminium) With Short Silicon Glove (Imported) Water -proof PTO-BE-05L-WF-3AL (Left) , PTO-BE-05R-WF-3AL (Right)

- Material - Aluminum
- Standard - Export Quality

• Part Weight - 280 gm

- 3 Finger movement
- Action of hand can be control by Myoelectricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- Waterproof
- With short silicon glove



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

B/E Myo Kit (5 Fingers Moment) (Aluminium) With Short Silicon Glove (Imported)

PTO-BE-06L-5AL (Left) , PTO-BE-06R-5AL (Right)

- Material - Aluminium
- Standard - Export Quality

• Part Weight - 280 gm

- 5 Finger movement
- Action of hand can be control by Myoelectricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- With short silicon glove



B/E Myo Kit (5 Fingers Moment) (Aluminium) With Short Silicon Glove (Imported) - Water-Proof

PTO-BE-06L-WF-5AL (Left) , PTO-BE-06R-WF-5AL (Right)

- Material - Aluminium
- Standard - Export Quality

• Part Weight - 280 gm

- 5 Finger movement
- Action of hand can be control by Myoelectricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- Waterproof
- With short silicon glove



B/E Myo Kit (3 Finger Moment) (Carbon) With Short Silicon Glove (Imported)

PTO-BE-07L-3C (Left) , PTO-BE-07R-3C (Right)

- Material - Carbon
- Standard - Export Quality

• Part Weight - 175 gm

- 3 Finger movement
- Action of hand can be control by Myoelectricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- Waterproof
- With short silicon glove



B/E Myo Kit (5 Finger Moment) (Carbon) With Short Silicon Glove (Imported)

PTO-BE-07L-5C (Left) , PTO-BE-07R-5C (Right)

- Material - Carbon
- Standard - Export Quality

• Part Weight - 175 gm

- 5 Finger movement
- Action of hand can be control by Myoelectricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- Waterproof
- With short silicon glove



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

A/E Myo Kit (3 Fingers Moment) (Aluminium) With Mechanical Elbow With Short Silicon Glove (Imported) PTO-AE-08L-3AL (Left) , PTO-AE-08R-3AL (Right)

- Material - Aluminium
- Standard - Export Quality

• Part Weight - 600gm

- 3 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



A/E Myo Kit (3 Fingers Moment) (Aluminium) With Mechanical Elbow With Short Silicon Glove (Imported) -Water Proof PTO-AE-08L-WF-3AL (Left) , PTO-AE-08R-WF-3AL (Right)

- Material - Aluminium
- Standard - Export Quality

• Part Weight - 175 gm

- 3 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



A/E Myo Kit (5 Fingers Moment) (Aluminium)with Mechanical Elbow with Short Silicon Glove (Imported) PTO-AE-09L-5AL (Left) , PTO-AE-09R-5AL (Right)

- Material - Aluminium
- Standard - Export Quality

• Part Weight - 600gm

- 5 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



A/E Myo Kit (5 Fingers Moment) (Aluminium)with Mechanical Elbow with Short Silicon Glove (Imported) -Water Proof PTO-AE-09L-WF-5AL (Left) , PTO-AE-09R-WF-5AL (Right)

- Material - Aluminium
- Standard - Export Quality

• Part Weight - 175 gm

- 5 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

A/E Myo Kit (3 Fingers Moment) (Carbon)with Mechanical Elbow with Short Silicon Glove (Imported) PTO-AE-10L-3C (Left) , PTO-AE-10R-3C (Right)

- Material - Carbon fiber
- Standard - Export Quality

• Part Weight - 550 gm

- 3 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for middle, short , long stump of forearm
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



A/E Myo Kit (5 Fingers Moment) (Carbon)with Mechanical Elbow with Short Silicon Glove (Imported)

PTO-AE-10L-5C (Left) , PTO-AE-10R-5C (Right)

- Material - Carbon
- Standard - Export Quality

• Part Weight - 175 gm

- 5 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



A/E Myo Kit (5 Fingers Moment) (Aluminium) (water proof) with Myo-Electric Elbow with Short Silicon Glove ---- 2 degree

PTO-AE-11L-WF-5AL (Left) , PTO-AE-11R-WF-5AL (Right)

- Material - Aluminum
- Standard - Export Quality

• Part Weight - 600gm

- 5 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



A/E Myo Kit (5 Fingers Moment) (Carbon) (water proof) with Myo-Electric Elbow with Short Silicon Glove ---- 2 degree

PTO-AE-12L-WF-5C (Left) , PTO-AE-12R-WF-5C (Right)

- Material - Carbon
- Standard - Export Quality

• Part Weight - 175 gm

- 5 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

A/E Myo Kit (5 Fingers Moment) (Carbon) (water proof) with Myo-Electric Elbow with Short Silicon Glove ---- 2 degree (whole carbon)

PTO-AE-13L-WF-5C (Left) , PTO-AE-13R-WF-5C (Right)

- Material - Carbon
- Standard - Export Quality

- Part Weight - 175 gm

- 5 Finger movement
- Action of hand can be control by myo electricity
- Thumb action is two degree freedom
- Wrist joint can passively rotate
- Suitable for long above elbow stump
- Mechanical Elbow (Passive control)
- Waterproof and with short silicon glove



SILICON GLOVES

Silicon Prosthetic Glove (Short) for Mechanical Hand

PTO-SG-01L-S (Left) , PTO-SG-01R-S (Right)

- Material - Silicon
- Standard - Export Quality

- Part Weight - NA

- Sizes- S/M/L/XL, Filler in two fingers, Shades- 1 to 18



Silicon Prosthetic Glove (Long) for Mechanical Hand

PTO-SG-01L-L (Left) , PTO-SG-01R-L (Right)

- Material - Silicon
- Standard - Export Quality

- Part Weight - NA

- Sizes- S/M/L/XL, Filler in two fingers, Shades- 1 to 18



Silicon Glove (Short) For Cosmetic Restoration Hand-Without Filler

PTO-SCR-02S-L (Left) , PTO-SCR-02S-R (Right)

- Material - Silicon
- Standard - Export Quality

- Part Weight - NA

- Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



Silicon Glove (Short) For Cosmetic Restoration Hand-With Filler

PTO-SCRF-02S-L (Left) , PTO-SCRF-02S-R (Right)

- Material - Silicon
- Standard - Export Quality

- Part Weight - NA

- Sizes- S/M/L/XL, With Filler, Shades- 1 to 18



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

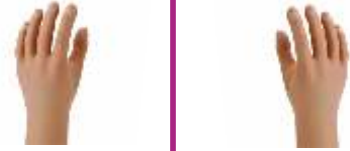
Below & Above Elbow Kits

Silicon Glove (Short) For Cosmetic Restoration Hand-Without Filler PTO-SCR-03S-L (Left) , PTO-SCR-03S-R (Right)

- Material - Silicon
- Standard - Export Quality

• Part Weight - NA

- Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



Silicon Glove (Long) For Cosmetic Restoration Hand-With Filler PTO-SCRF-03S-L (Left) , PTO-SCRF-03S-R (Right)

- Material - Silicon
- Standard - Export Quality

• Part Weight - NA

- Sizes- S/M/L/XL, With Filler, Shades- 1 to 18



Silicon Prosthetic Glove (Short With Chain) For Cosmetic Restoration Hand-Without Filler PTO-SCR-04S-L (Left) , PTO-SCR-04S-R (Right)

- Material - Silicon
- Standard - Export Quality

• Part Weight - NA

- Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



Silicon Prosthetic Glove (Long With Chain) For Cosmetic Restoration Hand-With Filler PTO-SCRF-04S-L (Left) , PTO-SCRF-04S-R (Right)

- Material - Silicon
- Standard - Export Quality

• Part Weight - NA

- Sizes- S/M/L/XL, With Filler, Shades- 1 to 18



Silicon Prosthetic Glove (Short With Chain) For Cosmetic Restoration Hand-Without Filler PTO-SCR-05S-L (Left) , PTO-SCR-05S-R (Right)

- Material - Silicon
- Standard - Export Quality

• Part Weight - NA

- Sizes- S/M/L/XL, Without Filler & Bolt, Shades- 1 to 18



Silicon Prosthetic Glove (Long With Chain) For Cosmetic Restoration Hand-With Filler PTO-SCRF-05S-L (Left) , PTO-SCRF-05S-R (Right)

- Material - Silicon
- Standard - Export Quality

• Part Weight - NA

- Sizes- S/M/L/XL, With Filler & Bolt, Shades- 1 to 18

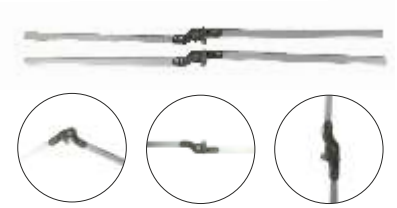


**Spring Loaded Orthotic Knee Joint with Aluminum bars
(PTO-OR01-1)**

- Material - SS and Aluminum
- Standard - Export Quality

- Part Weight - 700g
- Body Weight limit - 100 Kg

- Spring Loaded Orthotic Knee Joint (AL) (Dual Unlocking Mechanism) with Aluminum bars - (Set)

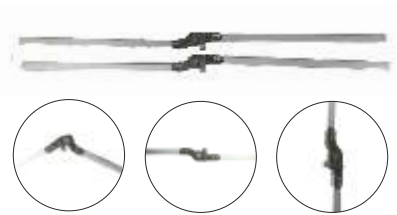


**Spring Loaded Orthotic Knee Joint with Stainless Steel bars
(PTO-OR01-2)**

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 900g
- Body Weight limit - 120 Kg

- Spring Loaded Orthotic Knee Joint (SS) (Dual Unlocking Mechanism) with Stainless Steel bars - (Set)



**Drop Lock Joint (Pair)
(PTO-OR02-1) , (PTO-OR02-2) , (PTO-OR02-3)**

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 150g, 180g, 200g
- Body Weight limit - 25 Kg, 50 Kg, 80 Kg

- Drop Lock Orthotic Knee Joint (Size 1, 2, 3 Child) - (per Set without bar)



**Drop Lock Joint (Pair) (With Bars)
(PTO-OR03-1) , (PTO-OR03-2) , (PTO-OR03-3)**

- Material - Casting Steel and Aluminum
- Standard - Export Quality

- Part Weight - 300g, 350g, 700g
- Body Weight limit - 25 Kg, 50 Kg, 80 Kg

- Drop Lock Orthotic Knee Joint (Size 1, Child 2, 3 Adult) - (per Set with Aluminum bar)



**Aluminum Bars (Set of 4 bars)
(PTO-OR04-1) , (PTO-OR04-2) , (PTO-OR04-3)**

- Material - Aluminum
- Standard - Export Quality

- Part Weight - 150g, 200g, 400g

- Small /Medium /Large Aluminum bars for Orthotic Knee Joint (2 straight & 2 Contoured) (Set of 4 bars)



**Hip Joint with bar
(PTO-OR05-1) , (PTO-OR05-2) , (PTO-OR05-3)**

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 180g, 230g, 280g
- Body Weight limit - 80 Kg

- Hip Joint With Bar (Size I, II, III) - (Pair)



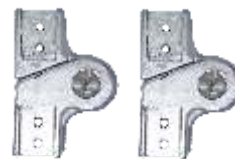
Orthotic Products

Off-set Orthotic Knee Joint (Size III)-(pair) (PTO-OR06)

- Material - Casting Steel
- Standard - Export Quality

- Part Weight - 180g
- Body Weight limit - 80 Kg

- Off-set Orthotic Knee Joint (Size III) - (Pair)



Off-set Orthotic Knee Joint (Size III) (pair) (with bars) (PTO-OR06-1)

- Material - Casting Steel and Aluminum
- Standard - Export Quality

- Part Weight - 580g
- Body Weight limit - 80 Kg

- Off-set Orthotic Knee Joint (Size III) - (pair) (with bars)



Spandan Ankle Joint (PTO-OR07-1) , (PTO-OR07-2) , (PTO-OR07-3)

- Material - Stainless Steel
- Standard - Export Quality

- Part Weight - 30g, 50g, 80g
- Body Weight limit - 25 Kg, 45 Kg, 65 Kg

- Spandan Ankle Joint (Size 1, 2, 3) - (per Set) (SS)



Tamarac Ankle Joint (Pairs)

Product Code	Part Weight	Body Weight limit	Size	Material
PTO-OR08-1	20g	25g	1	Nylon
PTO-OR08-2	30g	50g	2	Nylon
PTO-OR08-3	45g	80/90g	3	Nylon
PTO-OR08-1DO	20g	25g	1	Nylon
PTO-OR08-2DO	30g	50g	2	Nylon
PTO-OR08-3DO	45g	80/90g	3	Nylon
PTO-OR08-D1	20g	25g	1	Nylon
PTO-OR08-D2	30g	50g	2	Nylon
PTO-OR08-D3	45g	80/90g	3	Nylon

- Tamarac Joint (Size 3) (Dummy on demand at additional Cost)



Orthotic Strap

Product Code	Size	Material
PTO-OR9-1/6	1"	Nylon Strap
PTO-OR9-1/8	1"	Nylon Strap
PTO-OR9-1/10	1"	Nylon Strap
PTO-OR9-1/12	1"	Nylon Strap
PTO-OR9-1/15	1"	Nylon Strap
PTO-OR9-1/18	1"	Nylon Strap
PTO-OR9-1.5/6	1.5"	Nylon Strap
PTO-OR9-1.5/8	1.5"	Nylon Strap
PTO-OR9-1.5/10	1.5"	Nylon Strap
PTO-OR9-1.5/12	1.5"	Nylon Strap
PTO-OR9-1.5/15	1.5"	Nylon Strap
PTO-OR9-2/10	2"	Nylon Strap
PTO-OR9-2/12	2"	Nylon Strap
PTO-OR9-2/15	2"	Nylon Strap
PTO-OR9-2/20	2"	Nylon Strap
PTO-OR9-1D	1"	Nylon Strap
PTO-OR9-1.5D	1.5"	Nylon Strap
PTO-OR9-2D	2"	Nylon Strap



- Orthotic Strap (Different Lengths/Colours)/ Cotton, Nylon P.P, S.S D Ring.

**Orthotic Leather Knee Cap Orthotics
(PTO-OR10-1) , (PTO-OR10-2) , (PTO-OR10-3)**

- Material - Leather
- Standard - Export Quality

- Part Weight - 100 g, 110g, 120g

- Orthotic Leather Knee Cap for Orthotics (Size 1, 2, 3)



**DB Splint Base (Plastic)-Pair
(PTO-OR-11)**

- Material - Plastic
- Standard - Export Quality

- Part Weight - NA

- Plastic Base
- Height - 8.9 cm • Weight - 8.9 cm



**Coloring Paper Sheet (Sheet of 1 mtr x 1 mtr Size)
(PTO-OR12)**

- Material - Paper
- Standard - Export Quality

- Part Weight - NA

- Coloring Paper Sheet (Sheet of 1 mtr X 1 mtr Size)
- Silicon Spree for better effect is available at Spacial demand



**Foot Impressions Block (Foot foam)
(PTO-OR13-4)**

- Material -
- Standard - Export Quality

- Part Weight - NA

- Foot Foam Impression Foam Kit



Orthotic Products

**AFO Kit (LM)(ALIMCO type) - Small
(PTO-OR14-1S)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour.
- MOQ Applicable



**AFO Kit (LM)(ALIMCO type) - Medium
(PTO-OR14-2M)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour, Knee joints- 2 nos.
- MOQ Applicable



**AFO Kit (LM)(ALIMCO type) - Large
(PTO-OR14-3L)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 2 straight, 2 contour, Knee joints- 2 nos, Hip joint -1 no, Bands - 1 calf, 1 Thigh, 1 Pelvic
- MOQ Applicable



**KAFO Kit (LM)(ALIMCO type) - Small
(PTO-OR14-1)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour.
- MOQ Applicable



**KAFO Kit (LM)(ALIMCO type) - Medium
(PTO-OR14-2)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour, Knee joints- 2 nos.
- MOQ Applicable



**KAFO Kit (LM)(ALIMCO type) - Large
(PTO-OR14-3)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 2 straight, 2 contour, Knee joints- 2 nos, Hip joint -1 no, Bands - 1 calf, 1 Thigh, 1 Pelvic
- MOQ Applicable



**HKAFO Kit(LM) (ALIMCO type) - Small
(PTO-OR14-1)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour.
- MOQ Applicable



**HKAFO Kit(LM) (ALIMCO type) - Medium
(PTO-OR14-2)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour, Knee joints- 2 nos.
- MOQ Applicable



**HKAFO Kit(LM) (ALIMCO type) - Large
(PTO-OR14-3)**

- Contains- Ankle joint with Stir-up 2 nos, Bars- 2 straight, 2 contour, Knee joints- 2 nos, Hip joint -1 no, Bands - 1 calf, 1 Thigh, 1 Pelvic
- MOQ Applicable



Raw Materials

Resin & Hardener

(PTO-M01-1/1)

ACRY-CRYL Laminating Resin 80:20

- ACRY-CRYL Acrylic Resins are the standard resins in the entire orthopedic range. They are easy to be processed and harden fast. Using reinforcing materials the laminates can be thermally deformed later on.
- ACRY-CRYL Laminating Resin 80:20 Semi-rigid Acrylic Casting Resin. Transparent, thermoplastic skin-friendly, can be mixed with all other ACRY-CRYL acrylic resins. Cuing by means of approx. 1-3%hardener powder.
- Reference Description Quantity-Resin 4.6 kg , Hardener 150 gm



ACRY-CRYL 80:20 - 4.6 KG.

(PTO-M01-1/2)

- Material - Acrylic Resin
- Standard - Export Quality

• Net Weight - 4.600 Kg



HARDNER POWDER 150 GM .

(PTO-M01-1/3)

- Material - Dicyclohexyl Phthalate
- Standard - Export Quality

• Part Weight - 150 gm



Resin & Hardener

(PTO-M01-1)

- Material - Epoxy Resin
- Standard - Export Quality

• Net Weight - 3.450 Kg

- Resin for Lamination with hardener (Cherry-Picker, Combo Package) (Qty - 3.00 Kg Resin + 450 g Hardener)



Foam Build-up

(PTO-M01-2)

- Material - ISO and POLY
- Standard - Export Quality

• Net Weight - 2 Kg

- FOAM BUILD-UP (Combo Pack of 2Kg), ISO- 1Kg, POLY- 1Kg. Mixing ratio (1:1)



Pigment Paste

Product Code	Colour	Net Weight	Material	Standard
PTO-M01-3	Cinemon	250 gms	Epoxy Pigment	Export Quality
PTO-M01-4	Terra	250 gms	Epoxy Pigment	Export Quality
PTO-M01-5	Cinemon	1000 gms	Epoxy Pigment	Export Quality
PTO-M01-6	Terra	1000 gms	Epoxy Pigment	Export Quality



Suction Valve Set

(PTO-M02)

- Material - Plastic
- Standard - Export Quality

• Part Weight - 35 gm

- Suction Valve Set (Cap+Tube+Ring) (plastic)



RAW MATERIALS FOR P&O

Raw Materials

**J Attachment Socket Adapter
(PTO-M02-1)**

- Material - Casting Steel
- Standard - Export Quality

• Part Weight - 75g

- To be used with Knee disarticulating Joint, Socket Adapter

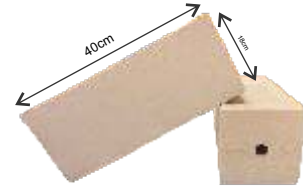


**BK Foam Cover
(PTO-M03-1)**

- Material - L D Foam
- Standard - Export Quality

• Net Weight - 335 gm

- BK Foam Cover (Rectangle block with 30 mm. ID)
- Throughout pylon Hole. L x W x H = 160 x 160 x 400 mm



**AK Foam Cover
(PTO-M03-2)**

- Material - PU Flexible Foam
- Standard - Export Quality

• Part Weight - 794 gm
• Color - Beige

- length: (91cm), Calf Circumference: (44cm)
- Knee Flexion: 30 Degree, Length from knee center to ankle- 14" or 36 cm.

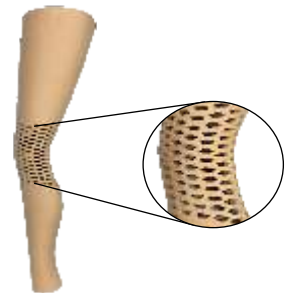


**AK Foam Cover
(PTO-M03-3)**

- Material - Polyurethane
- Standard - Export Quality

• Part Weight - 290g
• Color - Beige

- length: (84cm), Calf Circumference: (40cm)
- Knee Flexion: 30 Degree, Length from knee center to ankle- 16" or 43 cm.



**AK Foam Cover (Pre-shape, water proof)
(PTO-M03-4)**

- Material - EVA
- Standard - Export Quality

• Part Weight - 491 gm
• Color - Beige

- length: (85cm), Calf Circumference: (37cm)
- Knee Flexion: 30 Degree, Length from knee center to ankle- 16" or 43 cm.



**Texabond
(PTO-M04)**

- Material - Adhesive
- Standard - Export Quality

• Part Weight - 5 L

- a multipurpose adhesive from Avis Polymers that is used in many industries that use synthetic rubber adhesives.



RAW MATERIALS

RAW MATERIALS FOR P&O

Raw Materials

Cosmetic Stocking (Pair)

PTO-M04-1 (BK) , PTO-M04-2 (AK)

- Material - Nylon
- Standard - Export Quality

• Part Weight - 32 / 49 gm

- Cosmetic Stocking for BK / AK (pair)
- Upper Elastic Band



Chinese Stocking (Pair)

PTO-M04-3 (BK) , PTO-M04-4 (AK)

- Material - Nylon
- Standard - Export Quality

• Part Weight - 32 / 49 gm

- Cosmetic Stocking for BK / AK (pair)
- Upper Elastic Band



Cotton Stump Socks

Product Code	Size	Dimension	Part Weight
PTO-M05-1	Small	15" X 4"	110 gm
PTO-M05-2	Medium	17" x 4"	135 gm
PTO-M05-3	Large	19" X 4"	150 gm



Thermofomable Dome

Product Code	Size	Part Weight	Material
PTO-M06-1	Small	170 gm	EVA mouled
PTO-M06-2	Medium	200 gm	EVA mouled
PTO-M06-3	Large	250 gm	EVA mouled



Thermofomable Dome for BK / AK Soft Inner socket.

BK TES Belt

Product Code	Size	Part Weight	Material
PTO-M07-1	Small	150 gm	Lycra with fabric
PTO-M07-2	Medium	153 gm	Lycra with fabric
PTO-M07-3	Large	160 gm	Lycra with fabric
PTO-M07-4	Extra Large	190 gm	Lycra with fabric
PTO-M07-5	Double Extra Large	210 gm	Lycra with fabric



AK TES Belt

Product Code	Size	Part Weight	Material
PTO-M08-1	Small	200 gm	Lycra with fabric
PTO-M08-2	Medium	240 gm	Lycra with fabric
PTO-M08-3	Large	270 gm	Lycra with fabric
PTO-M08-4	Extra Large	300 gm	Lycra with fabric
PTO-M08-5	Double Extra Large	340 gm	Lycra with fabric



RAW MATERIALS

Raw Materials

AK TES Belt (Left/Right - Universal) ECO

Product Code	Size	Part Weight	Material
PTO-M08-1E	Small	205 gm	Rexine
PTO-M08-2E	Medium	206 gm	Rexine
PTO-M08-3E	Large	202 gm	Rexine
PTO-M08-4E	Extra Large	214 gm	Rexine



Carbon Fiber Fabric (PTO-M09-1)

- Material - Carbon
- Standard - Export Quality

• Part Weight - 230 gm

- Carbon Fiber Fabric
- (In Square meters)- (200 GSM)



Carbon Sleeve (stockinette)

Product Code	Size	Material
PTO-M09-2	4" Inches	Braided Carbon
PTO-M09-3	6" Inches	Braided Carbon
PTO-M09-4	8" Inches	Braided Carbon
PTO-M09-5	10" Inches	Braided Carbon
PTO-M09-6	12" Inches	Braided Carbon



Glass Fiber Fabric (PTO-M10)

- Material - Glass Fiber
- Standard - Export Quality

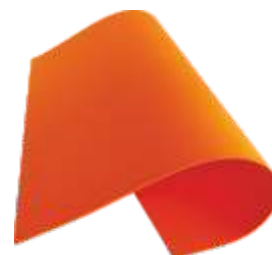
• Part Weight - 250 gm
• Body Weight limit - Kg

- Glass Fiber (In square meters)



Plastazote

Product Code	Colour	Size	Part Weight	Material
PTO-M11-4	Cinemon	1200 x 2100 mm	530 gm	EVA
PTO-M11-6	Cinemon	1200 x 2100 mm	792 gm	EVA
PTO-M11-8	Cinemon	1200 x 2100 mm	1.33 kg	EVA
PTO-M11-10	Cinemon	1200 x 2100 mm	1.66 kg	EVA



(Ideal for Insoles (Diabetic/ Leprosy), Arch Supports, Stump end buildup, Neck braces (i.e Philadelphia))

Raw Materials

Pedilin CR

Product Code	Colour	Size	Part Weight	Material
PTO-M13-3C	Cinemon	1000 X 1000 mm	400 gm	EVA
PTO-M13-4C	Cinemon	1000 X 1000 mm	500 gm	EVA
PTO-M13-6C	Cinemon	1000 X 1000 mm	800 gm	EVA
PTO-M13-8C	Cinemon	1000 X 1000 mm	1000 gm	EVA

(Ideal for Below Knee Soft insert Inner)



Ethasoft

PTO-M14-[2C/ 3C/ 4C/ 5C/ 6C]

- Material - EVA
- Standard - Export Quality

- Part Weight - 300, 450, 600, 750, 900 gm
- Colour - **Cinnamon**

- Ethasoft - (1000 x 1000 mm) - Cinamon Color, Thickness : 2 to 6 mm
- (Ideal for Caliper Padding/ braces and insole)



Ethasoft

PTO-M14-[2B/ 3B/ 4B/ 5B/ 6B]

- Material - EVA
- Standard - Export Quality

- Part Weight - 300, 450, 600, 750, 900 gm
- Colour - **Blue**

- Ethasoft - (1000 x 1000 mm) - Blue Color, Thickness : 2 to 6 mm
- (Ideal for Caliper Padding/ braces and insole)



Ethasoft

PTO-M14-[2Y/ 3Y 4Y, 5Y, 6Y]

- Material - EVA
- Standard - Export Quality

- Part Weight - 300, 450, 600, 750, 900 gm
- Colour - **Yellow**

- Ethasoft - (1000 x 1000 mm) - Yellow Colour, Thickness : 2 to 6 mm
- (Ideal for Caliper Padding/ braces and insole)



Ethasoft

PTO-M14-[2R/ 3R/ 4R/ 5R/ 6R]

- Material - EVA
- Standard - Export Quality

- Part Weight - 300, 450, 600, 750, 900 gm
- Colour - **Red**

- Ethasoft - (1000 x 1000 mm) - Red Colour, Thickness : 2 to 6 mm
- (Ideal for Caliper Padding/ braces and insole)



Ethasoft

PTO-M14-[2W/ 3W/ 4W/ 5W/ 6W]

- Material - EVA
- Standard - Export Quality

- Part Weight - 300, 450, 600, 750, 900 gm
- Colour - **White**

- Ethasoft - (1000 x 1000 mm) - White Colour, Thickness : 2 to 6 mm
- (Ideal for Caliper Padding/ braces and insole)



Raw Materials

Ethasoft

PTO-M14-[2BL/ 3BL/ 4BL/ 5BL/ 6BL]

- Material - EVA
- Standard - Export Quality

- Part Weight - 300, 450, 600, 750, 900 gm
- Colour - Black

- Ethasoft - (1000 x 1000 mm) - Black Colour, Thickness : 2 to 6 mm
- (Ideal for Caliper Padding/ braces and insole)



LTTP Sheet

PTO-M15-[1.6, 2.4, 3.2, 4.0]

- Material - Thermo Plastic
- Standard - Export Quality

- Part Weight - N/A
- Colour - White

- LTTP Sheet (Easy fit) (460 x 610 mm)(11% / 1% / 1% / 1%) Perforated
- (Ideal for Thermo-formeble non-weight bearing splints)



Polypropylene Sheet

Product Code	Colour	Size & Thickness	Part Weight	Material
PTO-M16-2W	Natural White	1 meter x 2 meter X 2 mm thickness	3.600 kg	Polypropylene Copolymer
PTO-M16-3W	Natural White	1 meter x 2 meter X 3 mm thickness	5.400 kg	Polypropylene Copolymer
PTO-M16-4W	Natural White	1 meter x 2 meter X 4 mm thickness	7.200 kg	Polypropylene Copolymer
PTO-M16-5W	Natural White	1 meter x 2 meter X 5 mm thickness	9.000 kg	Polypropylene Copolymer
PTO-M16-6W	Natural White	1 meter x 2 meter X 6 mm thickness	9.800 kg	Polypropylene Copolymer
PTO-M16-8W	Natural White	1.22 meter x 2 meter X 8 mm thickness	11.600 kg	Polypropylene Copolymer
PTO-M16-10W	Natural White	1.22 meter x 2 meter X 10 mm thickness	13.400 kg	Polypropylene Copolymer
PTO-M16-12W	Natural White	1.22 meter x 2 meter X 12 mm thickness	32.150 kg	Polypropylene Copolymer
PTO-M16-15W	Natural White	1.22 meter x 2 meter X 15 mm thickness	40.180 kg	Polypropylene Copolymer



Polypropylene Sheet

Product Code	Colour	Size	Part Weight	Material
PTO-M17-8W	Natural White	(8 mm X 400mm X 400 mm)	1.150 kg	Polypropylene Copolymer
PTO-M17-10W	Natural White	(10 mm X 400mm X 400 mm)	1.440 kg	Polypropylene Copolymer
PTO-M17-12W	Natural White	(12 mm X 400mm X 400 mm)	1.72 kg	Polypropylene Copolymer
PTO-M17-15W	Natural White	(15 mm X 400mm X 400 mm)	2.160 kg	Polypropylene Copolymer

(Ideal for Hard socket of AK / BK)



Rubberized flexible Sheet

Product Code	Colour	Size	Part Weight	Material
PTO-M18-2W	Natural White	2mm X 1250 mm X 2000 mm	6 kg	EVA Ethylene vinyl acetat
PTO-M18-3W	Natural White	3mm X 1250 mm X 2000 mm	9 kg	EVA Ethylene vinyl acetat
PTO-M18-4W	Natural White	4mm X 1250 mm X 2000 mm	12 kg	EVA Ethylene vinyl acetat
PTO-M18-6W	Natural White	6mm X 1250 mm X 2000 mm	18 kg	EVA Ethylene vinyl acetat



Rubberized flexible Sheet

Product Code	Colour	Size	Part Weight	Material
PTO-M19-8W	Natural White	8 mm X 400mm X 400 mm	2.400 kg	EVA Ethylene vinyl acetat
PTO-M19-10W	Natural White	10 mm X 400mm X 400 mm	3 kg	EVA Ethylene vinyl acetat
PTO-M19-12W	Natural White	12 mm X 400mm X 400 mm	3.600 kg	EVA Ethylene vinyl acetat
PTO-M19-15W	Natural White	15 mm X 400mm X 400 mm	4.500 kg	EVA Ethylene vinyl acetat



(Ideal for Soft inner socket of BK)

PVA Bag

Product Code	Colour	Size	Pack of	Material
PTO-M20-4	White	4"	20	Polyvinyl Alcohol
PTO-M20-6	White	6"	20	Polyvinyl Alcohol
PTO-M20-8	White	8"	20	Polyvinyl Alcohol
PTO-M20-10	White	10"	20	Polyvinyl Alcohol
PTO-M20-12	White	12"	20	Polyvinyl Alcohol
PTO-M20-14	White	14"	20	Polyvinyl Alcohol
PTO-M20-16	White	16"	20	Polyvinyl Alcohol
PTO-M20-20	White	20"	20	Polyvinyl Alcohol
PTO-M20-4-1	White	4"	10	Polyvinyl Alcohol
PTO-M20-6-1	White	6"	10	Polyvinyl Alcohol
PTO-M20-8-1	White	8"	10	Polyvinyl Alcohol
PTO-M20-10-1	White	10"	10	Polyvinyl Alcohol
PTO-M20-12-1	White	12"	10	Polyvinyl Alcohol
PTO-M20-14-1	White	14"	10	Polyvinyl Alcohol
PTO-M20-16-1	White	16"	10	Polyvinyl Alcohol
PTO-M20-20-1	White	20"	10	Polyvinyl Alcohol



Cotton Stockinette

Product Code	Width	Roll	Part Weight	Colour	Material
PTO-M21-30	30 mm	10 meter	170 gm	Off White	Cotton
PTO-M21-60	60 mm	10 meter	250 gm	Off White	Cotton
PTO-M21-80	80 mm	10 meter	333 gm	Off White	Cotton
PTO-M21-100	100 mm	10 meter	416 gm	Off White	Cotton
PTO-M21-120	120 mm	10 meter	500 gm	Off White	Cotton
PTO-M21-150	150 mm	10 meter	625 gm	Off White	Cotton
PTO-M21-KG	(any of above)	per kg	1000 gm	Off White	80% Cotton + 20% Nylon



Cotton Stockinette (Prime), Width: 150 mm = Per 10 Meter Roll

Raw Materials

Nylon Stockinette

Product Code	Width	Roll	Part Weight	Colour	Material
PTO-M21-N30	30 mm	10 meter	170 gm	Off White	Nylon
PTO-M21-N60	60 mm	10 meter	250 gm	Off White	Nylon
PTO-M21-N80	80 mm	10 meter	333 gm	Off White	Nylon
PTO-M21-N100	100 mm	10 meter	416 gm	Off White	Nylon
PTO-M21-N120	120 mm	10 meter	500 gm	Off White	Nylon
PTO-M21-N150	150 mm	10 meter	625 gm	Off White	Nylon
PTO-M21-N	(any of above)	per kg	1000 gm	Off White	Nylon



Nylon Stockinette (Prime), Width: 150 mm = Per 10 Meter Roll

Perlon Sleeve

Product Code	Width	Part Weight	Per kg	Colour	Material
PTO-M22-6	6 cm	1 kg	33 meter	White	Nylon & Synthetic Fiber
PTO-M22-8	8 cm	1 kg	24 meter	White	Nylon & Synthetic Fiber
PTO-M22-10	10 cm	1 kg	20 meter	White	Nylon & Synthetic Fiber
PTO-M22-12	12 cm	2 kg	16 meter	White	Nylon & Synthetic Fiber
PTO-M22-15	15 cm	2 kg	13 meter	White	Nylon & Synthetic Fiber



Ideal for light and strong socket lamination

Nyglass Sleeve

Product Code	Width	Part Weight	Per kg	Colour	Material
PTO-M22-N6	6 cm	1 kg	33 meter	White	Nyglass
PTO-M22-N8	8 cm	1 kg	24 meter	White	Nyglass
PTO-M22-N10	10 cm	1 kg	20 meter	White	Nyglass
PTO-M22-N12	12 cm	2 kg	16 meter	White	Nyglass
PTO-M22-N15	15 cm	2 kg	13 meter	White	Nyglass



Ideal for light and strong socket lamination

Plaster of Paris (POP) Bandages

Product Code	Part Weight	Size	Colour	Material
PTO-M23-4	106 gm	4 Inch	White	POP Powder
PTO-M23-6	160 gm	6 Inch	White	POP Powder



Plaster of Paris Bandages (Plasto/ Alfa pop Brand)

RAW MATERIALS FOR P&O

Raw Materials

HDPE Pipe

Product Code	Part Weight	Size	Colour	Material
PTO-M24-75	623 gm	75 mm	Beige	Poly-Ethylene
PTO-M24-90	885 gm	90 mm	Beige	Poly-Ethylene
PTO-M24-110	1.208 kg	110 mm	Beige	Poly-Ethylene



HDPE Pipe - For Exo-skeletal prosthesis & orthosis

**Teflon Sheet
(PTO-M25)**

- Material - Teflon
- Standard - Export Quality

- Part Weight - 500 gm
- Color - Of Wight

- Teflon Sheet - Prime Quality, (Size - 1 Square meter),
- High Heat Resistance



Hand Gloves

Product Code	Part Weight	Colour	Material
PTO-M26.1	346 gm	Yellow	Kevlar
PTO-M26.2	165 gm	Of White	Cotton

Hand Gloves for Oven (pair), Prime / Regular Quality
High Heat Resistance



Plaster Apron

Product Code	Size	Colour	Material
PTO-M27.2	One size fits most adults	Black	100% Polyester

Durable neck band and extra-long black ties that wrap around to tie in front, Easy care, machine washable



Safety Googles

Product Code	Part Weight	Size	Colour	Material
PTO-M27.3	100 g	Universal	Transparent	Polycarbonate Lens



Ear Protection

Product Code	Part Weight	Colour	Special Feature
PTO-M27.4	152 g	Red & Orange	Noise Cancelling

This product is great for reducing noise at work, home, while sleeping, or for safety. It creates quiet environments in noisy places and is essential for daily life, including students and workers.



Raw Materials

Filter Mask (Industrial)

Product Code	Part Weight	Colour	Material
PTO-MM27.5	240 g	Black	PVC + Active Carbon + PC



Aluminum Rivet

Product Code	Part Weight	Length	Thickness	Colour	Material
PTO-MM01-12	1 kg	12 mm	3mm	Silver	Aluminum
PTO-MM01-19	1 kg	19 mm	3mm	Silver	Aluminum
PTO-MM01-25	1 kg	25 mm,	3mm	Silver	Aluminum



Chirva Rivet

Product Code	Part Weight	Size	Packet of	Colour	Material
PTO-MM02-12	1 kg	12 mm	500 pieces	Silver	Steel
PTO-MM02-19	1 kg	19 mm	500 pieces	Silver	Steel



**Washer
(PTO-MM03)**

- Material - Mild Steel
- Standard - Export Quality

- Auxiliary Weight - 1 kg

- Washer (small) - in Kg. MS Galvanized, Any OD / ID / thickness



Copper Rivet

Product Code	Part Weight	Thickness	Length	Material
PTO-MM04-1	1 kg	3 mm	1 Inch	Copper
PTO-MM04-1.5	1 kg	3 mm	1.5 Inch	Copper



RAW MATERIALS FOR P&O

Raw Materials

**Nut Bolts
(PTO-MM05-1)**

- Material - Mild Steel
- Standard - Export Quality

- Auxiliary Weight - 1 kg

- Nut Bolts (per kg) Different heads & Types Available, (MS Galvanized) (Unit in kg)



(PTO-MM05-2)

- Material - Stainless Steel
- Standard - Export Quality

- Auxiliary Weight - 1 kg

- Nut Bolts (per kg) Different heads & Types Available, (Stainless Steel) (Unit in kg)



Press Button

Product Code	Part Weight	Size	Packet Of	Material
PTO-MM06-9	1 kg	9 mm	500	Cast Iron
PTO-MM06-12	1 kg	12 mm	500	Cast Iron



**Capsule Kadi
(PTO-MM07-[0.5C/1C/1.5C/2C])**

- Material - Stainless Steel
- Standard - Export Quality

- Auxiliary Weight - 1 kg

- Capsule kadi (SS), Sizes : 0.5, 1, 1.5, 2 inch = per kg



**D - Ring
(PTO-MM07-[0.5D/1D/1.5D/2D])**

- Material - Stainless Steel
- Standard - Export Quality

- Auxiliary Weight - 1 kg

- D - Ring (SS), Sizes : 0.5, 1, 1.5, 2 inch = per kg



**Lock Tight
(PTO-MM08)**

- Material - liquid Synthetic Polymer
- Standard - Export Quality

- Part Weight - 50 ml

- Lock Tight- 50 ml (Export Quality)



RAW MATERIALS FOR P&O

Raw Materials

**Velcro Hook Loop
(PTO-MM09-[0.5B/ 1B/ 1.5B/ 2B])**

- Material - Nylon, Polyester and Polypropylene
- Standard - Export Quality

- Part Weight - 400, 680,805,980 gm
- Color - Black

- Velcro Hook Loop (0.75, 1, 1.5, 2 Inch) (Black)



**Velcro Hook Loop
(PTO-MM09-[1W/ 1.5W/ 2W])**

- Material - Nylon, Polyester and Polypropylene
- Standard - Export Quality

- Part Weight - 400, 680, 980 gm
- Color - White

- Velcro Hook Loop (1, 1.5, 2 Inch) (White)



**Velcro Hook Loop
(PTO-MM09-[1B/ 2B])**

- Material - Nylon, Polyester and Polypropylene
- Standard - Export Quality

- Part Weight - 680, 980 gm
- Color - Beige

- Velcro Hook Loop (1, 2 Inch) (Beige)



**Tape/ Web
(PTO-MM10-[1T/ 1.5T/ 2T])**

- Material - Cotton/ Nylon
- Standard - Export Quality

- Part Weight - 400, 600, 800 gm
- Color - Black

- Tape / Web (1, 1.5, 2 Inch) (50 meter Roll)



**Donning Sleeve
(PTO-MM11)**

- Material - Cotton
- Standard - Export Quality

- Part Weight - NA
- Color - R/G/B/Y

- Prosthetic Socket Donning Sleeve (Size- S, M, L, XL)



RAW MATERIALS

TOOLS AND HAND TOOLS

Modular Tools.

**Rasp Graining Head
(PTO-T01-1)**

- Material - Cast Iron
- Standard - Export Quality
- Part Weight - 300g
- Rasp Head (Dia 36 x L40)



**Rasp Graining Head
(PTO-T01-2)**

- Material - Cast Iron
- Standard - Export Quality
- Part Weight - 350g
- Rasp Head (Dia 50 x L60)



**Rasp Graining Head
(PTO-T01-3)**

- Material - Cast Iron
- Standard - Export Quality
- Part Weight - 280g
- Rasp Head (Dia 28 x L82)-Conical



**Sanding Drum
(PTO-T01-4)**

- Material - PU Rubber
- Standard - Export Quality
- Part Weight - g
- Sanding Drum (Dia 72.5 x L200mm)



**Sanding Sleeves
(PTO-T01-5) , (PTO-T01-6) , (PTO-T01-7)**

- Material - Silicon Carbide polish paper
- Standard - Export Quality
- Sanding Sleeves (Grit 40, 60, 80)
(ID-72.5mm x L200 mm)



**Surform Blade (Half Round)
(PTO-T02-1)**

- Material - Mild Steel
- Standard - Export Quality
- Part Weight - 25g



**Surform Blade (Round)
(PTO-T02-2)**

- Material - Mild Steel
- Standard - Export Quality
- Part Weight - 30g



**Surform Blade (Flat)
(PTO-T02-3)**

- Material - Mild Steel
- Standard - Export Quality
- Part Weight - 50g



**Surform Blade Holder (Metallic)
(PTO-T02-4)**

- Material - Mettle frame
- Standard - Export Quality
- Part Weight - 300g



TOOLS AND HAND TOOLS

Modular Tools.

**Octagonal Nylon Mandrill (BK)
(PTO-T03-1)**

- Material - Nylon
- Standard - Export Quality
- Part Weight - 450g



**Octagonal Nylon Mandrill (AK)
(PTO-T03-2)**

- Material - Nylon
- Standard - Export Quality
- Part Weight - 700g



**Octagonal Nylon Mandrill (AK+BK)
(PTO-T03-3)**

- Material - Nylon
- Standard - Export Quality
- Part Weight - 700g



**Bending Brace Apparatus (Assembly)
(PTO-T04-1)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 1.700kg



**Riveting Bar
(PTO-T04-2)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - NA



**Bending Bar (Double End Spanner Shape) - 4 / 8
(PTO-T05-1)**

- Material - Hardened Mild Steel
- Standard - Export Quality
- Part Weight - 678g



**Bending Bar (Double End Spanner Shape) - 6 / 10
(PTO-T05-2)**

- Material - Hardened Mild Steel
- Standard - Export Quality
- Part Weight - 978g



**Bending Bar (Double End Spanner Shape) - Set consisting of 2 no. (4/ 8mm & 6/10mm)
(PTO-T05-3)**

- Material - Hardened Mild Steel
- Standard - Export Quality
- Part Weight - 1652g



**Anvil For P&O 25kg
(PTO-T06-1)**

- Material - Casting Iron
- Standard - Export Quality
- Part Weight - 25kg



TOOLS AND HAND TOOLS

Modular Tools.

**Shoe-Maker Anvil
(PTO-T06-2)**

- Material - Casting Iron
- Standard - Export Quality
- Part Weight - 5.5 kg



**Bench vice-6” (Apex Quality)
(PTO-T07-1)**

- Material - Casting Iron
- Standard - Export Quality
- Part Weight - NA



**Prosthetic Vice
(PTO-T07-2)**

- Material - Wooden and Steel
- Standard - Export Quality
- Part Weight - 45 Kg



**Pipe Vice
(PTO-T07-3)**

- Material - MS Casting
- Standard - Export Quality
- Part Weight - NA



**Hammer (30 / 50)
(PTO-T08-1) / (PTO-T08-2)**

- Material - Casting Iron
- Standard - Export Quality
- Part Weight - NA



**Mallet Rubber Hammer
(PTO-T08-3)**

- Material - Plastic Rubber
- Standard - Export Quality
- Part Weight - NA



**Shoemakers Hammer
(PTO-T08-4)**

- Material - Casting Iron
- Standard - Export Quality
- Part Weight - NA



**Plaster Spatula
(PTO-T09-1)**

- Material - Aluminum
- Standard - Export Quality
- Part Weight - 40gm



**Rubber Bowl (Set of 2)
(PTO-T09-2)**

- Material - Rubber
- Standard - Export Quality
- Part Weight - 35gm



TOOLS AND HAND TOOLS

Modular Tools.

**Scissors
(PTO-T10-1)**

- Material - Steel Alloys
- Standard - Export Quality
- Part Weight - 230gm



**Bandage Scissor
(PTO-T10-2)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 180gm



**Plaster Cast Scissor
(PTO-T10-3)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 170gm



**Plaster Cast Cutter
(PTO-T10-4)**

- Material - Stainless Steel
- Standard - Export Quality
- Part Weight - NA



**Leather Shear
(PTO-T10-5)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 410gm



**Shear Cutter
(PTO-T10-6)**

- Material - Mild Steel
- Standard - Export Quality
- Part Weight - NA



**Draw Knife
(PTO-T11-1)**

- Material - Casting Iron
- Standard - Export Quality
- Part Weight - 610gm



**Deburring Knife (With Replacement Blade)
(PTO-T11-2)**

- Material - Steel
- Standard - Export Quality
- Part Weight - NA



**Allen Key Set (8 Parts)
(PTO-T12-1)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 310gm
- Width across- 1.5,2,2.5,3,4,5,6,8 mm



TOOLS AND HAND TOOLS

Modular Tools.

**Allen Set (T- Type)(1.5 to 10 mm)
(PTO-T12-2)**

- Material - Steel
- Standard - Export Quality
- Part Weight - NA



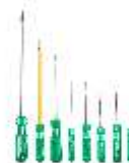
**Allen Set (L- Type)(1.5 to 10 mm)
(PTO-T12-3)**

- Material - Steel
- Standard - Export Quality
- Part Weight - NA



**Screw Driver Set (Set of 8)
(PTO-T12-4)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 1410gm



**Wooden / Plaster Chisel (Set of 2)
(PTO-T13-1)**

- Material - Hardened Mild steel
- Standard - Export Quality
- Part Weight - 130gm



**Center Punch
(PTO-T13-2)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 70gm
- L-120 mm



**Hole Punch
(PTO-T13-3)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 40gm
- Hole Size \varnothing (1 mm to 25 mm)



**Revolving Hole Punch
(PTO-T13-4)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 130gm
- Hole Punch \varnothing (2, 2.5, 3, 3.5, 4, 5mm)



**Hack Saw Frame (1 pc.)
(PTO-T14-1)**

- Material - Mild Steel Frame
- Standard - Export Quality
- Part Weight - 350gm



**Hack Saw Blade (10 pcs)
(PTO-T14-2)**

- Material - Carbide
- Standard - Export Quality
- Part Weight - 22gm



TOOLS AND HAND TOOLS

Modular Tools.

**Hand Saw
(PTO-T14-3)**

- Material - Steel
- Standard - Export Quality
- Part Weight - NA



**Flat File
(PTO-T15-1)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 480gm



**Half Round File
(PTO-T15-2)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 470gm



**Round File
(PTO-T15-3)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 430gm



**Square File
(PTO-T15-4)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 430gm



**Triangular File
(PTO-T15-4)**

- Material - Hardened En 8 grade
- Standard - Export Quality
- Part Weight - 500gm



**Torque Wrench
(PTO-T16-1)**

- Material - Scentless Steel
- Standard - Export Quality
- Part Weight - 1.250 kg



**Tap & Die set
(PTO-T16-2)**

- Material - Scentless Steel
- Standard - Export Quality
- Part Weight - 1 kg



**Outside Caliper
(PTO-T17-1)**

- Material - MS
- Standard - Export Quality
- Part Weight - 50



**InSide Caliper
(PTO-T17-2)**

- Material - MS
- Standard - Export Quality
- Part Weight - 40



TOOLS AND HAND TOOLS

Modular Tools.

**Vernior Caliper
(PTO-T18-1)**

- Material - Scentless Steel
- Standard - Export Quality
- Part Weight - 310 gm



**Vernier caliper (Digital Display)
(PTO-T18-2)**

- Material - Scentless Steel
- Standard - Export Quality
- Part Weight - 310 gm



**Micrometer
(PTO-T19-1)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 381gm



**Goniometer
(PTO-T19-2)**

- Material - Steel
- Standard - Export Quality
- Part Weight - 100gm



**Pipe Cutter
(PTO-T21)**

- Material - Steel Alloys
- Standard - Export Quality
- Part Weight - 350gm



**Combination Plier
(PTO-T22-1)**

- Material - Steel Alloys
- Standard - Export Quality
- Part Weight - 210gm



**Grip Plier
(PTO-T22-2)**

- Material - Steel Alloys
- Standard - Export Quality
- Part Weight - 350gm



**Flat Nose Plier
(PTO-T22-3)**

- Material - Steel Alloys
- Standard - Export Quality
- Part Weight - 110gm



**Carpenter's Plier
(PTO-T22-4)**

- Material - Steel Alloys
- Standard - Export Quality
- Part Weight - 150gm



TOOLS AND HAND TOOLS

Modular Tools.

**AL / ML Caliper
(PTO-T23)**

- Material - Teak Wood
- Standard - Export Quality
- Part Weight - NA



HAND TOOLS

**Hand Drilling Machine
(PTO-HT01)**

- Material -
- Standard - Export Quality
- Hand Drilling Machine (6.5mm) (Bosch Or Equivalent)
- Part Weight - NA



**Hand Drilling Machine
(PTO-HT01-1)**

- Material -
- Standard - Export Quality
- Hand Drilling Machine (10 mm) (Bosch Or Equivalent)
- Part Weight - NA



**Hand Drilling Machine
(PTO-HT01-2)**

- Material -
- Standard - Export Quality
- Hand Drilling Machine (13 mm) (Bosch Or Equivalent)
- Part Weight - NA



**Jig Saw Machine
(PTO-HT02)**

- Material -
- Standard - Export Quality
- Jig-Saw Machine- 10 mm cutting depth (Bosch or Equivalent)
- Part Weight - NA



**Jig Saw Machine
(PTO-HT02-1)**

- Material -
- Standard - Export Quality
- Jig-Saw Machine- 15 mm cutting depth (Bosch or Equivalent)
- Part Weight - NA



**Jig Saw Machine
(PTO-HT02-2)**

- Material -
- Standard - Export Quality
- Jig-Saw Machine- 20 mm cutting depth (Bosch or Equivalent)
- Part Weight - NA



TOOLS AND HAND TOOLS

Modular Tools.

Hot Air Gun (PTO-HT03)

- Material -
- Standard - Export Quality
- Hot Air Gun (Bosch or Equivalent)

• Part Weight - NA



Oscillator Plaster (PTO-HT04)

- Material -
- Standard - Export Quality
- Oscillator Plaster/ Socket Cutter

• Part Weight - NA



Hand Sealing Iron (PTO-HT05)

- Material -
- Standard - Export Quality

• Part Weight - NA



Machineries..

**Electric Oven (Mini)
(PTO-MC01-1)**



Electric Oven (Mini) for Prosthetics & Orthotics (Heavy Duty with Warranty)

Features:

- Single/ Three Phase
- Outside Area (WxDxH) L" X W" X H" 36"X30" 36 (Controller on Top)
- Inside Area (WxDxH) 30" X 24" X 21"
- Double Door With Toggle/Spring loaded locking System

- SS pan type trolley inside the oven
- Interior body made of Mild steel.
- Microprocessor PID switch and LED display
- Provide Temperature controller Digital Temperature display
- Temperature Up to 300 degree
- Air Circulating Fan, optional

***Digital Technical Specification- On Request.**

**Electric Oven (Medium)
(PTO-MC01-2)**



Electric Oven (Medium) for Prosthetics & Orthotics (Heavy Duty with Warranty)

Features:

- Single/ Three Phase
- Outside 41" X 46"
- Inside Area (WxDxH) 36" X 24" X 24"
- Double Door With locking & view toughened glass
- SS pan type trolley inside the oven
 - Interior body made of Stainless steel.

- Microprocessor PID switch and LED display
- Provide Temperature controller Digital Temperature display
- Temperature Up to 300 degree
- Air Circulating Fan, Optional Area (WxDxH) 51" X

***Digital Technical Specification- On Request.**

**Electric Oven (Jumbo)
(PTO-MC01-3)**



Electric Oven (Jumbo) for Prosthetics & Orthotics (Heavy Duty with Warranty)

Features:

- Single/ Three Phase
- Outside Area (WxDxH) 54" X 46" X 51"
- Inside Area (WxDxH) 39" X 31" X 31"
- Double Door With locking & view toughened glass
- Body duly powder coated
 - SS pan type trolley inside the oven

- Interior body made of Stainless steel.
- Microprocessor PID switch and LED display
- Provide Temperature controller Digital Temperature display
- Temperature Up to 300 degree
- Air Circulating Fan, Integrated

***Digital Technical Specification- On Request.**

Infra Red Oven (PTO-MC01-4)



Infrared Oven for Prosthetics & Orthotics

- For quick heating of large plastic materials and for production of Pre-preg orthoses
- Suitable for deep-drawing technology with deep-drawing frame
- Features
- Inner & Outer body Stainless Steel
- Movable Job Trolley
- Total fabrication in stainless steel.
- Infrared quartz-tube heating system.
- Temperature sensor gauge/meter.
- Thyristor + PID fitted control panel.
- Toughened glass viewing window.
- Exhaust system with air circulating blower.
- Up-lifting door with tilting moveable trolley
- Power cord with cee- plug, 5-pole, 16a.
- Inside dimension: - l x w x h - 1050 x 900 x 560 mm. (Can be Customized)
- Temperature: - ambient to 6000oc (working up to 3000) operating with controller.
- Power configuration :- 415v/ 3 phase, 12 to 18 kw - 3 phase 240 volts
- Weight (approx):- 390 kg

2) IR Enclosure

An insulated enclosure from sides is fabricated and IR modular units fit inside the enclosure. small fans provided from the top and non-contact sensor is placed at top of the oven for temperature measurement. Dead weight mechanism concept is provided for easy up and down movement of the door at front.

A small window is provided at front side for visual inspection.

A trolley is provided for material movement and placement of component inside IR oven...

The heating is done by quartz infra red lamp with modular housing and reflector on the backside.

***Digital Technical Specification- On Request.**

Machineries..

**Router Machine (Economic Quality)
(without tools)
(PTO-MC02-1)**



Router Machine - Economic Quality

Features:

- Industrial Casting Base
- **Shaft adjustment range:**
 - a. Motor shaft:- 00 to 90
 - b. Vertical shaft: 700mm to 1200mm
 - c. Z-axis :- 3600
- Control panel with digital display
 - Single Speed Motor 2850 RMP

- Tempered and hardened, En 535 grade hard-chrome plated, Mirror Finish steel Shaft
- Color:- RAL 5005 Royal Blue and RAL 7035 Siemens Gray

***Digital Technical Specification- On Request.**

**Router Machine (Export Quality)
(without tools)
(PTO-MC02-2)**



Router Machine - Export Quality

Features:

- 3 phase Multi Speed - Export Quality without tools
- VFD flow multi- Speed router motor
- a. Motor Shaft: 00 to 900
- b. Vertical Shaft: 700mm to 1200mm
- c. Z axis: 360
- Control panel with digital display
- Seamless pipe- industrial pillar manufacturing
 - Casted heavy-duty base results minimum noise

- Mounted Tool holder
- Emergency Pedestal braking Mechanism
- Focus light on job
- Tempered and hardened, En 535 grade hard-chrome plated, Mirror Finish steel Shaft
- Color:- RAL 5005 Royal Blue and RAL 7035 Siemens Gray

***Digital Technical Specification- On Request.**

Machineries..

**Mini Router
(PTO-MC02-2/1)**



***Digital Technical Specification- On Request.**

**Open Type Dust Collector (Economic)
(PTO-MC02-3)**

Dust Collector Economic Open Type

- Powder coated mild steel body.
- Manually Detachable dust cleaning bag.
- Dust collection capacity is 100 to 120 liters.
- Motor Rating - 2HP.
- Machine dimension:- L x W x H - 1000 x 575 x 1875mm.
- Motor rating:- ½ HP.
- Filtration capacity:- 1m2.
- Airflow in CMH:- 1200 to 1850.
- Static pressure:- 150mm of H2O.
- Suction fuel pipe – Diameter 100 mm x Length 3000 mm.
- Power – 415V/1.5kw/Triple Phase
- Extract health and safety tested residual dust content H2 (< 0.2 mg/m3)
- Color –RAL 5005 Royal blue + RAL 7035 Siemens grey



***Digital Technical Specification- On Request.**

**Dust Collector (Mobile Extractor) Export Quality (Closed Type)
(PTO-MC02-4)**

Salient Features:

- Powder coated mild steel body.
- Dust collection capacity is 100 to 135 liters.
- Motor rating - 2hp.
- Machine dimension:- l x w x h - 1175 x 625 x 1600mm.
- Filtration capacity:- 1m2.
- Airflow in cmh:- 1850 to 2200
- Suction fuel pipe – diameter 100 mm x length 3000 mm.
- Volume flow -770m3 /h
- Static pressure:- 150mm of h2o or more
- Power – 415v/1.5kw/triple phase (motor used is branded such as crompton greaves, havells india ltd, kirloskar electric co ltd. Abb india ltd. Of similar
- Chip collection volume max 135 liters
- Extract health and safety tested residual dust content h2 (< 0.2 mg/m3)
- Color –ral 5005 royal blue + ral 7035 siemens grey



***Digital Technical Specification- On Request.**

Machineries..

**Set of Tools for Router Machine
(PTO-MC02-5)**



Router Machine set of Tools

- Rasp Graining Head (Dia 36 mm)
- Rasp Graining Head (Dia 50 mm)
- Rasp Conical Graining Head (Dia 28 mm)

- Sanding Drum (D72.5 X L200 mm)
 - Sanding Sleeves (Grit 40)
 - Sanding Sleeves (Grit 60)
 - Sanding Sleeves (Grit 80)
- *Digital Technical Specification- On Request.**

**Router Machine (Economic Quality)
With Open Type Dust Collector
(PTO-MC02-6)**



***Digital Technical Specification- On Request.**

Router Machine - Economic Quality

Features:

- Industrial Casting Base
- **Shaft adjustment range:**
 - a. Motor shaft:- 00 to 90
 - b. Vertical shaft: 700mm to 1200mm
 - c. Z -axis :- 3600
- Control panel with digital display
- Single Speed Motor 2850 RPM
 - Tempered and hardened, En 535 grade hard-chrome

- plated, Mirror Finish steel Shaft
- Dust Collector Economic Open Type**
- Powder coated mild steel body.
 - Manually Detachable dust cleaning bag.
 - Dust collection capacity is 100 to 120 liters.

**Router Machine (Export Quality)
With Open Type Dust Collector (Economic)
(PTO-MC02-7)**



***Digital Technical Specification- On Request.**

Router Machine - Export Quality

Features:

- 3 phase Multi Speed - Export Quality without tools
- VFD flow multi- Speed router motor
 - a. Motor Shaft: 00 to 900
 - b. Vertical Shaft: 700mm to 1200mm
 - c. Z axis: 360
- Control panel with digital display
- Seamless pipe- industrial pillar manufacturing
 - Casted heavy-duty base results minimum noise

- Mounted Tool holder
 - Emergency Pedestal braking Mechanism
 - Focus light on job
 - Tempered and hardened, En 535 grade hard-chrome plated, Mirror Finish steel Shaft
- Dust Collector Economic Open Type**
- Powder coated mild steel body.
 - Manually Detachable dust cleaning bag.
 - Dust collection capacity is 100 to 120 liters.

Machineries..

**Router Machine (Export Quality)
With Close Type Dust Collector (Export Quality)
(PTO-MC02-8)**



***Digital Technical Specification- On Request.**

Router Machine - Export Quality

Features:

- 3 phase Multi Speed - Export Quality without tools
- VFD flow multi- Speed router motor
 - a. Motor Shaft: 00 to 900
 - b. Vertical Shaft: 700mm to 1200mm
 - c. Z axis: 360
- Control panel with digital display
- Seamless pipe- industrial pillar manufacturing
 - Casted heavy-duty base results minimum noise

- Mounted Tool holder
- Emergency Pedestal braking Mechanism
- Focus light on job
- Tempered and hardened, En 535 grade hard-chrome plated, Mirror Finish steel Shaft

Salient Features:

- Powder coated mild steel body.
- Dust collection capacity is 100 to 135 liters.

**Router Machine (Economic) with set of Tools-
(PTO-MC02-9)**



Router Machine - Economic Quality

Features:

- Industrial Casting Base
- **Shaft adjustment range:**
 - a. Motor shaft:- 00 to 90
 - b. Vertical shaft: 700mm to 1200mm.
 - c. Z -axis :- 3600
- Single Speed Motor 2850 RMP
- Tempered and hardened, En 535 grade hard-chrome plated, Mirror Finish steel Shaft
- Color:- RAL 5005 Royal Blue and RAL 7035 Siemens Gray

- **Router Machine set of Tools**
- Rasp Graining Head (Dia 36 mm)
- Rasp Graining Head (Dia 50 mm)
- Rasp Conical Graining Head (Dia 28 mm)
- Sanding Drum (D72.5 X L200 mm)
- Sanding Sleeves (Grit 40)
- Sanding Sleeves (Grit 60)
- Sanding Sleeves (Grit 80)

***Digital Technical Specification- On Request.**

Machineries..

Router Machine with set of Tools- Export Quality (PTO-MC02-10)



Router Machine - Export Quality

Features:

- 3 phase Multi Speed - Export Quality without tools
- VFD flow multi- Speed router motor
- Self adjustment range
 - a. Motor Shaft: 00 to 900
 - b. Vertical Shaft: 700mm to 1200mm
 - c. Z axis: 3600
- Seamless pipe- industrial pillar adjustment manufacturing
- Casted heavy-duty base results minimum noise

Router Machine set of Tools

- Rasp Graining Head (Dia 36 mm)
- Rasp Graining Head (Dia 50 mm)
- Rasp Conical Graining Head (Dia 28 mm)
- Sanding Drum (D72.5 X L200 mm)
- Sanding Sleeves (Grit 40)
- Sanding Sleeves (Grit 60)
- Sanding Sleeves (Grit 80)

***Digital Technical Specification- On Request.**

Vacuum Machine for Lamination (IMPORTED) (PTO-MC03)

Vacuum Machine for Lamination (IMPORTED)

- number of glass jars : 2
- noise (decibel) : less than 60 db (a)
- power supply : ac 220v, +-22v, 05+-1hz
- max negative pressure : greater than 0.09 mpa
- input power : less than 180 va
- flow rate : greater than 180 va
- jars capacity : 2500ml/pc, 2 pieces

***Digital Technical Specification- On Request.**



Vacuum Machine for Lamination (IMPORTED) and Lamination Mandrill (AK+BK) 1 each (PTO-MC03-2)

Vacuum Machine for Lamination (IMPORTED)

- number of glass jars : 2
- noise (decibel) : less than 60 db (a)
- power supply : ac 220v, +-22v, 05+-1hz
- max negative pressure : greater than 0.09 mpa
- input power : less than 180 va

- flow rate : greater than 180 va
- jars capacity : 2500ml/pc, 2 pieces
- **Lamination Mandrill (AK+BK) 1 each**
- Mild Steel body with nickel chrome plating
- Square piece for enhanced vice grip
- Round plate for batter mold resting
- to way holes for inner and outer bag suction

***Digital Technical Specification- On Request.**



Machineries..

**Prosthetic Bubble Draping Set
(PTO-MC04-1)**



For bubble draping set

- Duly power coated heavy duty ms table
- 19 mm plywood with pasted Formica
- Mini convenient hinged doors for motor
- Direct drive rotary high vacuum pump
- Double stage model pto- d2-250,
- Power fitted with 3/4 hp, 1440 rpm, single phase electric

motor

- Liquid cum moisture trapping unit comprising of...
 - Glass bottles of 1000 ml capacity each
 - Vacuum gauge and operating regulators
 - Hydraulic/ pneumatic connection flexible cables
 - Fitted with table tops (ak+ bk)
 - One set of sandwich frames (ak bk) are absolutely free.
- *Digital Technical Specification- On Request.**

**Orthotic Draping Set
(PTO-MC04-2)**



- Orthotic Draping Set

***Digital Technical Specification- On Request.**

**Orthotic Draping Set
(PTO-MC05-1)**



Orthotic Draping Set

- Consisting of Vacuum pump, Working Table, mounted with two terminals of AFO/ Thigh molding Aluminum cone- (COMPLETELY ASSEMBLED)
- Vacuum pump with Trolley, for heavy duty orthotics Application

***Digital Technical Specification- On Request.**

Machineries..

**Water Bath (Inner spec:62x40x10cm)(Outer spec 69x47x20 cm)
(PTO-MC06)**

- This product is used import stainless steel board , cold-rolled stencil plate high-quality material and electroplate into polishing , bake craft of painting etc. elaborate.
- Control the temperature and select to control the temperature electronically partly, temperature counts and reveals the actual temperature in the pan apparently directly.
- Resist the strong , structural compactness of corrosivity , economical and practical , maintains and convenient , characteristic of having long performance life etc. handsome in appearance.



**Air Compressor
(PTO-MC07)**

An air compressor

- A machine that takes ambient air from the surroundings and discharges it at a higher pressure.



**Table Drilling Machine (12.5 mm)
(PTO-MC08-1)**

- Type of Product : Bench Drill
- No Load Speed : 580-2650 RPM
- Chuck Capacity : 12.5 mm
- Voltage : 230 V
- Power Input : 350 W
- Color Available: Green, Blue, Red

***Digital Technical Specification- On Request.**



**Table Drilling Machine (19.5 mm)
(PTO-MC08-2)**

- Type of Product : Bench Drill
- No Load Speed : 580-2650 RPM
- Chuck Capacity : 12.5 mm
- Voltage : 230 V
- Power Input : 350 W
- Color Available: Green, Grey, Red

***Digital Technical Specification- On Request.**



**Table Drilling Machine (25 mm)
(PTO-MC08-3)**

- Type of Product : Bench Drill
- No Load Speed : 580-2650 RPM
- Chuck Capacity : 12.5 mm
- Voltage : 230 V
- Power Input : 350 W
- Color Available: Green, Grey, Red

***Digital Technical Specification- On Request.**



Equipments..

**Parallel Bars for P&O Gait Training
(PTO-MC14)**

* Customized (As per Customer Requirement)

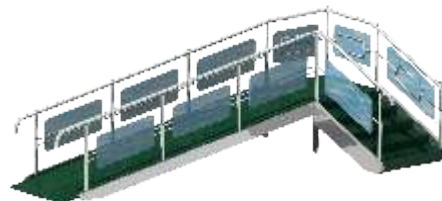
***Digital Technical Specification- On Request.**



**Stair Case and Ramp for P&O Gait Trails
(PTO-MC15)**

* Customized (As per Customer Requirement)

***Digital Technical Specification- On Request.**



**Mirror Trolley
(PTO-MC16)**

* Customized (As per Customer Requirement)

***Digital Technical Specification- On Request.**



**Metal Sheer Cutter
(PTO-MC17)**

Description

- Leveraging over the skills of our qualified team of professionals, we are instrumental in offering wide range of Carbide Forming Tool.

***Digital Technical Specification- On Request.**



**Forming Tool
(PTO-MC18)**

Description

- Leveraging over the skills of our qualified team of professionals, we are instrumental in offering wide range of Carbide Forming Tool.

***Digital Technical Specification- On Request.**



**X-Ray Cabinet
(PTO-MC19)**

Features:

- Powder-coated sheet steel casing, pure white RAL 9010
- LED technology, max. luminance approx. 2500 cd/sqm
- Infinite brightness control adjustment, range approx. 95%
- 2 m power cord with grounded plug

Technical data:

- Power requirements: 230 V / 50 Hz / 1 Ph

***Digital Technical Specification- On Request.**



**Work Bench with Peg Board
(PTO-ME01-1)**

Technical Specification:

Length: 1500mm

Width: 700mm

Table Height: 850mm

Table With Peg Board Height: 1550mm

Weight: Approx 65kg

Features:

- 1) Dual coloured appearance..
 - Royal Blue
 - Siemens Gray
- 2) Specious 4 nos. of Drawers with Lock and Key enables a wide range of storage.
- 3) Provision to fix Work Bench-Wise
- 4) Step structure of Top, enables the user to have extra space for legs and foot, while using it.
- 5) A thick plywood top, encased with Teak wood trim, offers both strength and an elegant appearance to the ambience.

***Digital Technical Specification- On Request.**



**Laser Aligner with Tripod Stand
(PTO-ME02)**

Description

The Bosch 3-line cross line laser level is a must-have for precise alignment and leveling. With easy on/off switch, precise line visibility, and durable design, it ensures maximum efficiency.

***Digital Technical Specification- On Request.**



**Lamination Mandrill(AK+BK) 1 each
(PTO-ME03-1)**

Lamination Mandrill (AK+BK) 1 each

- Mild Steel body with nickel chrome plating
 - Square piece for enhanced vice grip
 - Round plate for batter mold resting
 - to way holes for inner and outer bag suction
- *Digital Technical Specification- On Request.**



**AK Table Top assembly for Bubble Draping
(PTO-ME04-2)**

- Ms Structure covered with molded rubber
 - Outer ring leak proof
 - wider base of support
 - Central hole for section
- *Digital Technical Specification- On Request.**



**BK Table Top assembly for Bubble Draping
(PTO-ME04-3)**

- Ms Structure covered with molded rubber
 - Outer ring leak proof
 - wider base of support
 - Central hole for section
- *Digital Technical Specification- On Request.**



MACHINERIES & EQUIPMENTS

Equipments..

**AK + BK Table Top assembly for Bubble Draping
(PTO-ME04-4)**

- AK+BK Table Top Assembly for Bubble Draping
- Ms Structure covered with molded rubber
- Outer ring leak proof
- Wider base of support
- Central hole for section



**BK Sandwich Frame
(PTO-ME04-5)**

- BK Sandwich frame with integrated Handle (Hard Aluminum Anodized)



**AK Sandwich Frame
(PTO-ME04-6)**

- AK Sandwich frame with integrated Handle (Hard Aluminum Anodized)



**BK+AK Sandwich Frame with integrated Handle
(PTO-ME04-7)**

- BK+AK Sandwich frame with integrated Handle (Hard Aluminum Anodized)
- Light Weight yet strong hand aluminum
- Duly Anodized for enhanced aesthetics
- Supply with bolts for plastic sheet gripping



**Frame Stand in Oven for Sandwich Frame
(PTO-ME04-8)**

- * Customized (As per Customer Requirement)

***Digital Technical Specification- On Request.**



**AFO/ Thigh Moulding Aluminium Cone
(PTO-ME05)**

- * Customized (As per Customer Requirement)

***Digital Technical Specification- On Request.**



**Examination Table / Couch
(PTO-ME06)**

- * Customized (As per Customer Requirement)

***Digital Technical Specification- On Request.**



**Examination/ Casting Chair
(PTO-ME07)**

- * Customized (As per Customer Requirement)

***Digital Technical Specification- On Request.**



Equipments..

**Casting Apparatus
(PTO-ME08-1)**

Casting Apparatus with Baseplate
For plaster casting under body load incl. base plate 145M21 and one casting ring set 145M22/S
Mobile use with transport castors and -handle
Space saving due to built-in folding mechanism
Quick-adjustment lever provides even easier height settings of the casting apparatus in seconds
High quality, sturdy choice of material
Exact adjustment options by means of crank handle

***Digital Technical Specification- On Request.**



**Alignment Apparatus
(PTO-ME08-2)**

Description

Vertical alignment jig for prosthetic sockets
The VAL-1000 is a completely steel vertical alignment fixture for plastic and laminated prosthetic sockets.
The VAL-1000 has three locking arms that slide along the same vertical track. The top arm slides in and out with a pipe collar locked in 90 degrees. The middle arm of the VAL-1000 moves independently in all directions. Separate handles control in/out, up/down, flexion/extension, and addition/abduction. The bottom arm holds very heavy casts without any flexing that can affect your alignment, and is adjustable left to right with a locking bottom tray. The VAL-1000 mounts to any table or bench.

***Digital Technical Specification- On Request.**



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