

# 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 Customers 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 of Compliance

This is to certify that  
**PROACTIVE TECHNICAL ORTHOPAEDICS**  
14, PARMAR COMPLEX, NEXT TO NIGDI JAKAT NAKA, PIMPRI  
CHINCHWAD MUNICIPAL CORPN, PUNE, MAHARASHTRA, 411044, INDIA.  
Has been assessed and certified by MQA Certification Services  
As meeting the requirements of:  
**ISO 10328:2016**  
(Prosthetics — Structural testing of lower-limb prostheses — Requirements and test methods)  
For the Following Scope of Activities:  
MANUFACTURER, IMPORTER, EXPORTER, DISTRIBUTOR, TRADER AND CLINICAL SERVICE PROVIDER IN THE FIELD OF PROSTHETICS, ORTHOTICS AND REHABILITATION.  
PROSTHETIC COMPONENTS: METALLIC PARTS, CARBON COMPOSITE FEET (PHOENIX SERIES), PU FEET (SPANDAN, SAM FOOT), KNEE JOINTS (COSMOS, GALAXY, INFINITY), SILICON AND GEL LINERS (PERSEVERANCE, ELIXIR, MIRACLE, COGNIZANT COZY, CURVV), LAMINATION RESIN (ACRY-CRYL), SHUTTLE LOCKS (CAMPUS, VICTOR-PRO, HIBISCUS, TIGER), ORTHOTIC COMPONENTS & CUSTOM DEVICES, ARTIFICIAL LIMBS & ASSISTIVE DEVICES, CLINICAL & PATIENT SOLUTIONS: SILICONE PROSTHESES, ORTHOPEDIC BRACES & SUPPORTS, MOBILITY AIDS, REHABILITATION APPLIANCES, AND NON-INVASIVE MEDICAL DEVICES.

**:: Certificate No :: PS/25M04237**

**Date of initial registration:** 20 August 2025  
**First Surveillance Audit on or before:** 19 August 2026  
**Second Surveillance Audit on or before:** 19 August 2027  
**Re-certification Due:** 19 August 2028

This Certificate is property of MQA and remains valid  
Subject to satisfactory surveillance audits.



**Authorized Signatory**  
**MQA CERTIFICATION SERVICES**  
130 Thessaly Rd, Nine Elms, London  
SW8 5EJ, United Kingdom

**UKAF-CB-011** **ISO 10328:2016**

**To check validity of the certificate please visit at [www.mqacertification.com](http://www.mqacertification.com)**

This certification of registration is issued by MQA Certification Services accredited with UKAF CERT LIMITED Accreditation Board for Certification Bodies ([www.ukafcert.org.uk](http://www.ukafcert.org.uk)). This certificate remains the property of MQA Certification Services having and must be returned upon request.



## Certificate of Registration

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**PROACTIVE TECHNICAL ORTHOPAEDICS**  
14, PARMAR COMPLEX, NEXT TO NIGDI JAKAT NAKA, PIMPRI CHINCHWAD  
MUNICIPAL CORPN, PUNE, MAHARASHTRA, 411044, INDIA.  
has been independently assessed by QRO  
and is compliant with the requirement of:  
**ISO 13485:2016**  
**Quality Management System for Medical Devices**  
For the following scope of activities:  
MANUFACTURER, IMPORTER, EXPORTER, DISTRIBUTOR, TRADER AND CLINICAL SERVICE PROVIDER IN THE FIELD OF PROSTHETICS, ORTHOTICS AND REHABILITATION. PROSTHETIC COMPONENTS: METALLIC PARTS, CARBON COMPOSITE FEET (PHOENIX SERIES), PU FEET (SPANDAN, SAM FOOT), KNEE JOINTS (COSMOS, GALAXY, INFINITY), SILICON AND GEL LINERS (PERSEVERANCE, ELIXIR, MIRACLE, COGNIZANT COZY, CURVV), LAMINATION RESIN (ACRY-CRYL), SHUTTLE LOCKS (CAMPUS, VICTOR-PRO, HIBISCUS, TIGER), ORTHOTIC COMPONENTS & CUSTOM DEVICES, REHABILITATION & ASSISTIVE DEVICES, CLINICAL & PATIENT SOLUTIONS: SILICONE PROSTHESES, ORTHOPEDIC BRACES & SUPPORTS, MOBILITY AIDS, REHABILITATION APPLIANCES, AND NON-INVASIVE MEDICAL DEVICES. WORKSHOP & TECHNICAL SOLUTIONS: EQUIPMENT, RAW MATERIALS, MACHINES (INFRARED OVENS, HOT AIR OVENS, ROUTERS), PRECISION TOOLS AND COMPLETE WORKSHOP SETUP SOLUTIONS, ADVANCED SYSTEMS: CAD-CAM SYSTEMS & CARVERS, ROBOTIC THERAPY EQUIPMENT FOR NEURO-REHABILITATION, PODIATRIC UNITS FOR DIABETIC FOOT CARE AND 3D PRINTING SOLUTIONS IN THE P&O FIELD. MEDICAL & HOSPITAL EQUIPMENT: HOSPITAL BEDS AND MEDICAL FURNITURE WITH MECHANICAL FITTINGS.

**Date of Certification:** 20th August 2025  
**1<sup>st</sup> Surveillance Audit Due:** 19th August 2026  
**2<sup>nd</sup> Surveillance Audit Due:** 19th August 2027  
**Certificate Expiry:** 19th August 2028

**Certificate Number** 05025082069MD



**Head of Certification**

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit. (In case surveillance audit is not allowed to be conducted: this certificate shall be suspended / withdrawn).  
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Website : [www.qrocert.org](http://www.qrocert.org), E-mail : [info@qrocert.org](mailto:info@qrocert.org)

**PROSTHETIC COMPONENTS****Modular Socket Adapters****Below Knee Four Prong Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-01ECO	C. Steel	86 g	Economic	80 kg
PTO-01EXQ	S. Steel	107 g	Export Quality	100 kg
PTO-01TEC	Ti	67 g	Elite Class	125 kg

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



PTO-01ECO



PTO-01EXQ



PTO-01TEC

**Flat type- Pyramidal Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-02ECO	C. Steel	73 g	Economic	80 kg
PTO-02EXQ	S. Steel	83 g	Export Quality	100 kg
PTO-02TEC	Ti	55 g	Elite Class	120 kg
PTO-02-1ECO	C. Steel & Al	153 g	Economic	80 kg
PTO-02-1EXQ	S. Steel & Al	144 g	Export Quality	100 kg
PTO-02-1TEC	Ti & Al	120 g	Elite Class	120 kg



PTO-02ECO



PTO-02EXQ



PTO-02TEC



PTO-02-1ECO



PTO-02-1EXQ



PTO-02-1TEC

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

**Flat type- Pyramidal Receiver Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-03EXQ	S. Steel	82 g	Export Quality	100 kg
PTO-03-1EXQ	S. Steel & Al	152 g	Export Quality	100 kg

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



PTO-03EXQ



PTO-03-1ECO



**PROSTHETIC COMPONENTS****Modular Socket Adapters****Flat type- Threaded Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-04EXQ	S. Steel	56 g	Export Quality	100 kg
PTO-04-1EXQ	S. Steel	125 g	Export Quality	100 kg
PTO-04-2EXQ	S. Steel	106 g	Export Quality	100 kg
PTO-04-3EXQ	S. Steel & Al	195 g	Export Quality	100 kg
PTO-04-4EXQ	S. Steel & Al	178 g	Export Quality	100 kg

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



PTO-04EXQ



PTO-04-1EXQ



PTO-04-2EXQ



PTO-04-3EXQ

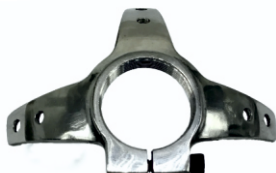


PTO-04-4EXQ

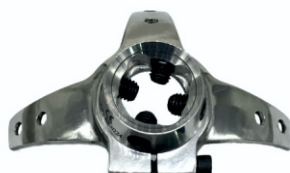
**Above Knee Three Prong Socket Adapter- Threaded**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-05EXQ	C. Steel	116 g	Export Quality	100 kg
PTO-05-1EXQ	CS & S. Steel	184 g	Export Quality	100 kg
PTO-05-2EXQ	CS & S. Steel	165 g	Export Quality	100 kg

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



PTO-05EXQ



PTO-05-1EXQ



PTO-05-2EXQ

**PROSTHETIC COMPONENTS****Modular Socket Adapters****Above Knee Four Lamination Socket Adapter- Threaded**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-06EXQ	C . Steel	137 g	Export Quality	100 kg
PTO-06-1EXQ	CS & S. Steel	203 g	Export Quality	100 kg
PTO-06-2EXQ	CS & S. Steel	186 g	Export Quality	100 kg

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



PTO-06EXQ



PTO-06-1EXQ



PTO-06-2EXQ

**Plastic Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-07EXQ	Nylon	98 g	Export Quality	100 kg
PTO-07-1ECO	Nylon & C.Steel	170 g	Economic	80 kg
PTO-07-1EXQ	Nylon & S.Steel	179 g	Export Quality	100 kg
PTO-07-2EXQ	Nylon & S.Steel	179 g	Export Quality	100 kg
PTO-07-3EXQ	Nylon & S.Steel	221 g	Export Quality	100 kg
PTO-07-4EXQ	Nylon & S.Steel	203 g	Export Quality	100 kg



PTO-07EXQ

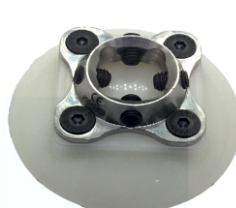
- Plastic Socket Adapter for Thermoplastic Socket with modular system.
- Plastic Socket Adapter for Thermoplastic Socket with modular system. Socket Adapter (Fix Pyramidal- Flat type) with four holes. PTO-02ECO / PTO-02EXQ
- Plastic Socket Adapter for Thermoplastic Socket with modular system. Socket Adapter (Pyramidal Receiver- Flat type) with four holes. PTO-03EXQ
- 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 for Thermoplastic Socket with modular system. Socket Adapter ( Flat Plate type- Threaded Socket Adapter with Rotatable Pyramid) with four holes. PTO-04-2EXQ



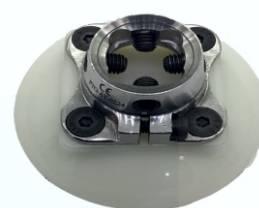
PTO-07-1ECO



PTO-07-1EXQ



PTO-07-2EXQ



PTO-07-3EXQ



PTO-07-4EXQ

**PROSTHETIC COMPONENTS****Modular Socket Adapters****Pyramidal Darping Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-08EXQ	C. Steel	170 g	Export Quality	100 kg

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



PTO-08EXQ

**Pyramidal Darping Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-09EXQ	S. Steel	164 g	Export Quality	100 kg

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



PTO-09EXQ



**PROSTHETIC COMPONENTS****Modular Tube Adapters****Tube Clamp Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-11ECO	C. Steel	100 g	Economic	100 kg
PTO-11EXQ	S. Steel	100 g	Export Quality	100 kg
PTO-11TEC	Ti	60 g	Elite Class	125 kg

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



PTO-11ECO



PTO-11EXQ



PTO-11TEC

**Pyramidal Tube Clamp Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-12EXQ	S. Steel	90 g	Export Quality	100 kg

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



PTO-12EXQ

**Angular Tube Clamp Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-13EXQ	S. Steel	70 g	Export Quality	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.



PTO-13EXQ

**Adapter To Replace the tube**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-14/45EXQ	S. Steel	80 g	Export Quality	100 kg
PTO-14/60EXQ	S. Steel	95 g	Export Quality	100 kg
PTO-14/75EXQ	S. Steel	110 g	Export Quality	100 kg
PTO-14/90EXQ	S. Steel	125 g	Export Quality	100 kg

- Adapter to replace the tube- length 45/60/75/90mm (dia-30mm)  
Above replace the tube and below pyramidal Receiver  
With 4 adjustment set screws M8x12, Zinc- plated.  
For connection between two adjustment cores.



45mm



60mm



75mm



90mm

**PROSTHETIC COMPONENTS****Double Mouth Adapter****Modular Tube Adapters**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-15/30EXQ	S. Steel	97 g	Export Quality	100 kg
PTO-15/45EXQ	S. Steel	113 g	Export Quality	100 kg
PTO-15/60EXQ	S. Steel	137 g	Export Quality	100 kg
PTO-15/75EXQ	S. Steel	141 g	Export Quality	100 kg

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-15/30TEC	Ti	55 g	Elite Class	120 kg
PTO-15/45TEC	Ti	65 g	Elite Class	120 kg
PTO-15/60TEC	Ti	100 g	Elite Class	120 kg
PTO-15/75TEC	Ti	110 g	Elite Class	120 kg

- Double mouth Adapter- length 30/45/60/75mm (dia- 30mm) (both side pyramid receiver).  
With 8 adjustment set screws M8x12, zinc- plated.  
For connection between two adjustment cores.

**Double Sided Mouth Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-16/30EXQ	S. Steel	90 g	Export Quality	100 kg
PTO-16/45EXQ	S. Steel	103 g	Export Quality	100 kg
PTO-16/60EXQ	S. Steel	119 g	Export Quality	100 kg
PTO-16/75EXQ	S. Steel	156 g	Export Quality	100 kg

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-16/30TEC	Ti	55 g	Elite Class	100 kg
PTO-16/45TEC	Ti	65 g	Elite Class	100 kg
PTO-16/60TEC	Ti	100 g	Elite Class	100 kg
PTO-16/75TEC	Ti	110 g	Elite Class	100 kg

- Double sided mouth Adapter- length 30/45/60/75mm (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**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-17EXQ	S. Steel	103 g	Export Quality	80 kg
PTO-17ALEXQ	Al	92 g	Export Quality	125 kg
PTO-17TEC	Ti	78 g	Elite Class	125 kg

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



PTO-17EXQ

**PROSTHETIC COMPONENTS****Modular Pylons, Tube, Misc.****Below Knee Pylon**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-21ECO	Al	185 g	Economic	100 kg
PTO-21EXQ	Al & S.S	120 g	Export Quality	100 kg
PTO-21EXTE	Ti & Al	105 g	Elite Class	125 kg
PTO-21TEC	Ti & Carbon	115 g	Elite Class	150 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.
- 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.



PTO-21ECO



PTO-21EXQ



PTO-21EXTE



PTO-21TEC

**Above Knee Pylon**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-22ECO	Al	185 g	Economic	100 kg
PTO-22EXQ	Al & S. Steel	120 g	Export Quality	100 kg
PTO-22EXTE	Ti & Al	105 g	Elite Class	125 kg
PTO-22TEC	Ti & Carbon	115 g	Elite Class	150 kg

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



PTO-22ECO



PTO-22EXQ



PTO-22EXTE



PTO-22TEC

**Carbon Tube 400mm**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-23TEC	Carbon	132 g	Elite Class	120 kg

- Long Carbon Tube (400mm) (Dia).



PTO-23TEC



**PROSTHETIC COMPONENTS****Modular Pylons, Tube, Misc.****Miscellaneous**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-24-1	S. Steel	68 g	Export Quality	120 kg
PTO-24-2	S. Steel	50 g	Export Quality	120 kg
PTO-24-3	S. Steel	50 g	Export Quality	120 kg
PTO-24-4	(Al) Aluminum	50 g	Export Quality	120 kg

- Rotatable Pyramidal Receiver Inner (Threaded) With 4 adjustment set screws M8x12, zinc- plated.
- Rotatable Pyramid Inner (threaded)
- Rotatable Pyramidal Receiver Inner (Threaded) With 4 adjustment set screws M8x8, zinc- plated.
- Base plate (Al) Aluminum. With 4 adjustment set screws.



PTO-24-1



PTO-24-2



PTO-24-3



PTO-24-4

**Rotation Adapter (Turn-Table)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-25	S. Steel	325 g	Export Quality	120 kg

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



**PROSTHETIC COMPONENTS****Modular Foot Adapters****Foot Adapters**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-26ECO	C. Steel	75 g	Economic	100 kg
PTO-26EXQ	S. Steel	60 g	Export Quality	120 kg
PTO-26TEC	Ti	60 g	Elite Class	150 kg

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



PTO-26ECO



PTO-26EXQ



PTO-26TEC

**Ankle Joint Small (SAM Foot)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-27-1	C. Steel	125 g	Export Quality	120 kg
PTO-27-2	C. Steel	230 g	Export Quality	120 kg
PTO-27-3	Al & C. Steel	250 g	Export Quality	120 kg
PTO-27-4	Al & C. Steel	260 g	Export Quality	120 kg

- Ankle Joint (small) (Two Pin) for SAM foot (23,24,25) with Plastic bumper
- Ankle Joint (large) (Two Pin) for SAM foot (26,27) with Plastic bumper.



PTO-27-1



PTO-27-2



PTO-27-3



PTO-27-4

**PROSTHETIC COMPONENTS****Modular Shuttle Locks****Victor-Pro Shuttle Lock With Three & Four Leg Lamination Socket Adapter**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-31-A	C. Steel & S. Steel	230 g	Export Quality	100 kg
PTO-31-B	C. Steel & S. Steel	260 g	Export Quality	100 kg
PTO-31-1	C. Steel & S. Steel	349 g	Export Quality	120 kg
PTO-31-2	C. Steel & S. Steel	370 g	Export Quality	150 kg
PTO-31-3	C. Steel & S. Steel	366 g	Export Quality	100 kg
PTO-31-4	C. Steel & S. Steel	370 g	Export Quality	100 kg

- Victor-Pro Shuttle Lock. Pyramidal end & Pyramidal Receiver .
- PTO-31-1 / PTO-31-2 Victor-Pro Shuttle Lock (with pyramidal end with Cap) (PTO- 05EXQ) Three leg / (PTO- 06EXQ) Four Leg Lamination Anchor with threaded connector .
- PTO-31-3 / PTO-31-4 Victor-Pro Shuttle Lock (with pyramidal Receiver) (PTO- 05EXQ) Three leg / (PTO- 06EXQ) Four Leg Lamination Anchor with threaded connector.
- Smooth gear mechanism.
- Smooth Push Button operation.
- Convenient side mounted release button.



PTO-31-A



PTO-31-1



PTO-31-2



PTO-31-B



PTO-31-3



PTO-31-4

**Nylon Shuttle Lock**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-32	Delrin	79 g	Export Quality	100 kg



PTO-32

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



**PROSTHETIC COMPONENTS****Modular Shuttle Locks****Campus Clutch Shuttle Lock**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-34	Delrin	198 g	Export Quality	120 kg
PTO-34-0	Delrin	154 g	Export Quality	.....
PTO-34-1	Delrin & S. Steel	280 g	Export Quality	120 kg
PTO-34-2	Delrin & S. Steel	279 g	Export Quality	120 kg
PTO-34-3	Delrin & S. Steel	312 g	Export Quality	120 kg
PTO-34-4	Delrin & S. Steel	310 g	Export Quality	120 kg



PTO-34



PTO-34-0

- Campus Clutch Shuttle Lock.
- Dummy for Campus Clutch Shuttle Lock.
- PTO-34-1 Campus Clutch Shuttle Lock with Flat type- Pyramidal Socket Adapter (PTO-02EXQ).
- PTO-34-2 Campus Clutch Shuttle Lock with Flat type- Pyramidal Receiver Socket Adapter (PTO-03EXQ).
- PTO-34-3 Campus Clutch Shuttle Lock with Socket Adapter (Threaded-Flat type) with four holes, and inner rotatable pyramidal receiver (PTO-04-1EXQ).
- PTO-34-4 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.



PTO-34-1



PTO-34-2



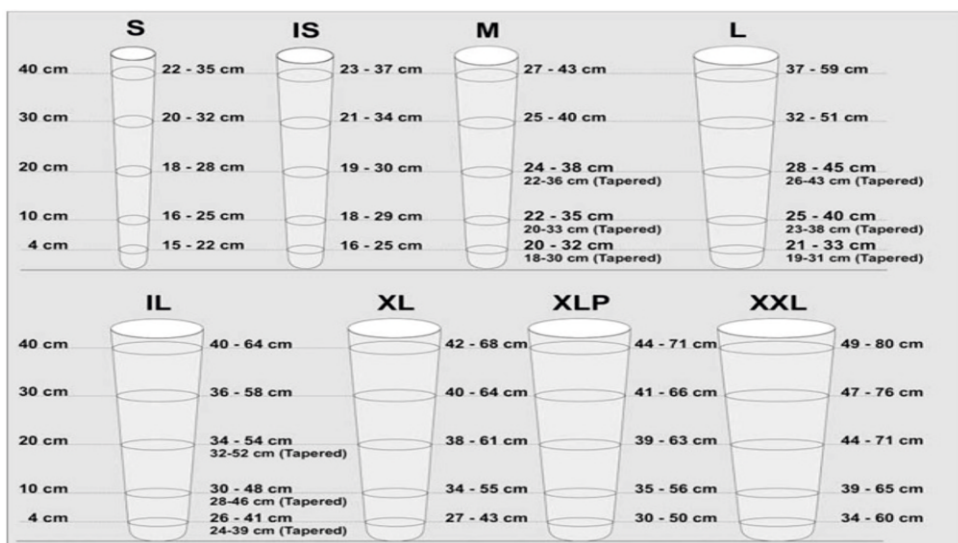
PTO-34-3



PTO-34-4

**Cognizant Cozy Gel Liners**

Part Code	Material	Color	Standard
PTO-36TPEL-3-(S,IS,M,L,IL,XL,XLP,XXL) mm. (Locking liner)	TPE	Ruby Red	Export Quality
PTO-36TPEL-6-(S,IS,M,L,IL,XL,XLP,XXL) mm. (Locking liner)	TPE	Ruby Red	Export Quality
PTO-36TPEC-3-(S,IS,M,L,IL,XL,XLP,XXL) mm. (Cushion liner)	TPE	Ruby Red	Export Quality
PTO-36TPEC-6-(S,IS,M,L,IL,XL,XLP,XXL) mm. (Cushion liner)	TPE	Ruby Red	Export Quality



	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

**Recommendation:**

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

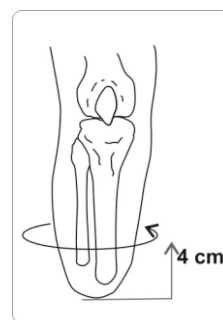
**Description:**

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.

**PROSTHETIC COMPONENTS****Perseverance Silicon Liners****Modular Silicon Liners**

Part Code	Material	Color	Standard
PTO-37SLL-3-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Locking liner)	Silicon	Grey	Export Quality
PTO-37SLL-6-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Locking liner)	Silicon	Grey	Export Quality
PTO-37SLC-3-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Cushion liner)	Silicon	Grey	Export Quality
PTO-37SLC-6-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Cushion liner)	Silicon	Grey	Export Quality

Size	20cm	21cm	22cm	23.5cm	25cm
Weight	300/450gm	390/500gm	400/580gm	485/600gm	510/710gm
Size	26.5cm	28cm	30cm	32cm	34cm
Weight	520/720gm	530/740gm	590/810gm	660/895gm	770/970gm
Size	36cm	38cm	40cm	42cm	45cm
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

**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.

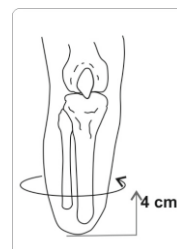
**Description:**

The 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.

**Aloe Vera Dia-Care Silicon Liners**

Part Code	Material	Color	Standard
PTO-38AVSLL-3-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Locking liner)	Silicon	Green	Export Quality
PTO-38AVSLL-6-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Locking liner)	Silicon	Green	Export Quality
PTO-38AVSLC-3-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Cushion liner)	Silicon	Green	Export Quality
PTO-38AVSLC-6-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Cushion liner)	Silicon	Green	Export Quality

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

**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.

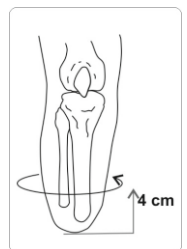
**Determination of the size:**

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****Modular Silicon Liners****Anti- Bacterial Silicon Liners**

Part Code	Material	Color	Standard
PTO-39ABSL-3-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Locking liner)	Silicon	Dark Grey	Export Quality
PTO-39ABSL-6-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Locking liner)	Silicon	Dark Grey	Export Quality
PTO-39ABSLC-3-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Cushion liner)	Silicon	Dark Grey	Export Quality
PTO-39ABSLC-6-(20,21,22,23.5,26.5,28,30,32,34,36,38,40,42,45) mm. (Cushion liner)	Silicon	Dark Grey	Export Quality

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

**Description:**

The Anti Bacterial 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. Anti Bacterial 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 KITS****Modular Below Knee Kits****Below Knee Kit- Semi Export / Export Quality & Titanium**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKECO	C. Steel	446 g	Semi Export	80 kg
PTO-BKEXQ	S. Steel	387 g	Export Quality	100 kg
PTO-BK-EXTE	Ti & Al	325 g	Elite Class	120 kg
PTO-BKTEC	Ti	302 g	Elite Class	125 kg

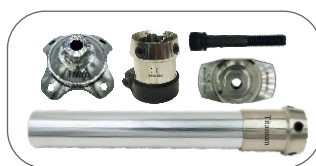
- Below Knee Semi Export Kit / Export Quality Kit / Elite Class Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-01ECO/EXQ/TEC), Adapter to clamp the tube (PTO-11ECO/EXQ/TEC), Short Pylon with integrated adapter (PTO-21ECO/EXQ/TEC/EXTE), Foot adapter (PTO-26ECO/EXQ/TEC).



PTO-BKECO



PTO-BKEXQ



PTO-BK-EXTE



PTO-BKTEC

**Below Knee Kit- ECO08 / EXQ08**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKECO08	C. Steel	480 g	Semi Export	80 kg
PTO-BKEXQ08	S. Steel	450 g	Export Quality	100 kg

- Below Knee Semi Export Kit / Export Quality 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).



PTO-BKECO08

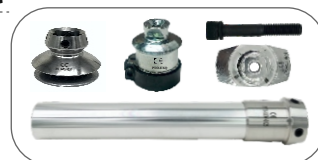


PTO-BKEXQ08

**Below Knee Export Kit- PTO-BKEXQ09**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKEXQ09	S. Steel	446 g	Export Export	100 kg

- Below Knee Economic Kit (includes)- Pyramidal Socket Adapter for Draping (PTO-09EXQ), Pyramidal tube clamp Adapter(PTO-12EXQ), Short Pylon with integrated adapter(PTO-21EXQ, Foot adapter(PTO-26EXQ),



PTO-BKEXQ09

**Below Knee Kit- ECO07-1 / EXQ07-1**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKECO07-1	C. Steel	446 g	Semi Export	80 kg
PTO-BKEXQ07-1	S. Steel	387 g	Export Quality	100 kg

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



PTO-BKECO07-1



PTO-BKEXQ07-1

**PROSTHETIC KITS****Modular Below Knee Kits****Below Knee Kit- BKEXQ04-4**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKEXQ04-4	S. Steel	458 g	Export Quality	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).

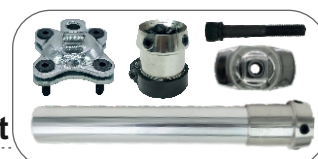


PTO-BKEXQ04-4

**Below Knee Kit- BKECO02-1 / BKEXQ02-1**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKECO02-1	C. Steel	483 g	Semi Export	100 kg
PTO-BKEXQ02-1	S. Steel	431 g	Export Quality	125 kg

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



PTO-BKECO



PTO-BKEXQ

**Below Knee Kit- BKEL-1 / BKEL-2**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BK-EL-1	S. Steel	1.250 g	Export Quality	100 kg
PTO-BK-EL-2	Ti. Steel	1.110 g	Elite Class	125 kg

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



PTO-BK-EL-1



PTO-BK-EL-2

**PROSTHETIC KITS****Modular Above Knee Kits****Above Knee Kit With J01 Joint (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO01	C. Steel & Al	1304 g	Semi Export	100 kg
PTO-AKEXQ01	C. Steel, S. Steel & Al	1289 g	Export Quality	120 kg

- Above Knee kit Semi Export / Export Quality 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 / EXQ)
- Adapter to clamp the tube (PTO-11ECO / EXQO)
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO / EXQ)
- Foot adaptor with Bolt (PTO-26ECO / EXQ)



PTO-AKEXQ01



PTO-AKECO01

**Above Knee Kit With J02 (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO02	C. Steel & Al	1189 g	Semi Export	100 kg
PTO-AKEXQ02	C. Steel, S. Steel & Al	1174 g	Export Quality	120 kg

- Above Knee Semi Export / Export Quality 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 / EXQ)
- Adapter to clamp the tube (PTO-11ECO / EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO / EXQ)
- Foot adaptor with Bolt(PTO-26ECO / EXQ)



PTO-AKEXQ02



PTO-AKECO02

**Above Knee Kit With J03 (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO03	C. Steel & Al	1249 g	Semi Export	100 kg
PTO-AKEXQ03	C. Steel, S. Steel & Al	1234 g	Export Quality	120 kg

- Above Knee Export Quality Kit / Semi Export - 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 / EXQ)
- Adapter to clamp the tube (PTO-11ECO / EXQ)
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO / EXQ)
- Foot adaptor with Bolt (PTO-26EXQ / ECO)



PTO-AKEXQ03



PTO-AKECO03

**PROSTHETIC KITS****Modular Above Knee Kits****Above Knee Kit- J05 Joint (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO05	C. Steel & Al	1.329 kg	Semi Export	90 kg
PTO-AKEXQ05	C. Steel, S. Steel & Al	1.134 kg	Export Quality	120 kg

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



PTO-AKEXQ05



PTO-AKECO05

**Above Knee Kit- J06 Joint (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-TKECO06	C. Steel & Al	1.320 kg	Semi Export	100 kg
PTO-TKEXQ06	C. Steel, S. Steel & Al	1.305 kg	Export Quality	100 kg

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



PTO-TKEXQ06



PTO-TKECO06

**Above Knee Kit- J09 Joint (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO09	C. Steel & Al	1.229 kg	Semi Export	100 kg
PTO-AKEXQ09	C. Steel, S. Steel & Al	1.214 kg	Export Quality	100 kg

- Above Knee Semi Export / Export Quality 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 / EXQ)
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO / EXQ)
- Foot adaptor with Bolt (PTO-26ECO / EXQ)



PTO-AKEXQ09



PTO-AKECO09



**PROSTHETIC KITS****Modular Above Knee Kits****Above Knee Kit- J10 Joint (ECO/EXQ)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO10	S. Steel & Al	NA kg	Semi Export	100 kg
PTO-AKEXQ10	S. Steel & Al	NA kg	Export Quality	100 kg

- Above Knee KIT Export Quality Kit / Semi Export - 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 / ECO)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ / ECO)
- Foot adaptor with Bolt (PTO-26EXQ / ECO)



PTO-AKECO10

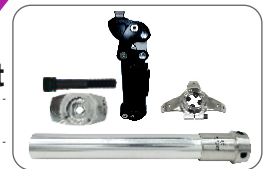


PTO-AKEXQ10

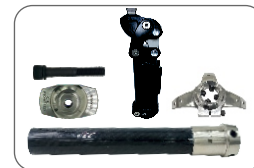
**Above Knee Kit- Polycentric Pneumatic Knee Joint (EXQ / TEC)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKEXQPN	C. Steel, S. Steel & Al	1.344 kg	Semi Export	100 kg
PTO-AKELTPN	C. Steel, Al & Ti	1.359 kg	Export Quality	100 kg

- Above Knee Semi Export / Export Quality Kit -consists of-
- PolyCentric Pneumatic Knee Joint (PTO-K13Al-P)
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ / ECO)
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ / ECO)
- Foot adaptor with Bolt (PTO-26EXQ / TEC)



PTO-AKEXQPN



PTO-AKELTPN

**Above Knee Kit**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AK-EL-1	S. Steel, Carbon & Al	1.875 kg	Export Quality	100 kg
PTO-AK-EL-2	S. Steel, Carbon & Al	2.150 kg	Export Quality	100 kg
PTO-AK-EL-3	S. Steel, Carbon & Al	1.955 kg	Export Quality	100 kg

- 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)
- Four Bar Pneumatic Knee Joint (PTO-K13AL-P2)
- 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)



PTO-AK-EL-1



PTO-AK-EL-2



PTO-AK-EL-3

**PROSTHETIC KNEE JOINT****Modular Prosthetic Knee Joint****Cosmos-01S (Adjustable constant friction with extension assist mechanism)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J01	C. Steel	645 g	Export Quality	80 kg



PTO-J01

- **Recommendation:**

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

- **Description:**

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)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J02	C. Steel	530 g	Export Quality	100 kg



PTO-J02

- **Recommendation:**

- For trans-femoral amputees
- With moderate functional levels
- 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)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J03	C. Steel	590 g	Export Quality	100 kg



PTO-J03

- **Recommendation:**

- For trans-femoral amputees
- With moderate functional levels
- 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-05 (Integrated spring extension assist mechanism)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J05	C. Steel	670 g	Export Quality	100 kg
PTO-J05T	Ti	N/A	Export Quality	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)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J06	C. Steel & Ti	845 g	Export Quality	100 kg



PTO-J06

- **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 both 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)**

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J07	C. Steel	845 g	Export Quality	100 kg



PTO-J07

- **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 both adjustable.

- **Technical Data:**

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

## PROSTHETIC KNEE JOINT

### Modular Prosthetic Knee Joint

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

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J08	Al	570 g	Export Quality	100 kg

○ **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.



PTO-J08

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

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J09	C. Steel	670 g	Export Quality	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



PTO-J09

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

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J10	Al	649 g	Export Quality	100 kg

○ **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.



PTO-J10



## PROSTHETIC KNEE JOINT

### Modular Prosthetic Knee Joint

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

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J11	Al	620 g	Export Quality	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



PTO-J11

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

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J12	C. Steel	1 kg	Export Quality	100 kg

- **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.



PTO-J12

#### Galaxy-P4-1/2 (Four Bar Pneumatic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-K13AL-P1	Al	800 g	Export Quality	120 kg
PTO-K13AL-P2	Al	800 g	Export Quality	120 kg

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



PTO-K13AL-P1



PTO-K13AL-P2

#### Galaxy-P5-1/2 (Five Bar Pneumatic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-K14AL-P	Al	800 g	Export Quality	120 kg
PTO-K14AL-P-KD	Al	800 g	Export Quality	120 kg

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



PTO-K13AL-P1



PTO-K13AL-P2

## PROSTHETIC KNEE JOINT

### Modular Prosthetic Knee Joint

#### Four Bar Linkage Pneumatic Knee Joint for KD (Win-Walker)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-K15AL-P-KD	Al	1.20 kg	Export Quality	100 kg

○ **Recommendation:**

- For knee disarticulating amputees
- With mechanical locking extension assist
- Suitable for insecure amputees

○ **Technical Data:**

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

○ **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.



PTO-K15AL-P-KD

#### Infinity-H4-1 (Four Bar Hydraulic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J15A	Al	813 g	Export Quality	125 kg

○ **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



PTO-J15A

#### Infinity-H4-2 (Four Bar Hydraulic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J15B	Al	800 g	Export Quality	120 kg

- 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.



PTO-J15B

#### Hydropneumatic Joint

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J16	Al	867 g	Export Quality	125 kg

○ **Features:**

- Brake system with spacial bearing design
- Assistance extension spring adjustment
- E/F adjustment
- Hydraulic cylinder easy to replace



PTO-J16

**PROSTHETIC KNEE JOINT****Modular Prosthetic Knee Joint****SYMPHONY (6 Bar Hydraulic Knee Joint) NK-6/NK-6SH**

Part Code	Part Weight	Standard	Body Weight Limit
PTO-J17	920 g	Export Quality	125 kg
PTO-J17-1	920 g	Export Quality	125 kg

- NK-6 : Great Balance between stability in stance & Smoothness in swing. Upper End of Joint - Pyramidal & Threaded (Screw Headed)
- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw.



PTO-J17

PTO-J17-1

**SYMPHONY (6 Bar Hydraulic Knee Joint) NK-6 + L/NK-6SH + L**

Part Code	Part Weight	Standard	Body Weight Limit
PTO-J17-2	920 g	Export Quality	125 kg
PTO-J17-3	920 g	Export Quality	125 kg

- Upper End of Knee Joint - Pyramidal & Threaded (Screw Headed)
- Swing Phase Control - Hydraulic Cylinder + Adjustable extension Assist.
- Stance Phase Control - Stance Flexion adjustable by a screw Selective Lock System.



PTO-J17-2

PTO-J17-3

**ALLUX 2 (MPK) Hydraulic Knee Joint**

Part Code	Part Weight	Standard	Body Weight Limit
PTO-J18	1510 g	Export Quality	125 kg

- **Key Features:**
- Microprocessor-Controlled Stability:- Provides enhanced safety through dynamic control of stance and swing phases, adjusting in real-time to changes in terrain and walking speed.
- Optimized Gait & Energy Efficiency:- Enables a smoother, more natural gait pattern while helping reduce energy expenditure for the user.
- Polycentric Design (4-Bar Linkage):- Ensures high stability during stance and increased toe clearance during swing, especially beneficial for varied terrain and stair negotiation.
- Activity Level Compatibility:- Suitable for K3 - K4 users those with the ability or potential for variable cadence and community ambulation.
- Extended Flexion Range:- Maximum flexion angle of 180°\*\*, allowing for a full range of motion to accommodate active lifestyles.
- Adjustability for Patient Needs:- Easily customizable to individual gait patterns via adjustment settings for both stance and swing phases.
- Long Battery Life:- Operates up to **4 days on a single charge, assuming 5000 steps per day** on the prosthetic side.
- **Technical Specifications:**
- Unit Weight:- 1510g
- Max User Weight:-125kg
- Unit Size:- 265mm
- Proximal Connection:- Pyramid adapter
- Smart Connectivity:- Bluetooth-enabled for seamless communication with adjustment tools and user interface apps.
- Application Software:-  
Adjustment App for Prosthetists (iOS & Android)  
Remote Control App for Users (iOS & Android)



PTO-J18

**PROSTHETIC FEET****Modular Prosthetic PU Feet****Spandan (PU SACH) Feet**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-FL	Poly Urethane	Left	Narrow	Export Quality	45 Kg	Cinnamon
PTO-FR	Poly Urethane	Right	Narrow	Export Quality	45 Kg	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 (PU SACH) Feet**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-FL	Poly Urethane	Left	Narrow	Export Quality	45 Kg	Terra
PTO-FR	Poly Urethane	Right	Narrow	Export Quality	45 Kg	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**

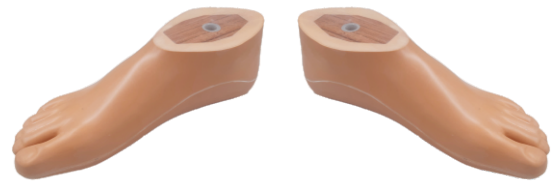
Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-FL	Poly Urethane	Left	Narrow	Export Quality	80/100 Kg	Cinnamon
PTO-FR	Poly Urethane	Right	Narrow	Export Quality	80/100 Kg	Cinnamon

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:**
- 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 (PU SACH) Feet**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-FL	Poly Urethane	Left	Narrow	Export Quality	80/100 Kg	Terra
PTO-FR	Poly Urethane	Right	Narrow	Export Quality	80/100 Kg	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:**
- 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**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-SAM-L	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Cinnamon
PTO-SAM-R	Poly Urethane	Right	Narrow	Export Quality	100 Kg	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 (Single Axis-two hole) Feet**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-SAM-L	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Terra
PTO-SAM-R	Poly Urethane	Right	Narrow	Export Quality	100 Kg	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 Casting Ankle Joint**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-SAM-AJ-L	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Cinnamon
PTO-SAM-AJ-R	Poly Urethane	Right	Narrow	Export Quality	100 Kg	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 with Casting Ankle Joint**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-SAM-AJ-L	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Terra
PTO-SAM-AJ-R	Poly Urethane	Right	Narrow	Export Quality	100 Kg	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 Aluminum Ankle Joint**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-SAM-ALAJ-L	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Cinnamon
PTO-SAM-ALAJ-R	Poly Urethane	Right	Narrow	Export Quality	100 Kg	Cinnamon

Size	23cm	24cm	25cm	26cm	27cm
Weight	426g	486g	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 with Aluminum Ankle Joint**

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-SAM-ALAJ-L	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Terra
PTO-SAM-ALAJ-R	Poly Urethane	Right	Narrow	Export Quality	100 Kg	Terra

Size	23cm	24cm	25cm	26cm	27cm
Weight	426g	486g	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****Symes PU Feet**

Part Code	Material	Shape	Standard	Body Weight Limit
PTO-SF(L/R)	Poly Urethane	Regular	Export Quality	80 kg

Size	23	24	25	26	27
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- **Recommendation:**  
For Symes Amputation Patient  
Recommended with foot Shoes

**Foot Shell**

Part Code	Material	Feet Side	Shape	Standard	Color
PTO-FSL	Poly Urethane	Left	Regular	Export Quality	Cinnamon
PTO-FSR	Poly Urethane	Right	Regular	Export Quality	Cinnamon

Size	22cm	23cm	24cm	25cm	26cm	27cm
Weight	180 g	200 g	215g	225 g	250 g	275 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 & High Ankle) - Activity 2**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit	Side
PTO-PCKLA-2	Carbon & S.Steel	Universal	Regular	Export Quality	100 kg	Low Ankle
PTO-PCKHA-2	Carbon & S.Steel	Universal	Regular	Export Quality	100 kg	High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	252g	266g	270g	281g	288g	295g	293g

LOW

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	322g	341g	356g	375g	387g	406g	422g

HIGH

- **Features and Benefits:**
  - High energy return
  - Progressive forefoot dynamics
  - low profile design for limited clearance
  - Lightweight and smooth gait
  - Weather friendly
- **Recommendation:**  
for trans-tibial and trans-femoral amputees.  
with High functional levels.  
Suitable for amputees with higher functional levels.  
Recommended with foot Shoe



Low



High

**PROSTHETIC FEET****Modular Prosthetic PU Feet****Carbon Keel PHOENIX Carbon keel with PU Shell (Low & High Ankle) - Activity 2**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit	Side
PTO-PCF-LA-2	PU & (Carbon & S.Steel)	Universal	Regular	Export Quality	100 kg	Low Ankle
PTO-PCF-HA-2	PU & (Carbon & S.Steel)	Universal	Regular	Export Quality	100 kg	High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	410g	438g	457g	491g	503g	516g	556g

LOW

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	482g	505g	524g	544g	574g	595g	630g

HIGH

○ **Features and Benefits:**

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

**Recommendation:**

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



Low



High

**Carbon Keel PHOENIX Carbon keel (Low & High Ankle) - Activity 3**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit	Side
PTO-PCKLA-3	Carbon & S.Steel	Universal	Regular	Export Quality	125 kg	Low Ankle
PTO-PCKHA-3	Carbon & S.Steel	Universal	Regular	Export Quality	136 kg	High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	248g	275g	329g	342g	355g	367g	371g

LOW

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	332g	343g	348g	373g	379g	394g	393g

HIGH

○ **Features and Benefits:**

Dynamic Heel  
Sandal Toe Design  
Split Carbon Keel  
 $\pm 5^\circ$  Torsion of Pyramid  
 $\pm 10^\circ$  Inversion & Eversion  
Impact Absorption by Middle Plate

**Features and Benefits:**

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



Low



High

**PROSTHETIC FEET****Modular Prosthetic PU Feet****Carbon Keel PHOENIX Carbon keel With PU Shell (Low & High Ankle) - Activity 3**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit	Side
PTO-PCF-LA-3	PU & (Carbon & S.Steel)	Universal	Regular	Export Quality	125 kg	Low Ankle
PTO-PCF-HA-3	PU & (Carbon & S.Steel)	Universal	Regular	Export Quality	136 kg	High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	408g	444g	513g	545g	578g	606g	620g

LOW

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	540g	565g	565g	614g	635g	686g	671g

HIGH

○ **Features and Benefits:**

Dynamic Heel  
 Sandal Toe Design  
 Split Carbon Keel  
 $\pm 5^\circ$  Torsion of Pyramid  
 $\pm 10^\circ$  Inversion & Eversion  
 Impact Absorption by Middle Plate  
 Features and Benefits:

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



Low



High

**Carbon Keel PHOENIX Carbon keel (Low & High Ankle) - Activity 4**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit	Side
PTO-PCKLA-4	Carbon & S.Steel	Universal	Regular	Export Quality	166 kg	Low Ankle
PTO-PCKHA-4	Carbon & S.Steel	Universal	Regular	Export Quality	166 kg	High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	258g	287g	302.g	315g	335g	355g	367g

LOW

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	342g	355g	365g	377g	392g	410g	422g

HIGH

○ **Features and Benefits:**

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

Features and Benefits:

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



Low



High

**PROSTHETIC FEET****Modular Prosthetic PU Feet****Carbon Keel PHOENIX Carbon keel with PU Shell (Low & High Ankle) - Activity 4**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit	Side
PTO-PCF-LA-4	PU & Carbon & S.Steel	Universal	Regular	Export Quality	166 kg	Low Ankle
PTO-PCF-HA-4	PU & Carbon & S.Steel	Universal	Regular	Export Quality	166 kg	High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	420g	462g	478g	498g	513g	532g	547g

LOW

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight	555g	585g	602g	617g	636g	648g	669g

HIGH

- Features and Benefits:**

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

- Features and Benefits:**

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



Low

High

**Symes Carbon Foot PHOENIX With Foot Shell Activity 1&2**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit
PTO-SCF-2	PU & Carbon & S.Steel	Universal	Regular	Export Quality	80 kg

Size	23	24	25	26	27
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- Recommendation:**

For Symes Amputation Patient  
Recommended with foot Shoes

**Symes Carbon Foot PHOENIX With Foot Shell Activity 3&4**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit
PTO-SCF-3	PU & Carbon & S.Steel	Universal	Regular	Export Quality	166 kg

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

- Features and Benefits:**

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





**PROSTHETIC FEET****Modular Prosthetic PU Feet****Chopart Carbon Foot PHOENIX With Foot Shell**

Part Code	Material	Keel Side	Shape	Standard	Body Weight limit
PTO-CCF	PU & Carbon & S.Steel	Universal	Regular	Export Quality	80 kg

Size	23	24	25	26	27
------	----	----	----	----	----

- **Recommendation:**  
For trans-Chopart Carbon foot  
Recommended with foot Shoes

**Jaipur Foot**

Part Code	Material	Shape	Standard	Body Weight limit
PTO-JPL	Vulcanized Rubber	Wide-Toe	Economic	80 kg
PTO-JPR	Vulcanized Rubber	Wide-Toe	Economic	80 kg

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

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



**CHILD PROSTHETIC****Modular Child Prosthetic****Child Four Bar Mechanical Knee Joint (Al)**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH01	Al	Export Quality	400 g	45 kg

- Pediatric light weight knee joint
- Suitable with pediatric tube
- Four bar linkage mechanism
- Stance face stability

**Child 4 Prong BK Socket Adapter**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH02S	S. Steel	Export Quality	45 g	45 kg

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

**Child Tube Clamp Adapter**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH03S	S. Steel	Export Quality	60 g	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**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH04S	S. Steel	Export Quality	50 g	45 kg

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

**Child Flat Pyramidal receiver Socket Adapter With base plate**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH04-1S	S. Steel	Export Quality	170 g	120 kg

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

**Child Flat Pyramidal Socket Adapter**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH05S	S.Steel	Export Quality	55 g	45 kg

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

**Child Flat Pyramidal Socket Adapter with base plate**

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH05-1S	S.Steel	Export Quality	155 g	45 kg

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



## CHILD PROSTHETIC

## Child Foot Adapter

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH06S	S.Steel	Export Quality	40 g	45 kg

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



## Modular Child Prosthetic

## Aluminum Child Pylon

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH07	Al & S.S	Export Quality	150 g	45 kg

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



## Child Knee Disarticulation knee Joint (Al)

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH08	Al	Export Quality	310 g	45 kg

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



## Child Hip Joint (AL)

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH09	Al	Export Quality	409 g	45 kg

- **Recommendation:**
  - For trans-femoral amputees
  - With moderate functional levels
  - Polycentric
  - Medium stance and swing phase stability
  - With mechanical extension assist
  - 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 Below Knee Export Quality Kit -SS

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH10	S.Steel	Export Quality	295 g	45 kg

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



## Child Above Knee Export Quality Kit- SS

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH11	S.S & Al	Export Quality	1.17 kg	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)

Part Code	Material	Standard	Part Weight	Side
PTO-BE-01LA	AI & PU	Economic	650 g	Left
PTO-BE-01RA	AI & PU	Economic	650 g	Right

- PU Rubber Gloves, With Harness system



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

Part Code	Material	Standard	Part Weight	Side
PTO-BE-01LC	AI & PU	Economic	550 g	Left
PTO-BE-01RC	AI & PU	Economic	550 g	Right

- PU Rubber Gloves, With Harness system



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

Part Code	Material	Standard	Part Weight	Side
PTO-AE-02LA	AI & PU	Economic	950 g	Left
PTO-AE-02RA	AI & PU	Economic	950 g	Right

- PU Rubber Gloves, With Harness system with Mechanical elbow



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

Part Code	Material	Standard	Part Weight	Side
PTO-AE-02LC	AI & PU	Economic	950 g	Left
PTO-AE-02RC	AI & PU	Economic	950 g	Right

- PU Rubber Gloves, With Harness system with Mechanical elbow



#### PU Hand Gloves

Part Code	Material	Standard	Part Weight	Side
PTO-PUG-L	PU	Economic	N/A	Left
PTO-PUG-R	PU	Economic	N/A	Right



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

Part Code	Material	Standard	Part Weight	Side
PTO-BE-03L	AI	Export Quality	200g	Left
PTO-BE-03R	AI	Export Quality	200g	Right

- 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.





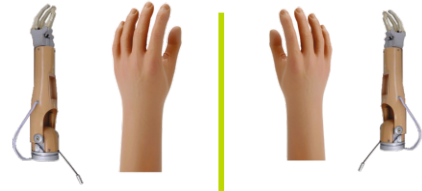
## UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

### Below & Above Elbow Kits

#### A/E Mechanical Kit With Short Silicon Gloves (Imported)-Cable Controlled

Part Code	Material	Standard	Part Weight
PTO-AE-04L	Al	Export Quality	1.05kg
PTO-AE-04R	Al	Export Quality	1.05kg

- 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

Part Code	Material	Standard	Part Weight
PTO-AE-BU-04L	Al	Export Quality	280 g
PTO-AE-BU-04R	Al	Export Quality	280 g

- 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)

Part Code	Material	Standard	Part Weight
PTO-BE-05L-3AL	Al	Export Quality	280 g
PTO-BE-05R-3AL	Al	Export Quality	280 g

- 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

Part Code	Material	Standard	Part Weight
PTO-BE-05L-WF-3AL	Al	Export Quality	280 g
PTO-BE-05R-WF-3AL	Al	Export Quality	280 g

- 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)

Part Code	Material	Standard	Part Weight
PTO-BE-06L-5AL	Al	Export Quality	280 g
PTO-BE-06R-5AL	Al	Export Quality	280 g

- 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

Part Code	Material	Standard	Part Weight
PTO-BE-06L-WF-5AL	Al	Export Quality	280 g
PTO-BE-06R-WF-5AL	Al	Export Quality	280 g

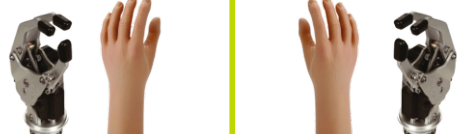
- 5 Finger movement.
- Action of hand can be control by Myoelectricity.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for middle, short , long stump of forearm.
- Waterproof.
- With short silicon glove.



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

Part Code	Material	Standard	Part Weight
PTO-BE-07L-3C	Carbon	Export Quality	175 g
PTO-BE-07R-3C	Carbon	Export Quality	175 g

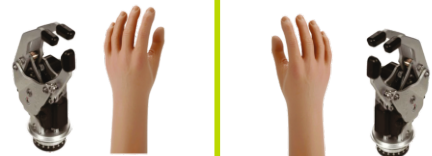
- 3 Finger movement.
- Action of hand can be control by Myoelectricity.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for middle, short , long stump of forearm.
- Waterproof.
- With short silicon glove.



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

Part Code	Material	Standard	Part Weight
PTO-BE-07L-5C	Carbon	Export Quality	175 g
PTO-BE-07R-5C	Carbon	Export Quality	175 g

- 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)

Part Code	Material	Standard	Part Weight
PTO-AE-08L-3AL	Al	Export Quality	600 g
PTO-AE-08R-3AL	Al	Export Quality	600 g

- 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

Part Code	Material	Standard	Part Weight
PTO-AE-08L-WF-3AL	Al	Export Quality	175 g
PTO-AE-08R-WF-3AL	Al	Export Quality	175 g

- 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)

Part Code	Material	Standard	Part Weight
PTO-AE-09L-5AL	Al	Export Quality	600 g
PTO-AE-09R-5AL	Al	Export Quality	600 g

- 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

Part Code	Material	Standard	Part Weight
PTO-AE-09L-WF-5AL	Al	Export Quality	175 g
PTO-AE-09R-WF-5AL	Al	Export Quality	175 g

- 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.



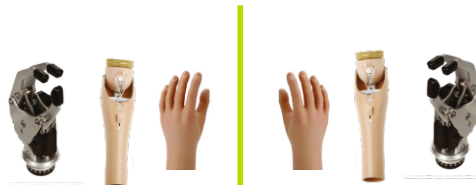
## UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

### Below & Above Elbow Kits

#### A/E Myo Kit (3 Fingers Moment) (Carbon)with Mechanical Elbow with Short Silicon Glove (Imported)

Part Code	Material	Standard	Part Weight
PTO-AE-10L-3C	Carbon Fiber	Export Quality	550 g
PTO-AE-10R-3C	Carbon Fiber	Export Quality	550 g

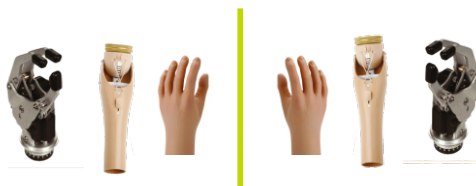
- 3 Finger movement.
- Action of hand can be control by myo electricity.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for middle, short , long stump of forearm.
- Mechanical Elbow (Passive control).
- Waterproof and with short silicon glove.



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

Part Code	Material	Standard	Part Weight
PTO-AE-10L-5C	Carbon	Export Quality	175 g
PTO-AE-10R-5C	Carbon	Export Quality	175 g

- 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

Part Code	Material	Standard	Part Weight
PTO-AE-11L-WF-5AL	Al	Export Quality	600 g
PTO-AE-11R-WF-5AL	Al	Export Quality	600 g

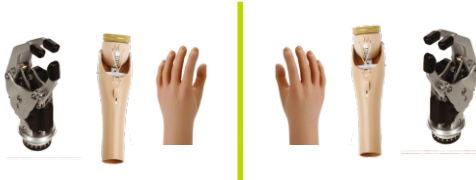
- 5 Finger movement.
- Action of hand can be control by myo electricity.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for long above elbow stump.
- Mechanical Elbow (Passive control).
- Waterproof and with short silicon glove.



#### A/E Myo Kit (5 Fingers Moment) (Carbon) (water proof) with Myo-Electric Elbow with Short Silicon Glove ---- 2 degree

Part Code	Material	Standard	Part Weight
PTO-AE-12L-WF-5C	Carbon	Export Quality	175 g
PTO-AE-12R-WF-5C	Carbon	Export Quality	175 g

- 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)

Part Code	Material	Standard	Part Weight
PTO-AE-13L-WF-5C	Carbon	Export Quality	175 g
PTO-AE-13R-WF-5C	Carbon	Export Quality	175 g

- 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

Part Code	Material	Standard	Part Weight
PTO-SG-01L-S	Silicon	Export Quality	N/A
PTO-SG-01R-S	Silicon	Export Quality	N/A

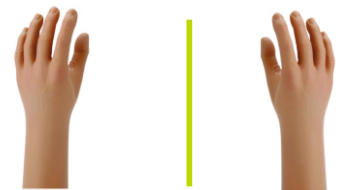
- Sizes- S/M/L/XL, Filler in two fingers, Shades- 1 to 18



### Silicon Prosthetic Glove (Long) for Mechanical Hand

Part Code	Material	Standard	Part Weight
PTO-SG-01L-L	Silicon	Export Quality	N/A
PTO-SG-01R-L	Silicon	Export Quality	N/A

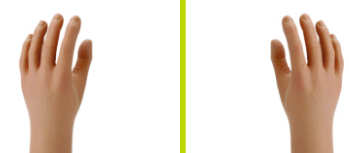
- Sizes- S/M/L/XL, Filler in two fingers, Shades- 1 to 18



### Silicon Glove (Short) For Cosmetic Restoration Hand-Without Filler

Part Code	Material	Standard	Part Weight
PTO-SCR-02S-L	Silicon	Export Quality	N/A
PTO-SCR-02S-R	Silicon	Export Quality	N/A

- Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



### Silicon Glove (Short) For Cosmetic Restoration Hand-With Filler

Part Code	Material	Standard	Part Weight
PTO-SCRF-02S-L	Silicon	Export Quality	N/A
PTO-SCRF-02S-R	Silicon	Export Quality	N/A

- Sizes- S/M/L/XL, With Filler, Shades- 1 to 18



## UPPER EXTREMITY PROSTHETIC &amp; SILICON GLOVES

## Below &amp; Above Elbow Kits

## Silicon Glove (Long) For Cosmetic Restoration Hand-Without Filler

Part Code	Material	Standard	Part Weight
PTO-SCR-03L-L	Silicon	Export Quality	N/A
PTO-SCR-03L-R	Silicon	Export Quality	N/A

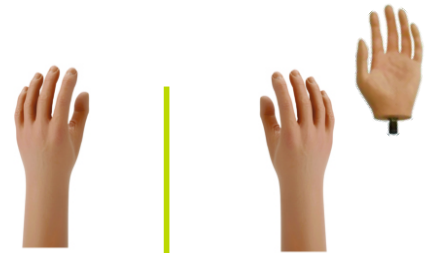
○ Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



## Silicon Glove (Long) For Cosmetic Restoration Hand-With Filler

Part Code	Material	Standard	Part Weight
PTO-SCRF-03L-L	Silicon	Export Quality	N/A
PTO-SCRF-03L-R	Silicon	Export Quality	N/A

○ Sizes- S/M/L/XL, With Filler, Shades- 1 to 18



## Silicon Prosthetic Glove (Short With Chain) For Cosmetic Restoration Hand-Without Filler

Part Code	Material	Standard	Part Weight
PTO-SCR-04S-L	Silicon	Export Quality	N/A
PTO-SCR-04S-R	Silicon	Export Quality	N/A

○ Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



## Silicon Prosthetic Glove (Short With Chain) For Cosmetic Restoration Hand-With Filler

Part Code	Material	Standard	Part Weight
PTO-SCRF-04S-L	Silicon	Export Quality	N/A
PTO-SCRF-04S-R	Silicon	Export Quality	N/A

○ Sizes- S/M/L/XL, With Filler, Shades- 1 to 18



## Silicon Prosthetic Glove (Long With Chain) For Cosmetic Restoration Hand-Without Filler

Part Code	Material	Standard	Part Weight
PTO-SCR-05L-L	Silicon	Export Quality	N/A
PTO-SCR-05L-R	Silicon	Export Quality	N/A

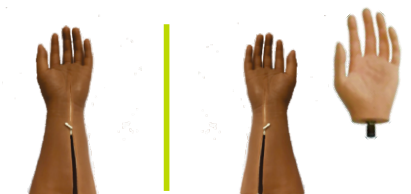
○ Sizes- S/M/L/XL, Without Filler & Bolt, Shades- 1 to 18



## Silicon Prosthetic Glove (Long With Chain) For Cosmetic Restoration Hand-With Filler

Part Code	Material	Standard	Part Weight
PTO-SCRF-05L-L	Silicon	Export Quality	N/A
PTO-SCRF-05L-R	Silicon	Export Quality	N/A

○ Sizes- S/M/L/XL, With Filler & Bolt, Shades- 1 to 18



## ORTHOTIC COMPONENTS

### Orthotic Products

#### Spring Loaded Orthotic Knee Joint with Aluminum bars

Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR01-1	Al	Export Quality	700 g	100 kg
PTO-OR01-2	S. Steel	Export Quality	900 g	120 kg
PTO-OR01-3	Al	Export Quality	700 g	100 kg

- Spring Loaded Orthotic Knee Joint (AL/SS) (Dual Unlocking Mechanism) with Stainless Steel/Aluminum bars - (Set)



#### Drop Lock Joint (Pair)

Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR02-1	C. Steel	Export Quality	150 g	25 kg
PTO-OR02-2	C. Steel	Export Quality	180 g	50 kg
PTO-OR02-3	C. Steel	Export Quality	200 g	80 kg

- Drop Lock Orthotic Knee Joint (Size 1, 2, 3 Child) - (per Set without bar)



#### Drop Lock Joint (Pair) (With Bars)

Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR03-1	C. Steel & Al	Export Quality	300 g	25 kg
PTO-OR03-2	C. Steel & Al	Export Quality	350 g	50 kg
PTO-OR03-3	C. Steel & Al	Export Quality	700 g	80 kg

- Drop Lock Orthotic Knee Joint (Size 1, Child 2, 3 Adult) - (per Set with Al bar)



#### Aluminum Bars (Set of 4 bars)

Part Code	Material	Standard	Part Weight
PTO-OR04-1	Al	Export Quality	150 g
PTO-OR04-2	Al	Export Quality	200 g
PTO-OR04-3	Al	Export Quality	400 g

- Small /Medium /Large Al bars for Orthotic Knee Joint (2 straight & 2 Contoured) (Set of 4 bars)



#### Hip Joint with bar

Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR05-1	C. Steel	Export Quality	180 g	80 kg
PTO-OR05-2	C. Steel	Export Quality	230 g	80 kg
PTO-OR05-3	C. Steel	Export Quality	280 g	80 kg

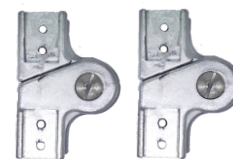
- Hip Joint With Bar (Size I, II, III) - (Pair)



## ORTHOTIC COMPONENTS

## Orthotic Products

## Off-set Orthotic Knee Joint (Size III)-(pair)



Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR06	C. Steel	Export Quality	180 g	80 kg

- Off-set Orthotic Knee Joint (Size III) - (Pair)

## Off-set Orthotic Knee Joint (Size III) (pair) (with bars)



Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR06-1	C. Steel & Al	Export Quality	580 g	80 kg

- Off-set Orthotic Knee Joint (Size III) - ( pair) (with bars)

## Spandan Ankle Joint



Part Code	Material	Standard	Part Weight	Body Weight limit
PTO-OR07-1	S. Steel	Export Quality	30 g	25 kg
PTO-OR07-2	S. Steel	Export Quality	50 g	45 kg
PTO-OR07-3	S. Steel	Export Quality	80 g	65 kg

- Spandan Ankle Joint (Size 1, 2, 3 ) - (per Set) (SS)

## Tamarac Ankle Joint (Pairs)



Part Code	Material	Size	Part Weight	Body Weight limit
PTO-OR08-1	Nylon	1	20 g	25 kg
PTO-OR08-2	Nylon	2	30 g	50 kg
PTO-OR08-3	Nylon	3	45 g	80/90 kg
PTO-OR08-1DO	Nylon	1	20 g	25 kg
PTO-OR08-2DO	Nylon	2	30 g	50 kg
PTO-OR08-3DO	Nylon	3	45 g	80/90 kg
PTO-OR08-D1	Nylon	1	20 g	25 kg
PTO-OR08-D2	Nylon	2	30 g	50 kg
PTO-OR08-D3	Nylon	3	45 g	80/90 kg

- Tamarac Joint (Size 3) (Dummy on demand at additional Cost)



## ORTHOTIC COMPONENTS

## Orthotic Products

## Orthotic Strap

Part Code	Material	Size
PTO-OR9-1/6	Nylon Strap	1"
PTO-OR9-1/8	Nylon Strap	1"
PTO-OR9-1/10	Nylon Strap	1"
PTO-OR9-1/12	Nylon Strap	1"
PTO-OR9-1/15	Nylon Strap	1"
PTO-OR9-1/18	Nylon Strap	1"
PTO-OR9-1.5/6	Nylon Strap	1.5"
PTO-OR9-1.5/8	Nylon Strap	1.5"
PTO-OR9-1.5/10	Nylon Strap	1.5"
PTO-OR9-1.5/12	Nylon Strap	1.5"
PTO-OR9-1.5/15	Nylon Strap	1.5"
PTO-OR9-1.5/18	Nylon Strap	1.5"
PTO-OR9-2/10	Nylon Strap	2"
PTO-OR9-2/12	Nylon Strap	2"
PTO-OR9-2/15	Nylon Strap	2"
PTO-OR9-2/18	Nylon Strap	2"
PTO-OR9-2/20	Nylon Strap	2"



- Orthotic Strap (Different Lengths/Colours)/ Cotton, Nylon P.P, S.S D Ring.

## Plastic D Buckle (1/ 1.5/ 2 inch)

Part Code	Material	Standard	Part Weight
PTO-OR9-1D	Plastic	Export Quality	N/A g
PTO-OR9-1.5D	Plastic	Export Quality	N/A g
PTO-OR9-2D	Plastic	Export Quality	N/A g



- Colors)/ Cotton, Nylon P.P, S.S D Ring.

## Orthotic Leather Knee Cap Orthotics

Part Code	Material	Standard	Part Weight
PTO-OR10-1	Leather	Export Quality	100 g
PTO-OR10-2	Leather	Export Quality	110 g
PTO-OR10-3	Leather	Export Quality	120 g

- Orthotic Leather Knee Cap for Orthotics (Size 1, 2, 3)



## ORTHOTIC COMPONENTS

### Orthotic Products

#### Orthotic Leather Knee Cap Orthotics

Part Code	Material	Standard	Part Weight
PTO-OR11	Plastic	Export Quality	N/A

- Plastic Base, Height - 8.9 cm, Weight - 8.9 cm



#### Coloring Paper Sheet (Sheet of 1 mtr x 1 mtr Size)

Part Code	Material	Standard	Part Weight
PTO-OR12	Paper	Export Quality	N/A

- 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)

Part Code	Material	Standard	Part Weight
PTO-OR13-4	Foam	Export Quality	N/A

- Foot Foam Impression Foam Kit



#### AFO Kit (LM)(ALIMCO type) - Small/Medium/Large

##### Part Code

PTO-OR14-1S

PTO-OR14-1M

PTO-OR14-1L

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour. MOQ Applicable
- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour, Knee joints- 2 nos. MOQ Applicable
- 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/Medium/Large

##### Part Code

PTO-OR14-2S

PTO-OR14-2M

PTO-OR14-2L

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour. MOQ Applicable
- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour, Knee joints- 2 nos. MOQ Applicable
- 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



## ORTHOTIC COMPONENTS

### Orthotic Products

#### HKAFO Kit(LM) (ALIMCO type) - Small/Medium/Large

##### Part Code

PTO-OR14-3S

PTO-OR14-3M

PTO-OR14-3L

- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour.  
MOQ Applicable
- Contains- Ankle joint with Stir-up 2 nos, Bars- 1 straight, 1 contour, Knee joints- 2 nos.  
MOQ Applicable
- 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



#### Elastic Knee Cap (Tynor)- S/M/L/XL

##### Part Code

PTO-OR15-1

PTO-OR15-2

PTO-OR15-3

PTO-OR15-4

- **DESCRIPTION:**
- Tynor Knee Cap is scientifically designed to provide compression and support to the knee. This aesthetically designed product improves blood circulation around the knee and provides warmth that helps relieve pain and inflammation.
- **FEATURES:**
- Scientific design gives optimal compression.
- Anatomical shape conforms to the knee anatomy.
- Airy knit design ensures breathability.
- Stretchable spandex ensures a snug fit.
- Skin-friendly nylon gives supreme comfort.
- Soft patellar region reduces pressure on patella.
- Sleek design-wearable even under clothes.



##### ○ CONTENTS:

- D04: Nylon, spandex, cotton.
- D23: Nylon, Spandex.

## RAW MATERIALS FOR P&amp;O

## Raw Materials

## ACRY-CRYL Laminating Resin 80:20 Resin &amp; Hardener

## Part Code

PTO-M01-1/1

- 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 Hardners. Curing 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.

Part Code	Material	Standard	Net Weight
PTO-M01-1/2	Acrylic Resin	Export Quality	4.600 Kg



## HARDNER POWDER 150 GM

Part Code	Material	Standard	Part Weight
PTO-M01-1/3	Dicyclohexyl Phthalate	Export Quality	150 g



## CARBON Resin Rigid - 4.6 KG

Part Code	Material	Standard	Net Weight
PTO-M01-1/4	Epoxy Resin	Export Quality	3.450 Kg

- .....



## SEALING Rigid Acrylic Resin - 4.6 KG

Part Code	Material	Standard	Net Weight
PTO-M01-1/5	ISO and POLY	Export Quality	2 Kg

- .....



## Epoxy Resin &amp; Hardener Combo

Part Code	Material	Standard	Net Weight
PTO-M01-1	Epoxy Resin	Export Quality	3.450 Kg

- Resin for Lamination with hardener (Cherry-Picker, Combo Package) (Qty - 3.00 Kg Resin + 450 g Hardener)



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Foam Build-up

Part Code	Material	Standard	Net Weight
PTO-M01-2	ISO and POLY	Export Quality	2 Kg

- FOAM BUILD-UP (Combo Pack of 2Kg), ISO- 1Kg, POLY- 1Kg.  
Mixing ratio (1:1)



## Pigment Paste

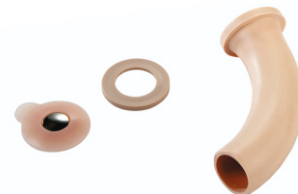
Part Code	Material	Standard	Net Weight	Colour
PTO-M01-3	Epoxy Pigment	Export Quality	250 g	Cinemon
PTO-M01-4	Epoxy Pigment	Export Quality	250 g	Terra
PTO-M01-5	Epoxy Pigment	Export Quality	1000 g	Cinemon
PTO-M01-6	Epoxy Pigment	Export Quality	1000 g	Terra



## Suction Valve Set

Part Code	Material	Standard	Part Weight
PTO-M02	Plastic	Export Quality	35 g

- Suction Valve Set (Cap+Tube+Ring) (plastic)



## J Attachment Socket Adapter

Part Code	Material	Standard	Part Weight
PTO-M02-1	C. Steel	Export Quality	75 g

- To be used with Knee disarticulating Joint, Socket Adapter



## Automatic Suction Valve

Part Code	Material	Standard	Part Weight
PTO-M02-2	plastic	Export Quality	10 g

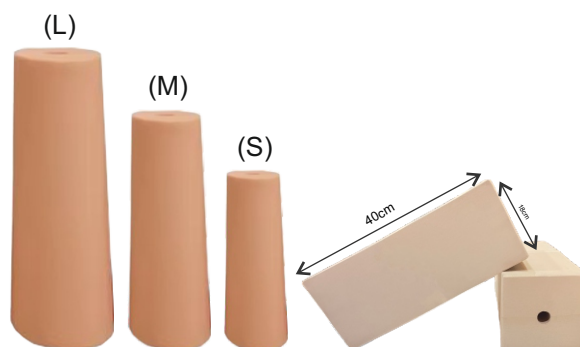
- Suction Valve Set (plastic)



## BK Foam Cover

Part Code	Material	Standard	Part Weight
PTO-M03-0-1,2,3	LD Foam	Export Quality	335 g
PTO-M03-1	LD Foam	Export Quality	335 g

- BK Foam Cover (Pre- Shaped- Diamond shape with 30 mm. ID) (Size- Small, Medium, Large)
- BK Foam Cover (Rectangle block with 30 mm. ID)  
Throughout pylon Hole. L x W x H = 160 x 160 x 400 mm





## RAW MATERIALS FOR P&amp;O

## Raw Materials

## AK Foam Cover

Part Code	Material	Standard	Part Weight
PTO-M03-2	LD Flexible Foam	Export Quality	794 g

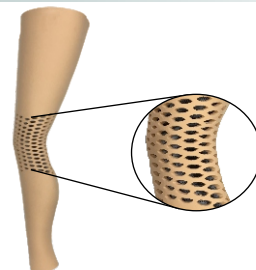
- length: (91cm), Calf Circumference: (44cm)  
Knee Flexion: 30 Degree, Length from knee center to ankle- 14" or 36 cm.



## AK Foam Cover

Part Code	Material	Standard	Part Weight	Color
PTO-M03-3	PU	Export Quality	290 g	Beige

- length: (84cm), Calf Circumference: (40cm)  
Knee Flexion: 30 Degree, Length from knee center to ankle- 16" or 43 cm.



## Texobond

Part Code	Material	Standard	Part Weight
PTO-M04	Adhesive	Export Quality	5 L

- a multipurpose adhesive from Avis Polymers that is used in many industries that use synthetic rubber adhesives.



## Cosmetic Stocking (Pair)

Part Code	Material	Standard	Part Weight
PTO-M04-1	Nylon	Export Quality	32 g
PTO-M04-2	Nylon	Export Quality	49 g
PTO-M04-3	Nylon	Export Quality	32 g
PTO-M04-4	Nylon	Export Quality	49 g

- Cosmetic Stocking for BK / AK (pair) Upper Elastic Band



## Cotton Stump Socks

Part Code	Size	Dimension	Part Weight
PTO-M05-1	Small	15" X 4"	110 g
PTO-M05-2	Medium	17" X 4"	135 g
PTO-M05-3	Large	19" X 4"	150 g
PTO-M05-3	Extra-Large	20" X 4"	175 g

- Cotton Stump Socks for BK / AK (pair) Upper Elastic Band



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Thermofomable Dome

Part Code	Size	Material	Part Weight
PTO-M06-1	Small	EVA mouled	170 g
PTO-M06-2	Medium	EVA mouled	200 g
PTO-M06-3	Large	EVA mouled	250 g

○ Thermofomable Dome for BK / AK Soft Inner socket.



## BK TES Belt

Part Code	Size	Material	Part Weight
PTO-M07-1	Small	Lycra with fabric	150 g
PTO-M07-2	Medium	Lycra with fabric	153 g
PTO-M07-3	Large	Lycra with fabric	160 g
PTO-M07-4	Extra Large	Lycra with fabric	190 g
PTO-M07-5	Double Extra Large	Lycra with fabric	210 g



## AK TES Belt Universal (for Both Left &amp; Right)

Part Code	Size	Material	Part Weight
PTO-M08-1	Small	Lycra with fabric	200 g
PTO-M08-2	Medium	Lycra with fabric	240 g
PTO-M08-3	Large	Lycra with fabric	270 g
PTO-M08-4	Extra Large	Lycra with fabric	300 g
PTO-M08-5	Double Extra Large	Lycra with fabric	340 g



## AK TES Belt (L/R - Universal) ECO

Part Code	Size	Material	Part Weight
PTO-M08-1E	Small	Rexine & Fabric	205 g
PTO-M08-2E	Medium	Rexine & Fabric	206 g
PTO-M08-3E	Large	Rexine & Fabric	202 g
PTO-M08-4E	Extra Large	Rexine & Fabric	214 g



## Carbon Fiber Fabric

Part Code	Material	Standard	Part Weight
PTO-M09-1	Carbon	Export Quality	230 g

○ Carbon Fiber Fabric (In Square meters)- (200 GSM)



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Carbon Sleeve (stockinette)

Available in per meter

Part 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

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-M10	Glass Fiber	Export Quality	250 g	N/A

- Glass Fiber (In square meters)



## Plastazote

Part Code	Color	Size	Part Weight	Material
PTO-M11-4	Cinemon	1150 X 2250 mm	530 g	EVA
PTO-M11-6	Cinemon	1150 X 2250 mm	792 g	EVA
PTO-M11-8	Cinemon	1150 X 2250 mm	1.33 kg	EVA
PTO-M11-10	Cinemon	1150 X 2250 mm	1.66 kg	EVA

- (Ideal for Insoles (Diabetic/ Leprosy), Arch Supports, Stump end buildup, Neck braces (i.e Philadelphia)



## Pedilin CR

Part Code	Color	Size	Part Weight	Material
PTO-M13-3C	Cinemon	1000 X 1000 mm	400 g	EVA
PTO-M13-4C	Cinemon	1000 X 1000 mm	500 g	EVA
PTO-M13-6C	Cinemon	1000 X 1000 mm	800 g	EVA
PTO-M13-8C	Cinemon	1000 X 1000 mm	1000 g	EVA

- (Ideal for Below Knee Soft insert Inner)



## Ethasoft

Part Code	Color	Standard	Part Weight	Material
PTO-M14-2C	Cinemon	Export Quality	300 g	EVA
PTO-M14-3C	Cinemon	Export Quality	450 g	EVA
PTO-M14-4C	Cinemon	Export Quality	600 g	EVA
PTO-M14-5C	Cinemon.	Export Quality	750 g	EVA
PTO-M14-6C	Cinemon	Export Quality	900 g	EVA

- Ethasoft - (1000 x 1000 mm) - Cinamon Color, Thickness : 2 to 6 mm (Ideal for Caliper Padding/ braces and insole)



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Ethasoft

Part Code	Color	Standard	Part Weight	Material
PTO-M14-2B	Blue	Export Quality	300 g	EVA
PTO-M14-3B	Blue	Export Quality	450 g	EVA
PTO-M14-4B	Blue	Export Quality	600 g	EVA
PTO-M14-5B	Blue	Export Quality	750 g	EVA
PTO-M14-6B	Blue	Export Quality	900 g	EVA



- Ethasoft - (1000 x 1000 mm) - Blue Color, Thickness : 2 to 6 mm  
(Ideal for Caliper Padding/ braces and insole)

## Ethasoft

Part Code	Color	Standard	Part Weight	Material
PTO-M14-2Y	Yellow	Export Quality	300 g	EVA
PTO-M14-3Y	Yellow	Export Quality	450 g	EVA
PTO-M14-4Y	Yellow	Export Quality	600 g	EVA
PTO-M14-5Y	Yellow	Export Quality	750 g	EVA
PTO-M14-6Y	Yellow	Export Quality	900 g	EVA



- Ethasoft - (1000 x 1000 mm) - Yellow Color, Thickness : 2 to 6 mm  
(Ideal for Caliper Padding/ braces and insole)

## Ethasoft

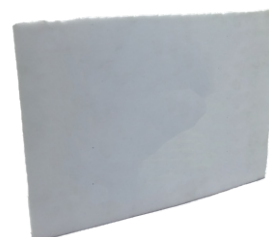
Part Code	Color	Standard	Part Weight	Material
PTO-M14-2R	Red	Export Quality	300 g	EVA
PTO-M14-3R	Red	Export Quality	450 g	EVA
PTO-M14-4R	Red	Export Quality	600 g	EVA
PTO-M14-5R	Red	Export Quality	750 g	EVA
PTO-M14-6R	Red	Export Quality	900 g	EVA



- Ethasoft - (1000 x 1000 mm) - Red Color, Thickness : 2 to 6 mm  
(Ideal for Caliper Padding/ braces and insole)

## Ethasoft

Part Code	Color	Standard	Part Weight	Material
PTO-M14-2W	White	Export Quality	300 g	EVA
PTO-M14-3W	White	Export Quality	450 g	EVA
PTO-M14-4W	White	Export Quality	600 g	EVA
PTO-M14-5W	White	Export Quality	750 g	EVA
PTO-M14-6W	White	Export Quality	900 g	EVA



- Ethasoft - (1000 x 1000 mm) - White Color, Thickness : 2 to 6 mm  
(Ideal for Caliper Padding/ braces and insole)



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Ethasoft

Part Code	Color	Standard	Part Weight	Material
PTO-M14-2BL	Black	Export Quality	300 g	EVA
PTO-M14-3BL	Black	Export Quality	450 g	EVA
PTO-M14-4BL	Black	Export Quality	600 g	EVA
PTO-M14-5BL	Black	Export Quality	750 g	EVA
PTO-M14-6BL	Black	Export Quality	900 g	EVA

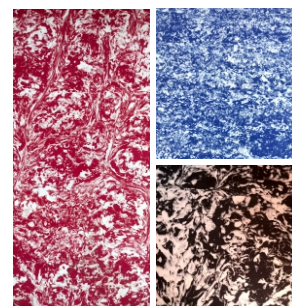
- Ethasoft - (1000 x 1000 mm) - Black Color, Thickness : 2 to 6 mm  
(Ideal for Caliper Padding/ braces and insole)



## Ethasoft

Part Code	Color	Standard	Part Weight	Material
PTO-M14-2MC	Multicolour	Export Quality	N/A	EVA
PTO-M14-3MC	Multicolour	Export Quality	N/A	EVA
PTO-M14-4MC	Multicolour	Export Quality	N/A	EVA
PTO-M14-5MC	Multicolour	Export Quality	N/A	EVA
PTO-M14-6MC	Multicolour	Export Quality	N/A	EVA

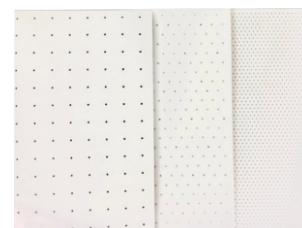
- Ethasoft - (2000 x 1000 mm) - Multicolour, Thickness : 2 to 6 mm  
(Ideal for Caliper Padding/ braces and insole)



## LTTP Sheet

Part Code	Color	Standard	Part Weight	Material
PTO-M15-1.6	White	Export Quality	N/A	Thermo Plastic
PTO-M15-2.4	White	Export Quality	N/A	Thermo Plastic
PTO-M15-3.2	White	Export Quality	N/A	Thermo Plastic
PTO-M15-4.0	White	Export Quality	N/A	Thermo Plastic

- LTTP Sheet (Easy fit) (460 x 610 mm) ....(11%, 1%, 1%, 1%) Perforated
- (Ideal for Thermo-formable non-weight bearing splints)



## Polypropylene Sheet

Part Code	Color	Size & Thickness	Part Weight	Material
PTO-M16-2W	White	1 X 2 Meter 2 mm thickness	3.600 kg	Polypropylene
PTO-M16-3W	White	1 X 2 Meter 3 mm thickness	5.400 kg	Polypropylene
PTO-M16-4W	White	1 X 2 Meter 4 mm thickness	7.200 kg	Polypropylene
PTO-M16-5W	White	1 X 2 Meter 5 mm thickness	9.000 kg	Polypropylene
PTO-M16-6W	White	1 X 2 Meter 6 mm thickness	9.800 kg	Polypropylene
PTO-M16-8W	White	1 X 2 Meter 8 mm thickness	11.600 kg	Polypropylene
PTO-M16-10W	White	1 X 2 Meter 10 mm thickness	13.400 kg	Polypropylene
PTO-M16-12W	White	1 X 2 Meter 12 mm thickness	32.150 kg	Polypropylene
PTO-M16-15W	White	1 X 2 Meter 15 mm thickness	40.180 kg	Polypropylene





## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Polypropylene Sheet

Part Code	Color	Size	Part Weight	Material
PTO-M17-8W	White	(8 mm X 400mm X 400 mm)	1.150 kg	Polypropylene
PTO-M17-10W	White	(10 mm X 400mm X 400 mm)	1.440 kg	Polypropylene
PTO-M17-12W	White	(12 mm X 400mm X 400 mm)	1.72 kg	Polypropylene
PTO-M17-15W	White	(15 mm X 400mm X 400 mm)	2.160 kg	Polypropylene



○ (Ideal for Hard socket of AK / BK)

## Rubberized flexible Sheet

Part Code	Color	Size	Part Weight	Material
PTO-M18-2W	White	(2 mm X 1250mm X 2000 mm)	6 kg	EVA
PTO-M18-3W	White	(3 mm X 1250mm X 2000 mm)	9 kg	EVA
PTO-M18-4W	White	(4 mm X 1250mm X 2000 mm)	12 kg	EVA
PTO-M18-6W	White	(6 mm X 1250mm X 2000 mm)	18 kg	EVA



## Rubberized flexible Sheet

Part Code	Color	Size	Part Weight	Material
PTO-M19-8W	White	(8 mm X 1250mm X 2000 mm)	2.400 kg	EVA
PTO-M19-10W	White	(10 mm X 1250mm X 2000 mm)	3 kg	EVA
PTO-M19-12W	White	(12 mm X 1250mm X 2000 mm)	3.600 kg	EVA
PTO-M19-15W	White	(15 mm X 1250mm X 2000 mm)	4.500 kg	EVA



○ (Ideal for Soft inner socket of BK)

## PVA BAG

Part Code	Color	Size	Pack of	Material
PTO-M20-4	White	4"	10	Polyvinyl Alcohol
PTO-M20-6	White	6"	10	Polyvinyl Alcohol
PTO-M20-8	White	8"	10	Polyvinyl Alcohol
PTO-M20-10	White	10"	10	Polyvinyl Alcohol
PTO-M20-12	White	12"	10	Polyvinyl Alcohol
PTO-M20-14	White	14"	10	Polyvinyl Alcohol
PTO-M20-16	White	16"	10	Polyvinyl Alcohol
PTO-M20-20	White	20"	20	Polyvinyl Alcohol
PTO-M20-4-1	White	4"	20	Polyvinyl Alcohol
PTO-M20-6-1	White	6"	20	Polyvinyl Alcohol
PTO-M20-8-1	White	8"	20	Polyvinyl Alcohol
PTO-M20-10-1	White	10"	20	Polyvinyl Alcohol
PTO-M20-12-1	White	12"	20	Polyvinyl Alcohol
PTO-M20-14-1	White	14"	20	Polyvinyl Alcohol
PTO-M20-16-1	White	16"	20	Polyvinyl Alcohol
PTO-M20-20	White	20"	20	Polyvinyl Alcohol



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Cotton Stockinette

Part Code	Width	Roll	Part Weight	Colour	Material
PTO-M21-30	30mm	10 meter	170 g	off white	Cotton
PTO-M21-60	60mm	10 meter	250 g	off white	Cotton
PTO-M21-80	80mm	10 meter	333 g	off white	Cotton
PTO-M21-100	100mm	10 meter	416 g	off white	Cotton
PTO-M21-120	120mm	10 meter	500 g	off white	Cotton
PTO-M21-150	150mm	10 meter	625 g	off white	Cotton
PTO-M21-KG	Any of above	per kg	1000 g	off white	80% Cotton + 20% Nylon

- Cotton Stockinette (Prime), Width: 150 mm = Per 10 Meter Roll



## Nylon Stockinette

Part Code	Width	Roll	Part Weight	Colour	Material
PTO-M21-N30	30mm	10 meter	170 g	off white	Nylon
PTO-M21-N60	60mm	10 meter	250 g	off white	Nylon
PTO-M21-N80	80mm	10 meter	333 g	off white	Nylon
PTO-M21-N100	100mm	10 meter	416 g	off white	Nylon
PTO-M21-N120	120mm	10 meter	500 g	off white	Nylon
PTO-M21-N150	150mm	10 meter	625 g	off white	Nylon
PTO-M21-NKG	Any of above	per kg	1000 g	off white	Nylon

- Nylon Stockinette (Prime), Width: 150 mm = Per 10 Meter Roll



## Perlon Sleeve

Part Code	Width	Per Kg	Part Weight	Colour	Material
PTO-M22-6	6 cm	33 meter	1 kg	white	Nylon & synthetic fibre
PTO-M22-8	8 cm	24 meter	1 kg	white	Nylon & synthetic fibre
PTO-M22-10	10 cm	20 meter	1 kg	white	Nylon & synthetic fibre
PTO-M22-12	12 cm	16 meter	2 kg	white	Nylon & synthetic fibre
PTO-M22-15	15 cm	13 meter	2 kg	white	Nylon & synthetic fibre

- Ideal for light and strong socket lamination



## Nyglass Sleeve

Part Code	Width	Per Kg	Part Weight	Colour	Material
PTO-M22-N6	6 cm	33 meter	1 kg	white	Nyglass
PTO-M22-N8	8 cm	24 meter	1 kg	white	Nyglass
PTO-M22-N10	10 cm	20 meter	1 kg	white	Nyglass
PTO-M22-N12	12 cm	16 meter	2 kg	white	Nyglass
PTO-M22-N15	15 cm	13 meter	2 kg	white	Nyglass

- Ideal for light and strong socket lamination



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Plaster of Paris (POP) Bandages

Part Code	Size	Part Weight	Colour	Material
PTO-M23-4	4 Inch	106 g	white	POP Powder
PTO-M23-6	6 Inch	160 g	white	POP Powder

- Plaster of Paris Bandages (Plasto/ Alfa pop Brand)



## HDPE Pipe

Part Code	Size	Part Weight	Colour	Material
PTO-M24-75	75 mm	623 g	Beige	Poly-Ethylene
PTO-M24-90	90 mm	885 g	Beige	Poly-Ethylene
PTO-M24-110	110 mm	1208 g	Beige	Poly-Ethylene
PTO-M24-75/1	75 mm	623 g	Beige	Poly-Ethylene
PTO-M24-90/1	90 mm	885 g	Beige	Poly-Ethylene
PTO-M24-110/1	110 mm	1208 g	Beige	Poly-Ethylene

- HDPE Pipe - For Exo-skeletal prosthesis & orthosis



## Teflon Sheet

Part Code	Material	Standard	Part Weight	Colour
PTO-M25	Teflon	Prime Quality	500 g	of wight

- Teflon Sheet - Prime Quality, (Size - 1 Square meter), High Heat Resistance



## Hand Gloves

Part Code	Part Weight	Colour	Material
PTO-M26-2	165 g	off white	Cotton
PTO-M26-1	346 g	yellow	Kevlar

- Hand Gloves for Oven (pair), Regular / Prime Quality High Heat Resistance



Economic

Prime

## Scriber

Part Code	Colour	Material
PTO-M27-1	Black	S. Steel

- .....



## Plaster Apron

Part 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



## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Safety Goggles

Part Code	Part Weight	Size	Colour	Material
PTO-M27-3	100 g	Universal	Transparent	Polycarbonate Lens



## Ear Protection

Part 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.

## Filter Mask (Industrial)

Part Code	Part Weight	Colour	Material
PTO-M27-5	240 g	Black	PVC + Active Carbon + PC



## Aluminum Rivet

Part Code	Part Weight	Length	Thickness	Colour	Material
PTO-MM01-12	1 kg	12 mm	3 mm	Silver	Al
PTO-MM01-19	1 kg	19 mm	3 mm	Silver	Al
PTO-MM01-25	1 kg	25 mm	3 mm	Silver	Al



## Chirva Rivet

Part Code	Part Weight	Length	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

Part Code	Material	Standard	Auxiliary Weight
PTO-MM03	Mild Steel	Export Quality	1 kg

- Washer (small) - in Kg. MS Galvanized, Any OD / ID / thickness



## Copper Rivet

Part 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&amp;O

## Raw Materials

## Nut Bolts

Part Code	Material	Standard	Auxiliary Weight
PTO-MM05-1	M. Steel	Export Quality	1 kg
PTO-MM05-2	S. Steel	Export Quality	1 kg

- o Nut Bolts (per kg) Different heads & Types Available, (MS Galvanized & Stainless Steel) (Unit in kg)



## Press Button

Part 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

Part Code	Material	Standard	Auxiliary Weight
PTO-MM07-0.5C	S. Steel	Export Quality	1 kg
PTO-MM07-1C	S. Steel	Export Quality	1 kg
PTO-MM07-1.5C	S. Steel	Export Quality	1 kg
PTO-MM07-2C	S. Steel	Export Quality	1 kg

- o Capsule kadi (SS), Sizes : 0.5, 1, 1.5, 2 inch = per kg



## D-Ring

Part Code	Material	Standard	Auxiliary Weight
PTO-MM07-0.5D	S. Steel	Export Quality	1 kg
PTO-MM07-1D	S. Steel	Export Quality	1 kg
PTO-MM07-1.5D	S. Steel	Export Quality	1 kg
PTO-MM07-2D	S. Steel	Export Quality	1 kg

- o D-Ring (SS), Sizes : 0.5, 1, 1.5, 2 inch = per kg



## Lock Tight

Part Code	Material	Standard	Part Weight
PTO-MM08	liquid Synthetic Polymer	Export Quality	50 ml

- o Lock Tight- 50 ml (Export Quality)





## RAW MATERIALS FOR P&amp;O

## Raw Materials

## Velcro Hook Loop

Part Code	Material	Standard	Part Weight	Color
PTO-MM09-0.5B	Nylon, Polyester and Polypropylene	Export Quality	400 g	Black
PTO-MM09-1B	Nylon, Polyester and Polypropylene	Export Quality	680 g	Black
PTO-MM09-1.5B	Nylon, Polyester and Polypropylene	Export Quality	805 g	Black
PTO-MM09-2B	Nylon, Polyester and Polypropylene	Export Quality	980 g	Black



- Velcro Hook Loop (0.75, 1, 1.5, 2 inch) (Black)

## Velcro Hook Loop

Part Code	Material	Standard	Part Weight	Color
PTO-MM09-1W	Nylon, Polyester and Polypropylene	Export Quality	400 g	White
PTO-MM09-1.5W	Nylon, Polyester and Polypropylene	Export Quality	680 g	White
PTO-MM09-2W	Nylon, Polyester and Polypropylene	Export Quality	980 g	White



- Velcro Hook Loop (1, 1.5, 2 inch) (White)

## Velcro Hook Loop

Part Code	Material	Standard	Part Weight	Color
PTO-MM09-1BE	Nylon, Polyester and Polypropylene	Export Quality	680 g	Beige
PTO-MM09-2BE	Nylon, Polyester and Polypropylene	Export Quality	980 g	Beige



- Velcro Hook Loop (1, 2 inch) (Beige)

## Tape/ Web

Part Code	Material	Standard	Part Weight	Color
PTO-MM10-1	Cotton / Nylon	Export Quality	400 g	Black
PTO-MM10-1.5	Cotton / Nylon	Export Quality	600 g	Black
PTO-MM10-2	Cotton / Nylon	Export Quality	800 g	Black



- Tape / Web (1, 1.5, 2 Inch) (50 meter Roll)

## Donning Sleeve

Part Code	Material	Standard	Part Weight	Color
PTO-MM11	Cotton	Export Quality	N/A	R/G/B/Y
PTO-MM11-1	Cotton	Export Quality	N/A	R/G/B/Y

- Prosthetic Socket Donning Sleeve (Size- S, M, L, XL)



## TOOLS AND HAND TOOLS

### Modular Tools

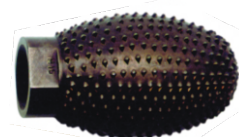
#### Rasp Graining Head

Part Code	Material	Standard	Part Weight	Rasp Head
PTO-T01-1	Cast Iron	Export Quality	300 g	Dia 36 X L40



#### Rasp Graining Head

Part Code	Material	Standard	Part Weight	Rasp Head
PTO-T01-2	Cast Iron	Export Quality	350 g	Dia 50 X L60



#### Rasp Graining Head

Part Code	Material	Standard	Part Weight	Rasp Head
PTO-T01-3	Cast Iron	Export Quality	280 g	Dia 28 X L82 - Conical



#### Sanding Drum

Part Code	Material	Standard	Part Weight	Sanding Sleeves (Grit 40, 60, 80)
PTO-T01-4	PU Rubber	Export Quality	N/A	(Dia 72.5 X L200mm)



#### Sanding Sleeves

Part Code	Material	Standard	Sanding Sleeves (Grit 40, 60, 80)
PTO-T01-5	Silicon Carbide polish paper	Export Quality	(Dia 72.5 X L200mm)
PTO-T01-6	Silicon Carbide polish paper	Export Quality	(Dia 72.5 X L200mm)
PTO-T01-7	Silicon Carbide polish paper	Export Quality	(Dia 72.5 X L200mm)



#### Taper Sanding Drum

Part Code	Material	Standard	Part Weight
PTO-T01-8	N/A	Export Quality	N/A



#### Taper Sanding Sleeves (Grit 40 / 60 / 80)

Part Code	Material	Standard	Part Weight
PTO-T01-9	Silicon Carbide polish paper	Export Quality	N/A
PTO-T01-10	Silicon Carbide polish paper	Export Quality	N/A
PTO-T01-11	Silicon Carbide polish paper	Export Quality	N/A



## TOOLS AND HAND TOOLS

### Modular Tools

#### Surform Blade (Half Round)

Part Code	Material	Standard	Part Weight
PTO-T02-1	M. Steel	Export Quality	25 g



#### Surform Blade (Round)

Part Code	Material	Standard	Part Weight
PTO-T02-2	Mild Steel	Export Quality	30 g



#### Surform Blade (Flat)

Part Code	Material	Standard	Part Weight
PTO-T02-3	M. Steel	Export Quality	50 g



#### Surform Blade Holder (Metallic)

Part Code	Material	Standard	Part Weight
PTO-T02-4	Mettle Frame	Export Quality	300 g



#### Octagonal Nylon Mandrill (BK)

Part Code	Material	Standard	Part Weight
PTO-T03-1	Nylon	Export Quality	450 g



#### Octagonal Nylon Mandrill (AK)

Part Code	Material	Standard	Part Weight
PTO-T03-2	Nylon	Export Quality	700 g



#### Octagonal Nylon Mandrill (AK + Bk)

Part Code	Material	Standard	Part Weight
PTO-T03-3	Nylon	Export Quality	700 g



#### Bending Brace Apparatus (Assembly)

Part Code	Material	Standard	Part Weight
PTO-T04-1	Hardened En 8 grade	Export Quality	1.700 kg



## TOOLS AND HAND TOOLS

### Modular Tools

#### Riveting Bar

Part Code	Material	Standard	Part Weight
PTO-T04-2	Hardened En 8 grade	Export Quality	N/A



#### Bending Bar (Double End Spanner Shape) - 4 / 8

Part Code	Material	Standard	Part Weight
PTO-T05-1	Hardened Mild Steel	Export Quality	678 g



#### Bending Bar (Double End Spanner Shape) - 6 / 10

Part Code	Material	Standard	Part Weight
PTO-T05-2	Hardened Mild Steel	Export Quality	978 g



#### Bending Bar (Double End Spanner Shape) - Set consisting of 2 no. (4/ 8mm & 6/10mm)

Part Code	Material	Standard	Part Weight
PTO-T05-3	Hardened Mild Steel	Export Quality	1652 g



#### Anvil For P&O 25kg

Part Code	Material	Standard	Part Weight
PTO-T06-1	Casting Iron	Export Quality	25 kg



#### Shoe-Maker Anvil

Part Code	Material	Standard	Part Weight
PTO-T06-2	Casting Iron	Export Quality	5.5 kg



#### Bench vice-6" (Apex Quality)

Part Code	Material	Standard	Part Weight
PTO-T07-1	Casting Iron	Export Quality	N/A



#### Prosthetic Vice

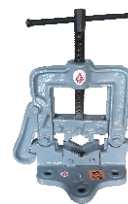
Part Code	Material	Standard	Part Weight
PTO-T07-2	Wooden and Steel	Export Quality	45 kg



## TOOLS AND HAND TOOLS

### Modular Tools

#### Pipe Vice



Part Code	Material	Standard	Part Weight
PTO-T07-3	MS Casting	Export Quality	N/A

#### Hammer (30 / 50)

Part Code	Material	Standard	Part Weight
PTO-T08-1	Casting Iron	Export Quality	N/A
PTO-T08-2	Casting Iron	Export Quality	N/A



#### Mallet Rubber Hammer

Part Code	Material	Standard	Part Weight
PTO-T08-3	Plastic Rubber	Export Quality	N/A



#### Shoemakers Hammer

Part Code	Material	Standard	Part Weight
PTO-T08-4	Casting Iron	Export Quality	N/A



#### Plaster Spatula

Part Code	Material	Standard	Part Weight
PTO-T09-1	Al	Export Quality	40 g



#### Rubber Bowl (Set of 2)

Part Code	Material	Standard	Part Weight
PTO-T09-2	Rubber	Export Quality	35 g



#### Scissors

Part Code	Material	Standard	Part Weight
PTO-T10-1	Steel Alloys	Export Quality	230 g



#### Bandage Scissor

Part Code	Material	Standard	Part Weight
PTO-T10-2	Steel	Export Quality	180 g





## TOOLS AND HAND TOOLS

### Modular Tools

#### Plaster Cast Scissor



Part Code	Material	Standard	Part Weight
PTO-T10-3	Steel	Export Quality	170 g

#### Plaster Cast Cutter



Part Code	Material	Standard	Part Weight
PTO-T10-4	S. Steel	Export Quality	N/A

#### Leather Shear



Part Code	Material	Standard	Part Weight
PTO-T10-5	Steel	Export Quality	410 g

#### Shear Cutter



Part Code	Material	Standard	Part Weight
PTO-T10-6	M. Steel	Export Quality	N/A

#### Draw Knife



Part Code	Material	Standard	Part Weight
PTO-T11-1	C. Iron	Export Quality	610 g

#### Deburring Knife (With Replacement Blade)



Part Code	Material	Standard	Part Weight
PTO-T11-2	Steel	Export Quality	N/A

#### Allen Key Set (8 Parts)



Part Code	Material	Standard	Part Weight	Width across
PTO-T12-1	Steel	Export Quality	310 g	1.5, 2, 2.5, 3, 4, 5, 6, 8 mm

#### Allen Set (T- Type)(1.5 to 10 mm)



Part Code	Material	Standard	Part Weight
PTO-T12-2	Steel	Export Quality	N/A

## TOOLS AND HAND TOOLS

## Modular Tools

## Allen Set (L- Type)(1.5 to 10 mm)



Part Code	Material	Standard	Part Weight
PTO-T12-3	Steel	Export Quality	N/A

## Screw Driver Set (Set of 8)



Part Code	Material	Standard	Part Weight
PTO-T12-4	Steel	Export Quality	1410 g

## Wooden / Plaster Chisel (Set of 2)



Part Code	Material	Standard	Part Weight
PTO-T13-1	Hardened Mild steel	Export Quality	130 g

## Center Punch



Part Code	Material	Standard	Part Weight	L
PTO-T13-2	Hardened En 8 grade	Export Quality	70 g	120 mm

## Hole Punch



Part Code	Material	Standard	Part Weight	Hole Size ø
PTO-T13-3	Hardened En 8 grade	Export Quality	40 g	2, 2.5, 3, 3.5, 4, 4.5 mm

## Revolving Hole Punch



Part Code	Material	Standard	Part Weight	Hole Punch ø
PTO-T13-4	Hardened En 8 grade	Export Quality	130 g	2, 2.5, 3, 3.5, 4, 5 mm

## Hack Saw Frame (1 pc.)



Part Code	Material	Standard	Part Weight
PTO-T14-1	Mild Steel Frame	Export Quality	350 g

## Hack Saw Blade (10 pcs)



Part Code	Material	Standard	Part Weight
PTO-T14-2	Carbide	Export Quality	22 g

## TOOLS AND HAND TOOLS

### Modular Tools

#### Hand Saw

Part Code	Material	Standard	Part Weight
PTO-T14-3	Steel	Export Quality	N/A



#### Flat File

Part Code	Material	Standard	Part Weight
PTO-T15-1	Hardened En 8 grade	Export Quality	480 g



#### Half Round File

Part Code	Material	Standard	Part Weight
PTO-T15-2	Hardened En 8 grade	Export Quality	470 g



#### Round File

Part Code	Material	Standard	Part Weight
PTO-T15-3	Hardened En 8 grade	Export Quality	430 g



#### Square File

Part Code	Material	Standard	Part Weight
PTO-T15-4	Hardened En 8 grade	Export Quality	430 g



#### Triangular File

Part Code	Material	Standard	Part Weight
PTO-T15-5	Hardened En 8 grade	Export Quality	500 g



#### Torque Wrench

Part Code	Material	Standard	Part Weight
PTO-T16-1	Scentless Steel	Export Quality	1.250 kg



#### Tap & Die set

Part Code	Material	Standard	Part Weight
PTO-T16-2	Scentless Steel	Export Quality	1 kg



## TOOLS AND HAND TOOLS

### Modular Tools

#### Outside Caliper

Part Code	Material	Standard	Part Weight
PTO-T17-1	MS	Export Quality	50 g



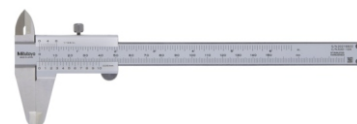
#### Inside Caliper

Part Code	Material	Standard	Part Weight
PTO-T17-2	MS	Export Quality	40 g



#### Vernier Caliper

Part Code	Material	Standard	Part Weight
PTO-T18-1	S. Steel	Export Quality	310 g



#### Vernier caliper (Digital Display)

Part Code	Material	Standard	Part Weight
PTO-T18-2	S. Steel	Export Quality	310 g



#### Micrometer

Part Code	Material	Standard	Part Weight
PTO-T19-1	Steel	Export Quality	381 g



#### Goniometer

Part Code	Material	Standard	Part Weight
PTO-T19-2	Steel	Export Quality	100 g



#### Pipe Cutter

Part Code	Material	Standard	Part Weight
PTO-T21	Steel Alloys	Export Quality	350 g



#### Combination Plier

Part Code	Material	Standard	Part Weight
PTO-T22-1	Steel Alloys	Export Quality	210 g



## TOOLS AND HAND TOOLS

### Modular Tools

#### Grip Plier

Part Code	Material	Standard	Part Weight
PTO-T22-2	Steel Alloys	Export Quality	350 g



#### Flat Nose Plier

Part Code	Material	Standard	Part Weight
PTO-T22-3	Steel Alloys	Export Quality	110 g



#### Carpenter's Plier

Part Code	Material	Standard	Part Weight
PTO-T22-4	Steel Alloys	Export Quality	150 g



#### AL / ML Caliper

Part Code	Material	Standard	Part Weight
PTO-T23	Teak Wood	Export Quality	N/A



## HAND TOOLS

#### Hand Drilling Machine

Part Code	Material	Standard	Part Weight
PTO-HT01	N/A	Export Quality	N/A

- Hand Drilling Machine (6.5mm) (Bosch Or Equivalent)



#### Hand Drilling Machine

Part Code	Material	Standard	Part Weight
PTO-HT01-1	N/A	Export Quality	N/A

- Hand Drilling Machine (10mm) (Bosch Or Equivalent)



#### Hand Drilling Machine

Part Code	Material	Standard	Part Weight
PTO-HT01-2	N/A	Export Quality	N/A

- Hand Drilling Machine (13mm) (Bosch Or Equivalent)





## TOOLS AND HAND TOOLS

### Modular Tools

#### Jig Saw Machine

Part Code	Material	Standard	Part Weight
PTO-HT02	N/A	Export Quality	N/A

- Jig-Saw Machine- 10 mm cutting depth (Bosch or Equivalent)



#### Jig Saw Machine

Part Code	Material	Standard	Part Weight
PTO-HT02-1	N/A	Export Quality	N/A

- Jig-Saw Machine- 15 mm cutting depth (Bosch or Equivalent)



#### Jig Saw Machine

Part Code	Material	Standard	Part Weight
PTO-HT02-2	N/A	Export Quality	N/A

- Jig-Saw Machine- 20 mm cutting depth (Bosch or Equivalent)



#### Hot Air Gun

Part Code	Material	Standard	Part Weight
PTO-HT03	N/A	Export Quality	N/A

- Hot Air Gun (Bosch or Equivalent)



#### Oscillator Plaster

Part Code	Material	Standard	Part Weight
PTO-HT04	N/A	Export Quality	N/A

- Oscillator Plaster/ Socket Cutter



#### Hand Sealing Iron

Part Code	Material	Standard	Part Weight
PTO-HT05	N/A	Export Quality	N/A



## MACHINERIES & EQUIPMENTS

### Machineries...

#### Electric Oven (Mini)

##### Part Code

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)

##### Part Code

PTO-MC01-2

##### Electric Oven (Medium) for Prosthetics & Orthotics (Heavy Duty with Warranty)

###### Features:

- Single/ Three Phase
- Outside Area (WxDxH) 51" x 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

**\*Digital Technical Specification- On Request.**

#### Electric Oven (Jumbo)

##### Part Code

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

### Part Code

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.**

## Router Machine (Economic Quality) (without tools)

### Part Code

PTO-MC02-1

- Router Machine - Economic Quality

#### Features:

Industrial Casting Base

Shaft adjustment range:

- Motor shaft:- 00 to 90
- Vertical shaft: 700mm to 1200mm
- Z-axis :- 3600

On / Off Switch

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)

### Part Code

PTO-MC02-2

- Router Machine - Export Quality

#### Features:

3 phase Multi Speed - Export Quality without tools

VFD flow multi- Speed router motor

- Motor Shaft: 00 to 900
- Vertical Shaft: 700mm to 1200mm
- Z axis: 3600

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.**

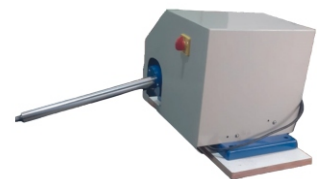


## Mini Router

### Part Code

PTO-MC02-2/1

**\*Digital Technical Specification- On Request.**



## Open Type Dust Collector (Economic)

### Part Code

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)

### Part Code

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.**





## Set of Tools for Router Machine

**Part Code**

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

**Part Code**

PTO-MC02-6

- 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

On / Off Switch

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.



\*Digital Technical Specification- On Request.

## Router Machine (Export Quality) With Open Type Dust Collector

### Part Code

PTO-MC02-7

- 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.



**\*Digital Technical Specification- On Request.**

## Router Machine (Export Quality) With Close Type Dust Collector (Export Quality)

### Part Code

PTO-MC02-8

- 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.



**\*Digital Technical Specification- On Request.**

## Router Machine (Economic) with set of Tools

### Part Code

PTO-MC02-9

- Router Machine - Economic Quality

#### Features:

Industrial Casting Base

Shaft adjustment range:

- Motor shaft:- 00 to 90
- Vertical shaft: 700mm to 1200mm.
- Z -axis :- 3600

- On / Off Switch 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.**

## Router Machine with set of Tools- Export Quality

### Part Code

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

- Motor Shaft: 00 to 900
- Vertical Shaft: 700mm to 1200mm
- 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)

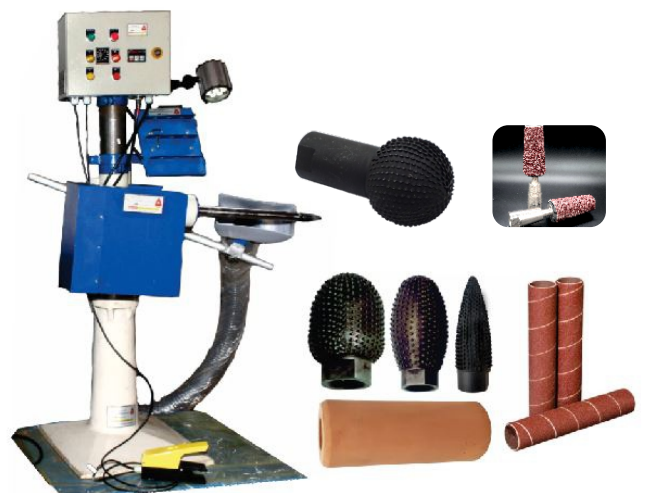
Rasp Conical Graining Head (Dia 28 mm)

Sanding Drum (D72.5 X L200 mm)

Sanding Sleeves (Grit 40)

Sanding Sleeves (Grit 60)

Sanding Sleeves (Grit 80)



**\*Digital Technical Specification- On Request.**

## MACHINERIES & EQUIPMENTS

### Machineries...

#### Vacuum Machine for Lamination (IMPORTED)

##### Part Code

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

##### Part Code

PTO-MC03-1

- 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

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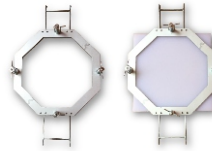


## Prosthetic Bubble Draping Set

### Part Code

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  $\frac{3}{4}$  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.**

## Vacuum Press Machine (Vacuum-Enough)

### Part Code

PTO-MC04-2

- **Key Features:**
- **Fast & Efficient:** Achieves full vacuum in just 50 seconds for items up to 100mm; supports up to 300mm length.
- **Powerful Performance:** 1 HP oil-free motor (12 bar, 760 mmHg) ensures reliable suction.
- **One-Touch Operation:** Single-key ON/OFF for user-friendly control.
- **Integrated Storage:** Lockable compartment for tools, moulds, and accessories.
- **Design & Construction:**
- **Heavy-Duty Build:** 53 kg stainless steel frame with durable 3mm rubber sealing
- **surface.**
- **Enhanced Safety:** 400x400mm foldable toughened glass cover with LED-lit vacuum bed.
- **Ergonomic & Mobile:** 20° tapered vacuum bed and 4 castor wheels for easy handling.
- **Smart Details:** Vacuum release valve, 2-meter power cable, and stacking compartment for organized storage.
- **Dimensions:** 660 x 711 x 1143 mm
- **Fabrication:** Stainless steel with lock & key storage system.



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## Orthotic Draping Set

### Part Code

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.**



## Water Bath (Inner spec:62x40x10cm)(Outer spec 69x47x20 cm)

### Part Code

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.



**\*Digital Technical Specification- On Request.**

## Air Compressor

### Part Code

PTO-MC07

- An air compressor  
A machine that takes ambient air from the surroundings and discharges it at a higher pressure.



**\*Digital Technical Specification- On Request.**

## Table Drilling Machine (12.5 mm)

### Part Code

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.**

## MACHINERIES & EQUIPMENTS

### Machineries...

#### Table Drilling Machine (19.5 mm)

##### Part Code

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)

##### Part Code

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.**



#### Combination Belt Sander-Grinder

##### Part Code

PTO-MC09-1

- **Special features:**
  - Effective sanding height of 450 mm,
  - Pneumatic belt tension,
  - Light strip on sanding belt,
  - Integrated floor extraction,
  - Extraction on sanding belt,
  - Integrated pneumatic gate valve

**\*Digital Technical Specification- On Request.**



## Combination Belt Sander-Polishing

### Part Code

PTO-MC09-2

- **Special features:**
  - Effective sanding height of 450 mm,
  - Pneumatic belt tension,
  - Light strip on sanding belt,
  - Integrated floor extraction,
  - Extraction on sanding belt,
  - Integrated pneumatic gate valve

**\*Digital Technical Specification- On Request.**



## Sewing Machine -1/2

### Part Code

PTO-MC10-1

PTO-MC10-2

- Machine Type: Electric
- Max Sewing Speed: 5000-6000 stitch/min
- Max Stitch Width: 5mm

### Description :

We are the most trusted name amongst the topmost companies in this business, instrumental in presenting Novel Automatic Sewing Machine.

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## Table Sander

### Part Code

PTO-MC11

- Weight : 11 kg
- Power : 375 W
- Voltage : 230V
- **Description :**  
(WITHOUT MOTOR ,STAND & FITTINGS)  
Bench type belt sander to be used vertically, horizontally or any where in between. 10" disc for fast stock removal

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## MACHINERIES & EQUIPMENTS

### Machineries...

#### Bench Grinder

##### Part Code

PTO-MC12

- **Special features:**  
Two corundum grinding wheels with different grit, protective hood and tool rests.

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#### Band Saw

##### Part Code

PTO-MC13

- **Description**  
With rich industry experience and knowledge, we are offering a qualitative range of Bosch Metal Cut Off Grinder.

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#### Metal Sheer Cutter

##### Part Code

PTO-MC14

- **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.**



## Work Bench with Peg Board

### Part Code

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.



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## Laser Aligner with Tripod Stand

### Part Code

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

### Part Code

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.**



## MACHINERIES & EQUIPMENTS

### Equipments...

#### AK Table Top assembly for Bubble Draping

##### Part Code

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

##### Part Code

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.**



#### AK + BK Table Top assembly for Bubble Draping

##### Part Code

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

**\*Digital Technical Specification- On Request.**



#### BK Sandwich Frame

##### Part Code

PTO-ME04-5

- BK Sandwich frame with integrated  
Handle (Hard Aluminum Anodized)

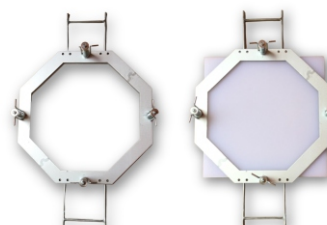


#### AK Sandwich Frame

##### Part Code

PTO-ME04-6

- AK Sandwich frame with integrated  
Handle (Hard Aluminum Anodized)



## MACHINERIES & EQUIPMENTS

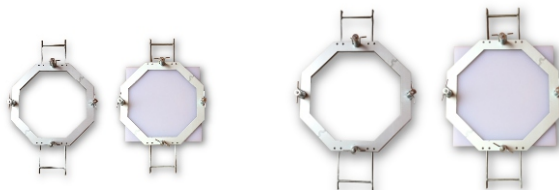
### Equipments...

#### BK+AK Sandwich Frame with integrated Handle

##### Part Code

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

##### Part Code

PTO-ME04-8

- \* Customized (As per Customer Requirement)

**\*Digital Technical Specification- On Request.**



#### Orthotic Draping Set

##### Part Code

PTO-MC04-9

- Orthotic Draping Set

**\*Digital Technical Specification- On Request.**



#### AFO/ Thigh Moulding Aluminium Cone

##### Part Code

PTO-ME05

- \* Customized (As per Customer Requirement)

**\*Digital Technical Specification- On Request.**



#### Examination Table / Couch

##### Part Code

PTO-ME06

- \* Customized (As per Customer Requirement)

**\*Digital Technical Specification- On Request.**



## Equipments...

## Examination/ Casting Chair

## Part Code

PTO-ME07

- \* Customized (As per Customer Requirement)

**\*Digital Technical Specification- On Request.**



## Casting Apparatus (Casting Frame for AK / BK)

## Part Code

PTO-ME08-1

PTO-ME08-1/2

- 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.**

Prosthetic Alignment Apparatus  
(Vertical Alignment Jig)

## Part Code

PTO-ME08-2

## Technical Applications:

- Ideal for use in prosthetic workshops, training institutions, and advanced clinical settings.
- Supports accurate alignment during:
  - ★ Bench alignment stages
  - ★ Final lamination or definitive socket fitting
  - ★ Quality control and technician training modules
  - ★ **Build Material:**
    - ★ Full body: High-grade mild steel for durability and longevity
    - ★ Base: Anti-slip chequered steel plate
    - ★ Frame: Powder-coated for rust resistance

## Product Overview:

The PTO Zero-Error Aligner-101 is a precision-engineered Vertical Alignment Apparatus designed for exact replication and transfer of prosthetic limb alignment from the trial setup to the definitive prosthesis. This device ensures consistent, reproducible results during the final assembly of lower-limb prostheses, improving both functionality and user comfort.



**\*Digital Technical Specification- On Request.**

## MACHINERIES & EQUIPMENTS

### Equipments...

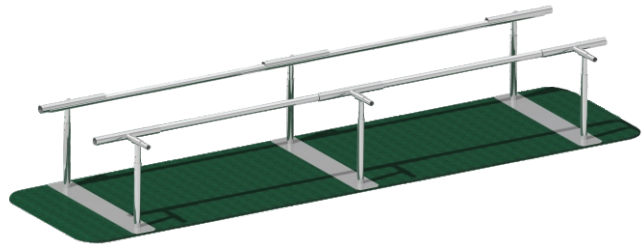
#### Parallel Bars for P&O Gait Traininga

##### Part Code

PTO-ME08-4

- \* Customized (As per Customer Requirement)

\*Digital Technical Specification- On Request.



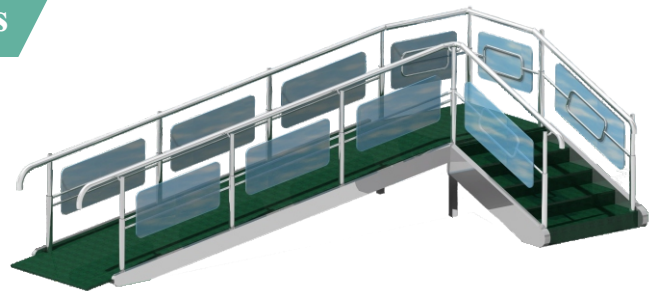
#### Stair Case and Ramp for P&O Gait Trails

##### Part Code

PTO-ME08-5

- \* Customized (As per Customer Requirement)

\*Digital Technical Specification- On Request.



#### Mirror Tr olley

##### Part Code

PTO-ME08-6

- \* Customized (As per Customer Requirement)

\*Digital Technical Specification- On Request.



#### Forming Tool

##### Part Code

PTO-ME08-7

- **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

##### Part Code

PTO-ME08-8

- **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.



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