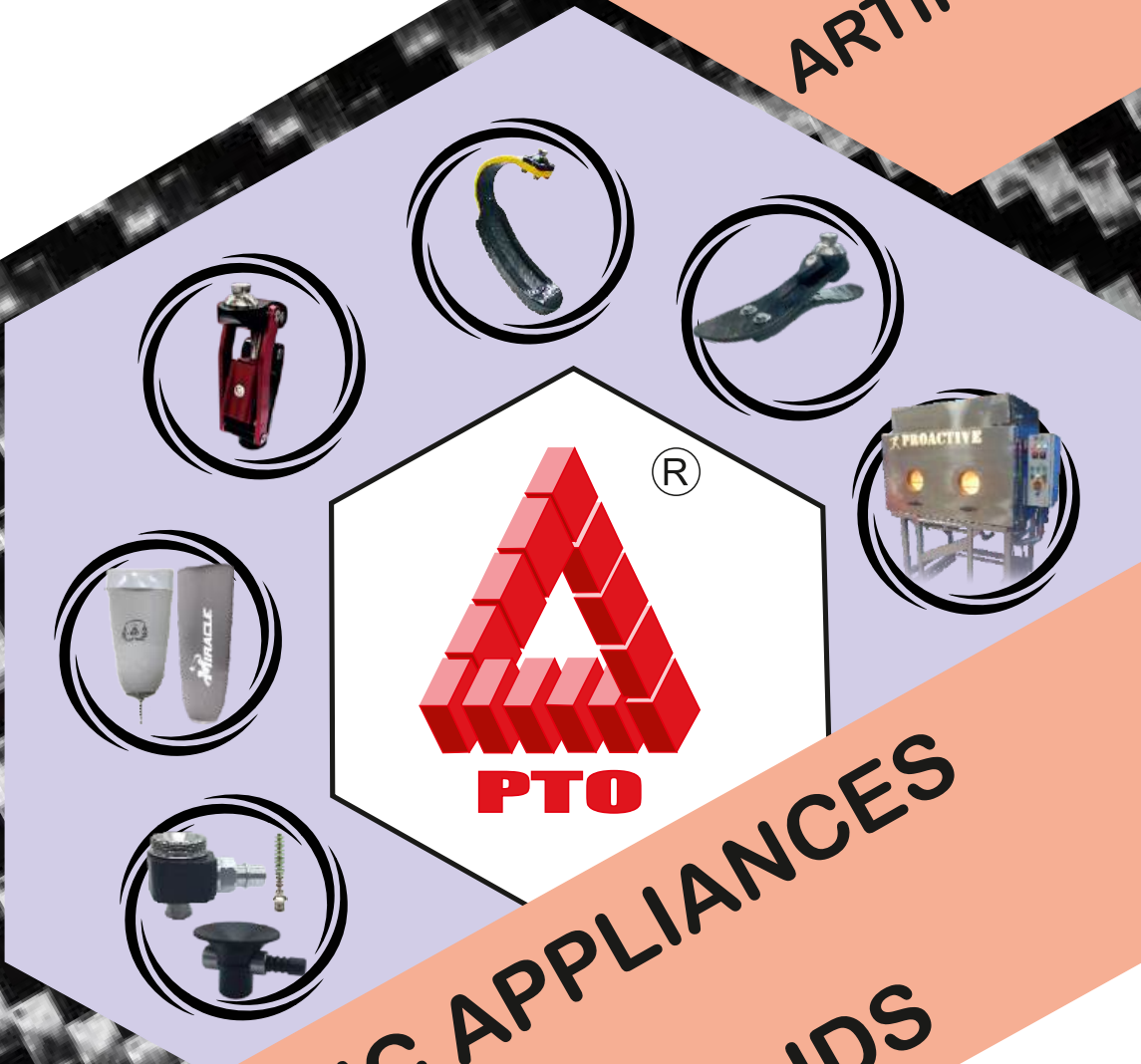


**▶ PRODUCT CATALOG
2026-27**

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.

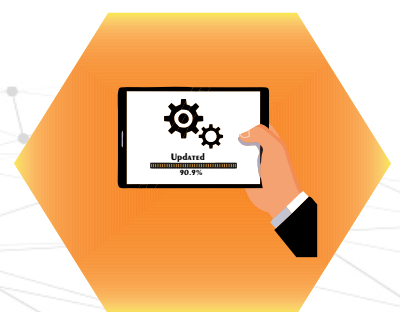
OUR VALUES



COMMITMENT



OPTIMUM QUALITY



UPDATED TECHNOLOGY



PROACTIVE

Technical Orthopaedics Pvt. Ltd.



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OUR CERTIFICATIONS...



MQA Certification
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:

MANUFACTURE, IMPORTER, EXPORTER, DISTRIBUTOR, TRADER AND CLINICAL SERVICE PROVIDER IN THE FIELD OF PROSTHETICS, ORTHOTICS AND REHABILITATION. PRODUCTS PROVIDED IN THE FIELD OF PROSTHETICS, ORTHOTICS AND REHABILITATION: METALLIC PARTS, CARBON COMPOSITE FEET (PROXIMAL SERIES), PU FEET (SPRINKLE, SAN FOOT, INER, JOWTS (GOSWAMI), GALAXY, NINETY, SILICON AND GEL, LUNDS (PROGRESSIVE), FLAME, BRISALE, COORDINANT COPY, CURVIO, LAMINATION (REINFORCY), CIVILTY, SHUTTLE LOCKS (CAMPUS, VICTOR PRO, MUSICAL, TIGERS), ORTHOTIC COMPONENTS & CUSTOM DEVICES, REHABILITATION & ASSISTIVE DEVICES, CANCER & PATIENT SOLUTIONS, SILICONE PROSTHESES, ORTHOTIC BRACES & SUPPORTS, MOBILITY AID, REHABILITATION APPLIANCES AND NON INVASIVE MEDICAL DEVICES. WORKSHOP & TECHNICAL SOLUTIONS, EQUIPMENT, RAW MATERIALS, MACHINES (IMPRESSO, OVEN, HOT AIR DRYING, ROLLERS), PRECISION TOOLS AND COMPLETE WORKSHOP SETUP SOLUTIONS, ADVANCED SYSTEMS, CAD-CAM SYSTEMS, CARVED, ROBOTIC THERAPY EQUIPMENT FOR NEURO-REHABILITATION, POSITIVE UNITS FOR DIABETIC FOOT CARE AND 3D PRINTING SOLUTIONS IN THE PAED FIELD, MEDICAL & HOSPITAL, EQUIPMENT, HOSPITAL BEDS AND MEDICAL FURNITURE WITH MECHANICAL FITTINGS.

ISO CERTIFIED
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 The Valley Rd, Nine Elm, London
SW8 5LJ, United Kingdom

To check validity of the certificate please visit at www.mqa-certification.com



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QUALITY RESEARCH ORGANIZATION
Certificate of Registration

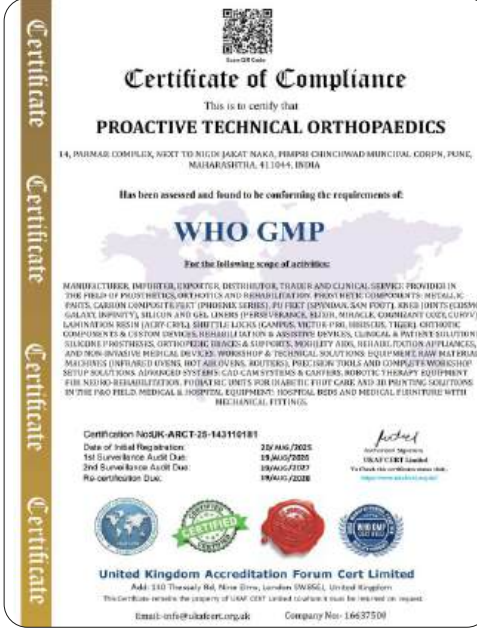
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MUNICIPAL CORPN, PUNE, MAHARASHTRA, 411044, INDIA,
has been independently assessed by QRO
and is compliant with the requirement of:
ISO 13485:2016
Quality Management System for Medical Devices
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Date of Certification: 20th August 2025
1st Surveillance Audit Due: 19th August 2026
2nd Surveillance Audit Due: 19th August 2027
Certificate Expiry: 19th August 2028

Certificate Number: 05025082069ND

QRO, EGAC, IAF, Chairman



WHO GMP
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 found to be conforming the requirements of:
WHO GMP
For the following scope of activities:

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Certification No: UK-ARCT-25-143110181
Date of initial Registration: 19/AUG/2025
1st Surveillance Audit Due: 19/AUG/2027
2nd Surveillance Audit Due: 19/AUG/2028

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UK-ARCT-25-143110182
Certificate of Compliance

This hereby declares that the technical file of the item in each product group complies with the requirement of Environmental
Standard EN ISO 13485:2016.

Manufacturer:
NAME: PROACTIVE TECHNICAL ORTHOPAEDICS
ADDRESS: 14, PARMAR COMPLEX, NEXT TO NIGDI JAKAT NAKA, PIMPRI CHINCHWAD
MUNICIPAL CORPN, PUNE, MAHARASHTRA, 411044, INDIA

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The Certificate holder has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The activity system has been assessed, approved and is subject to surveillance audits as a condition of certification. The last surveillance audit was held on 19/08/2025.

This certificate is issued under the following conditions:

- It applies only to the quality system maintained in the manufacturer of above referenced models and it does not substitute the design or type registration procedures, if required.
- The certificate remains valid until the manufacturer complies with the quality system as not challenged.
- The certificate validity is conditional by periodic renewal or surveillance audits.
- After fulfilling the above-mentioned conditions, the manufacturer shall affix to each device, of the referenced model.

The CE mark or other similar mark is used under the responsibility of the manufacturer after completion of an EC Declaration of Conformity and compliance with all relevant CE Directives. The above is based on a single declaration of conformity.

Certification No: UK-ARCT-25-143110182
Date of initial Registration: 19/AUG/2025
1st Surveillance Audit Due: 19/AUG/2027
2nd Surveillance Audit Due: 19/AUG/2028

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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:
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Quality Management System
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Date of Certification: 14th October 2025
1st Surveillance Audit Due: 13th October 2026
2nd Surveillance Audit Due: 13th October 2027
Certificate Expiry: 13th October 2028

Certificate Number: 305025101458Q

QRO, EGAC, IAF, Chairman

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-02EXQ



PTO-02-1TEC

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

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



PTO-03EXQ



PTO-03-1EXQ

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

- **PTO-04EXQ** Socket Adapter (Threaded- Flat type) with four holes.
- **PTO-04-1EXQ** Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramidal receiver.
- **PTO-04-2 EXQ** Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramid.
- **PTO-04-3 EXQ** Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramidal receiver With Base Plate (Al).
- **PTO-04-4 EXQ** Socket Adapter (Threaded- Flat type) with four holes, and inner rotatable pyramid With Base Plate (Al).



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

- **PTO-05EXQ** Trans- Femoral Socket Adapter, Three Prong with threaded connector.
- **PTO-05-1EXQ** Trans- Femoral Socket Adapter, Three Prong with threaded connector with rotatable pyramidal receiver. With adjustment set screws M8x12.
- **PTO-05-2EXQ** Trans- Femoral Socket Adapter, Three Prong with threaded connector with rotatable pyramid. With adjustment set screws M8x12.



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

- **PTO-06EXQ** Four leg Lamination Anchor with threaded connector.
- **PTO-06-1EXQ** Four leg Lamination Anchor with threaded connector and rotatable pyramidal receiver. With adjustment set screws M8x12.
- **PTO-06-2EXQ** Four leg Lamination Anchor with threaded connector and rotatable pyramid With adjustment set screws M8x12.



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

- **PTO-07EXQ** Plastic Socket Adapter for Thermoplastic Socket.
- **PTO-07-1ECO** Plastic Socket Adapter for Thermoplastic Socket. Socket Adapter (Fix Pyramidal- Flat type) with four holes. PTO-02ECO
- **PTO-07-1EXQ** Plastic Socket Adapter for Thermoplastic Socket. Socket Adapter (Fix Pyramidal- Flat type) with four holes. PTO-02EXQ
- **PTO-07-2EXQ** Plastic Socket Adapter for Thermoplastic Socket. Socket Adapter (Pyramidal Receiver- Flat type) with four holes. PTO-03EXQ
- **PTO-07-3EXQ** Plastic Socket Adapter for Thermoplastic Socket. Socket Adapter (Flat Plate type- Threaded Socket Adapter with Rotatable Pyramidal receiver) with four holes PTO-04-1EXQ.
- **PTO-07-4EXQ** Plastic Socket Adapter for Thermoplastic Socket. 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 Draping Socket Adapter with aluminum serrated Base plate

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 Receiver Draping Socket Adapter with aluminum serrated Base plate

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

Quick Disconnecter

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-10EXQ	S.S	344 gm	Export Quality	140 kg



PTO-10EXQ

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.



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.



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. 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.
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.
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)
Both side Pyramid Receiver, dia 30 mm
With 4 adjustment set screws M8x12.



Below Knee Pylon (BK)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-21ECO	Al & C. Steel	185 g	Economic	100 kg
PTO-21EXQ	Al & S. Steel	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

- **PTO-21ECO** = Consist of Short (200mm) Aluminium alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Casting Steel Adapter.
- **PTO-21EXQ** = Consist of Short (200mm) Aluminium alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Stainless Steel Adapter.
- **PTO-21EXTE** = Consist of Short (200mm) Aluminium alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Titanium Adapter.
- **PTO-21TEC** = Consist of Short (200mm) Carbon alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Titanium Adapter.



PTO-21ECO



PTO-21EXQ



PTO-21EXTE



PTO-21TEC

Above Knee Pylon (AK)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-22ECO	Al & C. Steel	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

- **PTO-22ECO** = Consist of Long (200mm) Aluminium alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Casting Steel Adapter.
- **PTO-22EXQ** = Consist of Long (200mm) Aluminium alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Stainless Steel Adapter.
- **PTO-22EXTE** = Consist of Long (200mm) Aluminium alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Titanium Adapter.
- **PTO-22TEC** = Consist of Long (200mm) Carbon alloy tube Pylon (inner dia = 30mm) with Integrated (pasted) Titanium Adapter.



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

- **PTO-24-1** Rotatable Pyramidal Receiver Inner (Threaded) With 4 adjustment set screws M8x12.
- **PTO-24-2** Rotatable Pyramid Inner (threaded)
- **PTO-24-3** Rotatable Pyramidal Receiver Inner (Threaded) With 4 adjustment set screws M8x8.
- **PTO-24-4** 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.



PTO-25

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	For Size
PTO-27-1	C. Steel	125 g	Export Quality	80 kg	23,24,25
PTO-27-2	C. Steel	230 g	Export Quality	80 kg	26,27
PTO-27-3	Al & C. Steel	250 g	Export Quality	100 kg	23,24,25
PTO-27-4	Al & C. Steel	260 g	Export Quality	100 kg	26,27

- Single-Axis Ankle Joint (Two-Pin) for SAM Foot 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	S.S + Delrin & Al	230 g	Export Quality	100 kg
PTO-31-1	S.S + Delrin & Al	260 g	Export Quality	100 kg
PTO-31-2	S.S + Delrin & Al	349 g	Export Quality	100 kg
PTO-31-B	S.S + Delrin & Al	370 g	Export Quality	100 kg
PTO-31-3	S.S + Delrin & Al	366 g	Export Quality	100 kg
PTO-31-4	S.S + Delrin & Al	370 g	Export Quality	100 kg

- **PTO-31-A=** Victor-Pro Shuttle Lock Pyramidal.
- **PTO-31-1=** Victor-Pro Shuttle Lock (with Pyramid), & Three leg Socket Adapter (PTO- 05EXQ).
- **PTO-31-2=** Victor-Pro Shuttle Lock (with Pyramid), & Four leg Socket Adapter (PTO-06EXQ).
- **PTO-31-B=** Victor-Pro Shuttle Lock with Pyramidal Receiver.
- **PTO-31-3=** Victor-Pro Shuttle Lock (with Pyramid Receiver), & Three leg Socket Adapter (PTO- 05EXQ).
- **PTO-31-4=** Victor-Pro Shuttle Lock (with Pyramid Receiver), & Four leg Socket Adapter (PTO-06EXQ).
- 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	100 kg
PTO-34-0	Nylon	154 g	Export Quality
PTO-34-1	Delrin & Al	280 g	Export Quality	100 kg
PTO-34-2	Delrin & Al	279 g	Export Quality	100 kg
PTO-34-3	Delrin & Al	312 g	Export Quality	100 kg
PTO-34-4	Delrin & Al	310 g	Export Quality	100 kg



PTO-34



PTO-34-0

- **PTO-34**= Campus Clutch Shuttle Lock.
- **PTO-34-0**= Dummy for Campus Clutch Shuttle Lock.
- **PTO-34-1**= Campus Clutch Shuttle Lock & Flat type- Pyramidal Socket Adapter (PTO-02EXQ).
- **PTO-34-2**= Campus Clutch Shuttle Lock & Flat type- Pyramidal Receiver Socket Adapter (PTO-03EXQ).
- **PTO-34-3**= Campus Clutch Shuttle Lock & Socket Adapter (Threaded-Flat type) with four holes, and inner rotatable pyramidal receiver (PTO-04-1EXQ).
- **PTO-34-4**= Campus Clutch Shuttle Lock & 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

Bulldog Shuttle Lock

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-33	Delrin	192 g	Export Quality	120 kg

- **High Strength & Durability** – Designed with precision for long-lasting performance.
- **Smooth Locking Mechanism** – Ensures easy donning & doffing for patients.
- **Compact & Lightweight** – Adds comfort without extra bulk.
- **Universal Compatibility** – Fits most prosthetic sockets with liner + pin system.
- **Enhanced Safety** – Provides firm suspension and peace of mind for active users.



PTO-33

Bulldog Shuttle Lock with Guide Grooves

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-35	Delrin	198 g	Export Quality	120 kg

- **High Strength & Durability** – Designed with precision for long-lasting performance.
- **Smooth Locking Mechanism** – Ensures easy donning & doffing for patients.
- **Compact & Lightweight** – Adds comfort without extra bulk.
- **Universal Compatibility** – Fits most prosthetic sockets with liner + pin system.
- **Enhanced Safety** – Provides firm suspension and peace of mind for active users.



PTO-35

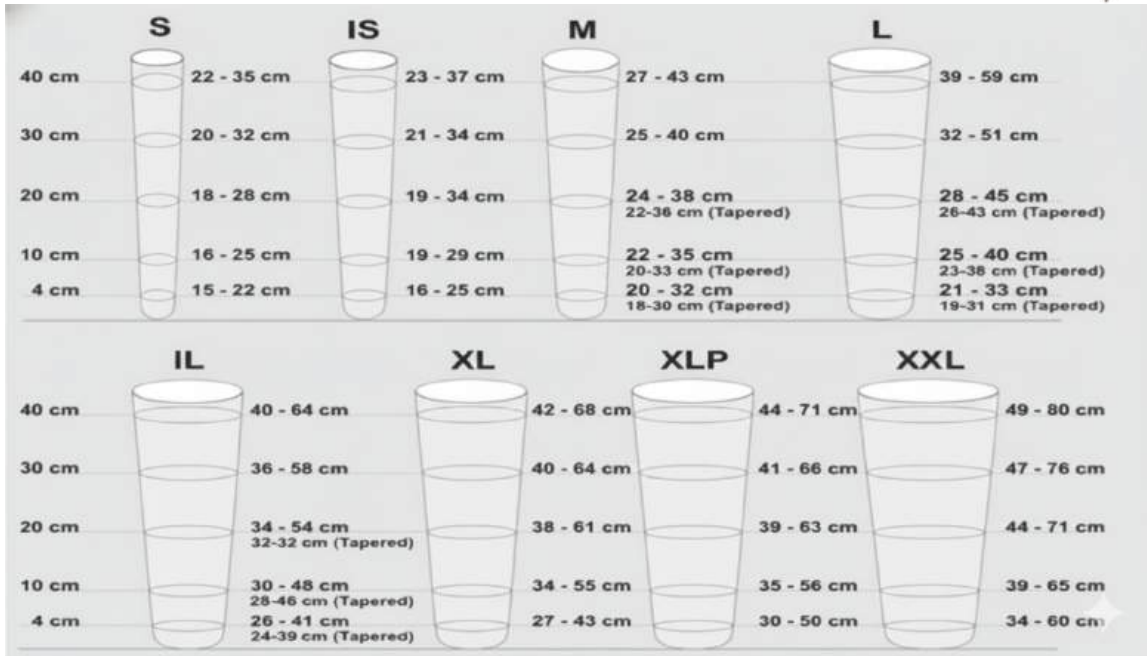
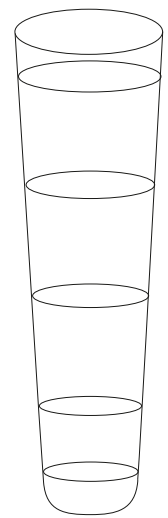
PROSTHETIC COMPONENTS

Modular Silicon Liners

Cognizant Cozy Gel Liners

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

	3mm	6mm
Size	L/C	L/C
S	250 gm	291gm
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) Liners
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist with for fitting
- Wider distal end for ease of doffing
- Distal ends are proportionate to the size of the liner
- Available in thicknesses (3mm & 6mm) uniform

Description:

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

PROSTHETIC COMPONENTS

Perseverance Silicon Liners

Modular Silicon Liners

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

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



Recommendation:

- Silicon (Locking & Cushion) Liners.
- Limited vertical stretch reduces movement of redundant tissue
- High circumferential stretch to assist 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.

Properties:

- Standardly approx 10cm matrix
- high stability by using 2mm DuraSil Silicone
- textile fabric for easing donning
- reduced pistoning by the matrix
- suitable for nearly all locking devices

Application:

- For BK & AK Stumps
- Mobility Class - 2-4
- integrated outside matrix
- Length Approx: 38cm

Aloe Vera Dia-Care Silicon Liners

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

Properties:

- Standardly approx 10cm matrix
- High stability by using (3mm & 6mm) DuraSil Silicone
- Textile fabric for easing donning
- Reduced pistoning by the matrix
- Suitable for nearly all locking devices

Application:

- For BK & AK Stumps
- Mobility Class - 2-4
- integrated outside matrix
- Length Approx: 38cm

PROSTHETIC COMPONENTS

Modular Silicon Liners

Anti- Bacterial Silicon Liners

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

Properties:

- Standardly approx 10cm matrix
- High stability by using (3mm & 6mm) DuraSil Silicone
- Textile fabric for easing

donning

- Reduced pistoning by the matrix
- Suitable for nearly all locking devices

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.

Application:

- For BK & AK Stumps
- Mobility Class - 2-4
- integrated outside matrix
- Length Approx: 38cm

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-01 (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-02 (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-03 (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-04 (Manual locking with exchangeable extension assist spring mechanism)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J04	C. Steel	590 g	Export Quality	100 kg

- **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



PTO-J04

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



PTO-J05

Cosmos-06 (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

- **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



PTO-J06

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-07 (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

- **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



PTO-J07

Cosmos-08 (Mechanical Polycentric Knee Joint with Rotator (KENDALL))

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J08	Al	700 g	Export Quality	100 kg

- **Features:**

- Top Rotator Design
- Friction Swing Phase Control
- Extension Spring Adjustment
- Knee Protection Cover Design
- Flexion Angle - 145°



PTO-J08

Cosmos-09 (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

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-10 (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

Cosmos-10-A 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-J10-A	Al	600 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-A

Cosmos-11 (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

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Cosmos-12 (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-P-1&P-2 (Four Bar Pneumatic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J13AL-P1	Al	800 g	Export Quality	100 kg
PTO-J13AL-P2	Al	800 g	Export Quality	100 kg

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



PTO-J13AL-P1



PTO-J13AL-P2

Galaxy-P-3 (Five Bar Pneumatic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J14AL	Al	1030 g	Export Quality	125 kg

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



PTO-J14AL

Galaxy-P-4&P-5 (Five Bar Pneumatic Knee Joint)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J14AL-P	Al	800 g	Export Quality	120 kg
PTO-J14AL-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-J14AL-P



PTO-J14AL-P-KD

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Pneumatic Polycentric Knee Joint with Pyramid. (KENDAL)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J15	Al	750 g	Export Quality	100 kg

Features:

- Extension / Flexion Adjustment
- Pneumatic Swing Phase Control
- Extension Assist
- Stability Adjustment
- Flexion Angle - 145°



PTO-J15

Pneumatic Polycentric Knee Joint with Rotator (KENDAL)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J16	Al	934 g	Export Quality	100 kg

Features:

- Top Rotator Design
- Extension / Flexion Adjustment
- Pneumatic Swing Phase Control
- Extension Assist
- Flexion Angle - 145°



PTO-J16

Hydraulic Knee Joint - Single Axis (KENDAL)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J22	Al	886 g	Export Quality	100 kg

Features:

- Brake Sensitivity Adjustment
- Extension Spring Adjustment
- Extension / Flexion Adjustment
- Weight Activated Stance Control
- Easy To Replace Hydraulic Cylinder
- Flexion Angle - 145°



PTO-J22

Six Bar Linkage EBS Hydraulic Knee Joint

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J23	Aircraft-Grade Aluminum-Magnesium Alloy	960 gm	Export Quality	125 kg

Features:

- This Joint has EBS function during the stance phase, which reduces the vibration of the stump with the ground at the moment of landing and increases the aesthetics and comfort.
- This Joint is equipped with a manual safety lock mode, which provides excellent safety during the initial adaptation of the prosthesis and when walking on complex surfaces.
- Independent hydraulic cylinder design, 10 levels of adjustable flexion and extension damping, suitable for 1-3 levels of activity.
- This Joint is waterproof and resistant to freshwater, seawater and chlorinated water
- The Joint with low-temperature resistance to ensure normal use in temperatures as low as -40°C.



PTO-J23

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

Hydropneumatic Joint

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-J24	Aluminium	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.



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

PROSTHETIC KNEE JOINT

Modular Prosthetic Knee Joint

ALLUX 2 (MPK) Microprocessor-Controlled 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 KITS

Modular Below Knee Kits

Below Knee Kit - (Economic, Export Quality, Semi Export & Titanium)

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

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



PTO-BKECO



PTO-BKEXQ



PTO-BK-EXTE



PTO-BKTEC

Below Knee Kit - (BKECO02-1, BKEXQ02-1)

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

- **Below Knee Economic Kit - (PTO-ECO02-1) includes-** Socket Adapter (Fix Pyramidal- Flat type) with four holes, Base plate & attached Screws. (PTO-02-1ECO), Adapter to clamp the tube (PTO-11ECO), Short Pylon with integrated adapter (PTO-21ECO), Foot adapter (PTO-26ECO).
- **Below Knee Export Quality Kit - (PTO-EXQ02-1) includes-** Socket Adapter (Fix Pyramidal- Flat type) with four holes, Base plate & attached Screws. (PTO-02-1EXQ), Adapter to clamp the tube (PTO-11EXQ), Short Pylon with integrated adapter (PTO-21EXQ), Foot adapter (PTO-26EXQ).



PTO-BKECO02-1



PTO-BKEXQ02-1

Below Knee Kit - (BKEXQ04-4)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BKEXQ04-4	S. Steel	458 gm	Export Quality	100 kg

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

PROSTHETIC KITS

Modular Below Knee Kits

Below Knee Kit- (ECO07-1, EXQ07-1)

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

- **Below Knee Economic Kit - (PTO-BKECO07-1) includes-** Plastic Socket Adapter with Flat type- Pyramidal Socket Adapter (PTO-07-1EXQ), Adapter to clamp the tube (PTO-11ECO), Short Pylon with integrated adapter (PTO-21ECO), Foot adapter (PTO-26ECO).
- **Below Knee Export Quality Kit - (PTO-BKEXQ07-1) includes-** Plastic Socket Adapter with Flat type- Pyramidal Socket Adapter (PTO-07-1EXQ), Adapter to clamp the tube (PTO-11EXQ), Short Pylon with integrated adapter (PTO-21EXQ), Foot adapter (PTO-26EXQ).



PTO-BKECO07-1



PTO-BKEXQ07-1

Below Knee Kit- (ECO08, EXQ08)

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

- **Below Knee Economic Kit - (PTO-BKECO08) includes-** Pyramidal Socket Adapter for Draping(PTO-08ECO) Adapter to clamp the tube (PTO-11ECO). Short Pylon with integrated adapter (PTO-21ECO), Foot adapter (PTO-26ECO).
- **Below Knee Export Quality Kit - (PTO-BKEXQ08) 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 gm	Export Export	100 kg

- **Below Knee Export Quality Kit - (PTO-BKEXQ09) includes-** Pyramidal Socket Adapter for Drapping (PTO-09EXQ), Pyramidal tube clamp Adapter(PTO-12EXQ), Short Pylon with integrated adapter(PTO-21EXQ), Foot adapter(PTO-26EXQ).



PTO-BKEXQ09

PROSTHETIC KITS

Modular Below Knee Kits

Below Knee Kit- BKEL-1 / BKEL-2

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-BK-EL-1	S. Steel	1250 gm	Export Quality	100 kg
PTO-BK-EL-2	Ti. Steel	1110 gm	Elite Class	125 kg

- **Below Knee Export Quality Kit - (PTO-BK-EL-1) includes-** Short Pylon with Integrated Adapter (200 mm) (PTO-21EXQ), Campus Clutch Shuttle Lock with Pin (PTO-34), Perseverance Silicon Liner (PTO-37SLL), Flat Type - Pyramidal Socket Adapter (PTO-02EXQ), PHOENIX Carbon Foot (Activity 2 - Low ankle).
- **Below Knee Titanium Kit - (PTO-BK-EL-2) includes-** Short Pylon with Integrated Adapter (200 mm) (PTO-21TEC), Campus Clutch Shuttle Lock with Pin (PTO-34), Perseverance Silicon Liner (PTO-37SLL), Flat Type - Pyramidal Socket Adapter (PTO-02TEC), 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 gm	Economic	100 kg
PTO-AKEXQ01	C. Steel, S. Steel & Al	1289 gm	Export Quality	120 kg

- **PTO-AKECO01 consists of-**
- Knee Joint - Single Axis (PTO - J01) Constant friction.
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ)
- Adapter to clamp the tube (PTO-11ECO)
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO)
- Foot adaptor with Bolt (PTO-26ECO)
- **PTO-AKEXQ01 consists of-**
- Knee Joint - Single Axis (PTO - J01) Constant friction.
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Adapter to clamp the tube (PTO-11EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).



PTO-AKECO01



PTO-AKEXQ01

Above Knee Kit With J02 (ECO/EXQ)

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

- **PTO-AKECO02 consists of-**
- Knee Joint- Single Axis (PTO -J02) Load actuated breaking mechanism.
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Adapter to clamp the tube (PTO-11ECO).
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO).
- Foot adaptor with Bolt(PTO-26ECO).
- **PTO-AKEXQ02 consists of-**
- Knee Joint- Single Axis (PTO -J02) Load actuated breaking mechanism.
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Adapter to clamp the tube (PTO-11EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ)
- Foot adaptor with Bolt(PTO-26EXQ).



PTO-AKECO02



PTO-AKEXQ02

PROSTHETIC KITS

Modular Above Knee Kits

Above Knee Kit With J03 (ECO/EXQ)

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

- **PTO-AKECO03 consists of-**
- Knee Joint - Single Axis (PTO-J03) Manual Locking Mechanism.
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Adapter to clamp the tube (PTO-11ECO).
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22ECO).
- Foot adaptor with Bolt (PTO-26ECO).
- **PTO-AKEXQ03 consists of-**
- Knee Joint - Single Axis (PTO-J03) Manual Locking Mechanism.
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Adapter to clamp the tube (PTO-11EXQ).
- Long Pylon with Integrated Adapter (Pyramidal receiver type) (400mm). With aluminum alloy tube 30 mm. (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).



PTO-AKECO03



PTO-AKEXQ03

Above Knee Kit- J05 Joint (ECO/EXQ)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO05	C. Steel & Al	1329 gm	Economic	90 kg
PTO-AKEXQ05	C. Steel, S. Steel & Al	1134 gm	Export Quality	120 kg

- **PTO-AKECO05 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-05-1EXQ).
- Adapter to clamp the tube (PTO-11ECO).
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO).
- Foot adaptor with Bolt (PTO-26ECO).
- **PTO-AKEXQ05 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-05-1EXQ).
- Adapter to clamp the tube (PTO-11EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).



PTO-AKECO05



PTO-AKEXQ05

PROSTHETIC KITS

Modular Above Knee Kits

Through Knee Kit- J06 Joint (ECO/EXQ)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-TKECO06	C. Steel & Al	1320 gm	Economic	100 kg
PTO-TKEXQ06	C. Steel, S. Steel & Al	1305 gm	Export Quality	100 kg

- **PTO-TKECO06 (Through Knee Kit) consists of-**
- Knee Joint- Polycentric knee disarticulation joint with J shape socket adaptor (PTO- J06).
- Adapter to clamp the tube (PTO-11ECO).
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO).
- Foot adaptor with Bolt (PTO-26ECO).
- **PTO-TKEXQ06 (Through Knee Kit) consists of-**
- Knee Joint- Polycentric knee disarticulation joint with J shape socket adaptor (PTO- J06).
- Adapter to clamp the tube (PTO-11EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).



PTO-TKECO06



PTO-TKEXQ06

Above Knee Kit- J09 Joint (ECO/EXQ)

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AKECO09	C. Steel & Al	1229 gm	Semi Export	100 kg
PTO-AKEXQ09	C. Steel, S. Steel & Al	1214 gm	Export Quality	100 kg

- **PTO-AKECO09 consists of-**
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J09).
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO).
- Foot adaptor with Bolt (PTO-26ECO).
- **PTO-AKEXQ09 consists of-**
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J09).
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).



PTO-AKECO09



PTO-AKEXQ09

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	1274 gm	Economic	100 kg
PTO-AKEXQ10	S. Steel & Al	1276 gm	Export Quality	100 kg

- **PTO-AKECO10 consists of-**
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J10).
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22ECO).
- Foot adaptor with Bolt (PTO-26ECO).
- **PTO-AKEXQ10 consists of-**
- Polycentric Knee Joint (integrated spring loaded extension assist mechanism with pyramidal top and lower end is integral tube adaptor) (PTO-J10).
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).



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	1344 gm	Export Quality	100 kg
PTO-AKELTPN	C. Steel, Al & Ti	1359 gm	Elite Class	100 kg

- **PTO-AKEXQPN consists of-**
- Polycentric Pneumatic Knee Joint (PTO-J13Al-P2).
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22EXQ).
- Foot adaptor with Bolt (PTO-26EXQ).
- **PTO-AKELTPN consists of-**
- Polycentric Pneumatic Knee Joint (PTO-J13Al-P2).
- Three Prong Socket adapter for Direct Lamination with rotatable pyramidal receiver (PTO-05-1EXQ).
- Long Pylon with Integrated Adapter (400mm) (PTO-22TEC)
- Foot adaptor with Bolt (PTO-26TEC)



PTO-AKELTPN



PTO-AKEXQPN

Above Knee Kit

Part Code	Material	Part Weight	Standard	Body Weight Limit
PTO-AK-EL-1	S. Steel, Carbon & Al	1875 gm	Export Quality	100 kg
PTO-AK-EL-2	S. Steel, Carbon & Al	2150 gm	Export Quality	100 kg
PTO-AK-EL-3	S. Steel, Carbon & Al	1955 gm	Export Quality	100 kg

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

- **PTO-AK-EL-2 (Includes) -**
- Four Bar Pneumatic Knee Joint (PTO-J13AL-P2).
- Long Pylon with Integrated Adapter (400 mm) (PTO-22EXQ).
- Campus Clutch Shuttle Lock (PTO-34).
- Perseverance Silicon Liner (PTO-37SLL).
- Threaded Socket Adapter (Flat Plate type with rotatable pyramidal receiver) (PTO-04-1EXQ).
- PHOENIX Carbon Foot (Activity 2 - Low ankle).

- **PTO-AK-EL-3 (Includes) -**
- Single Axis Hydraulic Knee Joint KENDALL (PTO-J22).
- 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 FEET

Modular Prosthetic PU Feet

Spandan (PU SACH) Feet

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-FL-C	Poly Urethane	Left	Narrow	Export Quality	45 Kg	Cinnamon
PTO-FR-C	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-T	Poly Urethane	Left	Narrow	Export Quality	45 Kg	Terra
PTO-FR-T	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.
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PROSTHETIC FEET

Modular Prosthetic PU Feet

Spandan (PU SACH) Feet

Part Code	Material	Feet Side	Shape	Standard	Body Weight Limit	Color
PTO-FL-C	Poly Urethane	Left	Narrow	Export Quality	80/100 Kg	Cinnamon
PTO-FR-C	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-T	Poly Urethane	Left	Narrow	Export Quality	80/100 Kg	Terra
PTO-FR-T	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-C	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Cinnamon
PTO-SAM-R-C	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-T	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Terra
PTO-SAM-R-T	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-C	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Cinnamon
PTO-SAM-AJ-R-C	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-T	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Terra
PTO-SAM-AJ-R-T	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-C	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Cinnamon
PTO-SAM-ALAJ-R-C	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-T	Poly Urethane	Left	Narrow	Export Quality	100 Kg	Terra
PTO-SAM-ALAJ-R-T	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	Side	Material	Standard	Body Weight
PTO-SF-L	Left	Poly Urethane	Export Quality	80 kg
PTO-SF-R	Right	Poly Urethane	Export Quality	80 kg

Size	23	24	25	26	27

- **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.



Spectra Socks

Part Code	Material	Standard	Color	Size
PTO-SS	Special Fiber Glass	Export Quality	White	Universal

Technical:

- Spectra Sock made by special Fiber Glass material.
- High wear resistance.
- Suitable for all kind of carbon feet.



PROSTHETIC FEET

Modular Prosthetic PU Feet

**PHOENIX K2 - Carbon keel With Foot Shell & Spectra Socks
(Low & High Ankle) Weight Limit upto 80 kg.**

Part Code	Material	Type	Body Weight
PTO-CF-LA80	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Left	upto 80 kg
PTO-CF-HA80	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Right	upto 80 kg

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

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



Low



High

- **Features and Benefits:**
- Dynamic Heel
- Sandal Toe Design
- Split Carbon Keel
- ±5° Torsion of Pyramid
- ±10° Inversion & Eversion
- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Waterproof
- Weather friendly

**PHOENIX K2 - Carbon keel With Foot Shell & Spectra Socks
(Low & High Ankle) Weight Limit upto 100 kg.**

Part Code	Material	Type	Body Weight
PTO-CF-LA100	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Left	upto 100 kg
PTO-CF-HA100	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Right	upto 100 kg

Low Ankle	Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
	Weight							

High Ankle	Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
	Weight							



Low



High

- **Features and Benefits:**
- Dynamic Heel
- Sandal Toe Design
- Split Carbon Keel
- ±5° Torsion of Pyramid
- ±10° Inversion & Eversion
- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Waterproof
- Weather friendly

PROSTHETIC FEET

Modular Prosthetic PU Feet

**PHOENIX K2/3 - Carbon keel With Foot Shell & Spectra Socks
(Low & High Ankle) Weight Limit upto 125 kg.**

Part Code	Material	Type	Body Weight
PTO-CF-LA125	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Left	upto 125 kg
PTO-CF-HA125	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Right	upto 125 kg

Low Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight							

High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight							

- **Features and Benefits:**
- Dynamic Heel
- Sandal Toe Design
- Split Carbon Keel
- ±5° Torsion of Pyramid
- ±10° Inversion & Eversion
- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Waterproof
- Weather friendly



**PHOENIX K3/4 - Carbon keel With Foot Shell & Spectra Socks
(Low & High Ankle) Weight Limit upto 146 kg.**

Part Code	Material	Type	Body Weight
PTO-CF-LA146	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Left	upto 146 kg
PTO-CF-HA146	Carbon Keel=Carbon & S.S Ankle Foot Shell = PU	Right	upto 146 kg

Medium Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight							

High Ankle

Size	22cm	23cm	24cm	25cm	26cm	27cm	28cm
Weight							

- **Features and Benefits:**
- Dynamic Heel
- Sandal Toe Design
- Split Carbon Keel
- ±5° Torsion of Pyramid
- ±10° Inversion & Eversion
- High energy return
- Progressive forefoot dynamics
- Lightweight and smooth gait
- Waterproof
- Weather friendly



PROSTHETIC FEET

Modular Prosthetic PU Feet

PTO'S - FLEETCLAW BLADE Activity 4

Part Code	PTO-RB1	PTO-RB2	PTO-RB3	PTO-RB4	PTO-RB5	PTO-RB6	PTO-RB7	PTO-RB8	PTO-RB9
Size	1	2	3	4	5	6	7	8	9
Load Bearing Range	37-44kg	45-52kg	53-59kg	60-68kg	69-77kg	78-88kg	89-100kg	101-116kg	117-130kg

- **Features:**
- **Energy-Storing Design:** The carbon fibre running blade is engineered to store mechanical energy during the stance phase and release it during push-off, effectively mimicking the spring action of a natural foot.
- **High-Performance Material:** Made of lightweight, high-strength carbon fibre, the blade offers exceptional durability, flexibility, and energy return while minimizing weight.
- **Shock Absorption and Energy Dissipation:** The curved structure absorbs impact forces and efficiently dissipates energy, reducing strain on the residual limb and improving comfort.
- **Optimized for Symmetry and Efficiency:** The design promotes near-symmetric step lengths and efficient gait dynamics across various speeds, enabling smoother transitions from walking to sprinting.



Symes / Chopart Carbon Keel (with Adapter)

Part Code	Material	Keel Side	Shape	Body Weight
PTO-SCCF-L	PU & Carbon & S.Steel	Universal	Regular	upto 147 kg
PTO-SCCF-R	PU & Carbon & S.Steel	Universal	Regular	upto 147 kg

Size	23	24	25	26	27
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- Available with Spectra Socks & PU Foot Shell.



Symes / Chopart Carbon Plate (without Adapter)

Part Code	Material	Keel Side	Shape	Body Weight
PTO-CP-L	PU & Carbon	Universal	Regular	upto 80 kg
PTO-CP-R	PU & Carbon	Universal	Regular	upto 80 kg

Size	23	24	25	26	27
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- Available with Spectra Socks & PU Foot Shell.



PROSTHETIC FEET

Modular Prosthetic PU Feet

Carbon Multi Ankle

Part Code	Material	Type	Body Weight
PTO-CMA-L	PU & Carbon & S.Steel	Left	upto 90 kg
PTO-CMA-R	PU & Carbon & S.Steel	Right	upto 90 kg

Size	23	24	25	26	27	28
Weight						



- Available with Spectra Socks & PU Foot Shell.
- Recommended for unilateral or bilateral amputees.

Jaipur Foot

Part Code	Material	Shape	Standard	Body Weight
PTO-JPL	Vulcanized Rubber	Wide-Toe	Economic	upto 80 kg
PTO-JPR	Vulcanized Rubber	Wide-Toe	Economic	upto 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
- Four bar linkage mechanism
- Suitable with pediatric tube
- Stance face stability



Child 4 Prong BK Socket Adapter

Part Code	Material	Standard	Part Weight	Body Weight Limit
PTO-CH02	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-CH03	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-CH04	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-CH04-1	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-CH05	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-CH05-1	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-CH06	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)
 - With mechanical extension assist
 - 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-CH02)
 - Adapter to clamp the tube (PTO-CH03)
 - Pylon with integrated adaptor (PTO-CH07)
 - Foot adapter (PTO-CH06)



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-CH04-1)
 - Polycentric knee joint (PTO-CH01)
 - Pylon with integrated adaptor (PTO-CH07)
 - Foot adapter (PTO-CH06)



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 gm	Left
PTO-BE-01RA	AI & PU	Economic	650 gm	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 gm	Left
PTO-BE-01RC	AI & PU	Economic	550 gm	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 gm	Left
PTO-AE-02RA	AI & PU	Economic	950 gm	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	N/A	Left
PTO-AE-02RC	AI & PU	Economic	N/A	Right

- PU Rubber Gloves, With Harness system with Mechanical elbow



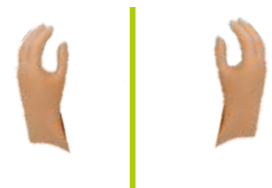
PU Hand Gloves (Adult)

Part Code	Material	Standard	Part Weight	Side
PTO-PUG-LA	PU	Economic	76 gm	Left
PTO-PUG-RA	PU	Economic	76 gm	Right



PU Hand Gloves (Child)

Part Code	Material	Standard	Part Weight	Side
PTO-PUG-LC	PU	Economic	54 gm	Left
PTO-PUG-RC	PU	Economic	54 gm	Right



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

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

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

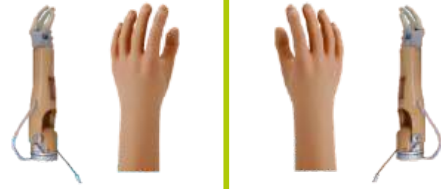
- 3 Finger movement.
- Action of hand can be control by cable.
- Wrist joint can passively rotate.
- Suitable for middle & short stumps of forearm.
- With short silicon glove.



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

Part Code	Material	Standard	Part Weight
PTO-AE-04L	Al	Export Quality	N/A
PTO-AE-04R	Al	Export Quality	N/A

- 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	659 gm
PTO-AE-BU-04R	Al	Export Quality	659 gm

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



B/E Myo Kit (3 Fingers Moment) (Aluminium) With Short Silicon Glove (Imported)

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

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



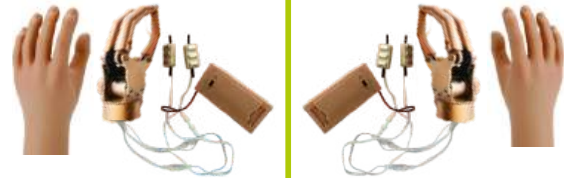
UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

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 gm
PTO-BE-05R-WF-3AL	Al	Export Quality	280 gm

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



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 gm
PTO-BE-06R-5AL	Al	Export Quality	280 gm

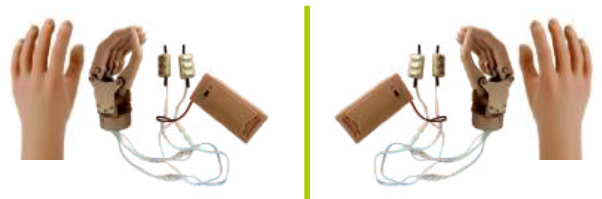
- 5 Finger movement.
- Action of hand can be control by Myoelectric.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for middle & short stump of forearm.
- With short silicon glove.



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 gm
PTO-BE-06R-WF-5AL	Al	Export Quality	280 gm

- 5 Finger movement.
- Action of hand can be control by Myoelectric.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for middle & short 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 gm
PTO-BE-07R-3C	Carbon	Export Quality	175 gm

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



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

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 gm
PTO-BE-07R-5C	Carbon	Export Quality	175 gm

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



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 gm
PTO-AE-08R-3AL	Al	Export Quality	600 gm

- 3 Finger movement.
- Action of hand can be control by Myoelectric.
- 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 gm
PTO-AE-08R-WF-3AL	Al	Export Quality	175 gm

- 3 Finger movement.
- Action of hand can be control by Myoelectric.
- 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 gm
PTO-AE-09R-5AL	Al	Export Quality	600 gm

- 5 Finger movement.
- Action of hand can be control by Myoelectric.
- 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) (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 gm
PTO-AE-09R-WF-5AL	Al	Export Quality	175 gm

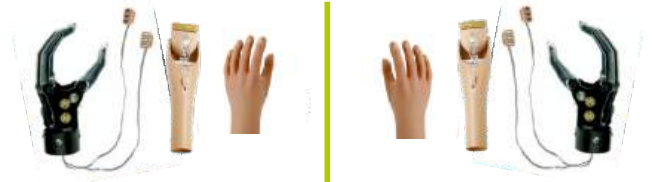
- 5 Finger movement.
- Action of hand can be control by Myoelectric.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for long above elbow stump.
- Mechanical Elbow (Passive control).
- Waterproof and with short silicon glove.



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

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

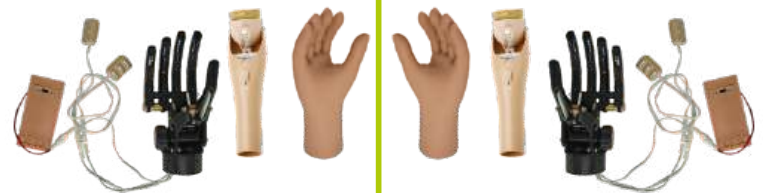
- 3 Finger movement.
- Action of hand can be control by Myoelectric.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for long above elbow stump.
- Mechanical Elbow (Passive control).
- Waterproof and with short silicon glove.



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

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

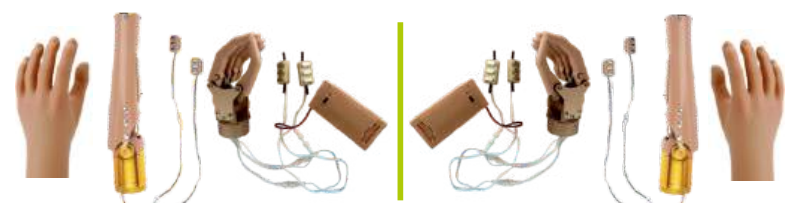
- 5 Finger movement.
- Action of hand can be control by Myoelectric.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for long above elbow stump.
- Myo Elbow (Passive control).
- Forarm - Carbon.
- Waterproof and with short silicon glove.



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 gm
PTO-AE-11R-WF-5AL	Al	Export Quality	600 gm

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



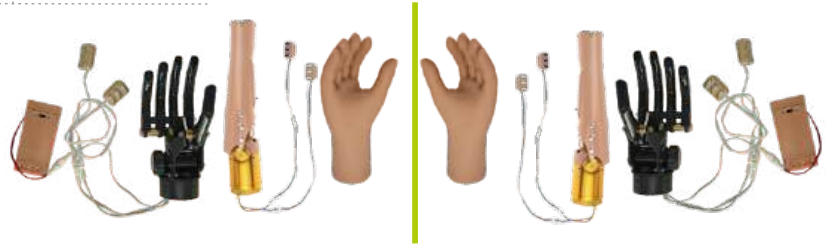
UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Below & Above Elbow Kits

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

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

- 5 Finger movement.
- Action of hand can be control by Myoelectric.
- Thumb action is two degree freedom.
- Wrist joint can passively rotate.
- Suitable for long above elbow stump.
- Myo Elbow (Passive control).
- Forarm - Plastic
- 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 (whole carbon)

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

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



Forearm Unit with Elbow Joint

Part Code	Material	Standard	Part Weight
PTO-AE-14IN	Plastic	Export Quality	N/A
PTO-AE-14IM	Plastic	Export Quality	N/A



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

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



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

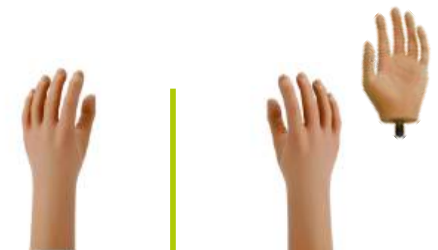
○ Sizes- S/M/L/XL, Without Filler, Shades- 1 to 18



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



UPPER EXTREMITY PROSTHETIC & SILICON GLOVES

Silicon Gloves

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 and Stainless Steel Bars in (Pair)

Part Code	Material	Standard	Part Weight	Body Weight	Size
PTO-OR01-1	S.S Joint & Alu Bar	Export Quality	829 gm	100 kg	3
PTO-OR01-2	S.S Joint & S.S Bar	Export Quality	1320 gm	100 kg	3



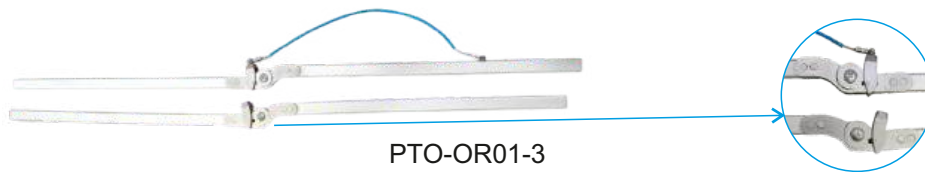
PTO-OR01-1



PTO-OR01-2

SafeStep Lock - (Posterior offset + Auto lock in Extension)

Part Code	Material	Standard	Part Weight	Body Weight	Size
PTO-OR01-3	S.S Joint & Alu Bar	Export Quality	998 gm	100 kg	3



PTO-OR01-3

Drop Lock Joint (Pair)

Part Code	Material	Part Weight	Body Weight limit	Size
PTO-OR02-1	C. Steel	150 g	25 kg	I - Child
PTO-OR02-2	C. Steel	180 g	50 kg	II - Adult
PTO-OR02-3	C. Steel	200 g	80 kg	III - Adult



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

Drop Lock Joint (Pair) (With Bars)

Part Code	Material	Part Weight	Body Weight limit	Size
PTO-OR03-1	C. Steel & Alu	300 g	25 kg	I - Child
PTO-OR03-2	C. Steel & Alu	350 g	50 kg	II - Adult
PTO-OR03-3	C. Steel & Alu	700 g	80 kg	III - Adult



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

Aluminium Bars (Set of 4 bars)

Part Code	Material	Part Weight	Size
PTO-OR04-1	Alu	150 g	Small
PTO-OR04-2	Alu	200 g	Medium
PTO-OR04-3	Alu	400 g	Large



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

ORTHOTIC COMPONENTS

Orthotic Products

Hip Joint with bar

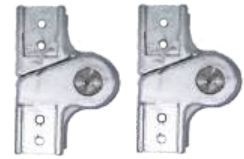
Part Code	Material	Part Weight	Body Weight limit	Size
PTO-OR05-1	C. Steel	180 g	80 kg	I
PTO-OR05-2	C. Steel	230 g	80 kg	II
PTO-OR05-3	C. Steel	280 g	80 kg	II

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



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

Part Code	Material	Part Weight	Body Weight limit	Size
PTO-OR06	C. Steel	180 g	80 kg	III



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

Part Code	Material	Part Weight	Body Weight limit	Size
PTO-OR06-1	C. Steel & Al	580 g	80 kg	III



Spandan Ankle Joint

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

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



Tamarac Ankle Joints (In pair)

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 kg
PTO-OR08-4	Nylon	1	20 g	25 kg
PTO-OR08-5	Nylon	2	30 g	50 kg
PTO-OR08-6	Nylon	3	45 g	80 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 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 kg



ORTHOTIC COMPONENTS

Orthotic Products

Orthotic Strap

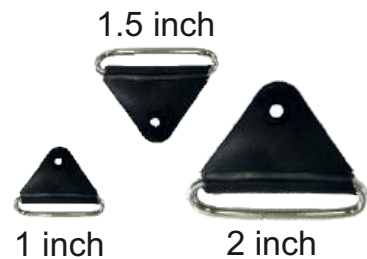
Part Code	Length in inch	Material	Size
PTO-OR9-1/6	6	Nylon Strap	1"
PTO-OR9-1/8	8	Nylon Strap	1"
PTO-OR9-1/10	10	Nylon Strap	1"
PTO-OR9-1/12	12	Nylon Strap	1"
PTO-OR9-1/15	15	Nylon Strap	1"
PTO-OR9-1/18	18	Nylon Strap	1"
PTO-OR9-1.5/6	6	Nylon Strap	1.5"
PTO-OR9-1.5/8	8	Nylon Strap	1.5"
PTO-OR9-1.5/10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



- Orthotic Straps available in different lengths and colours (Blue, White, Black, Green, Red) Made from Cotton & Nylon.

Plastic D Buckle (1/ 1.5/ 2 inch)

Part Code	Material	Part Weight	Size
PTO-OR9-1D	Plastic & S.S	N/A	1"
PTO-OR9-1.5D	Plastic & S.S	N/A	1.5"
PTO-OR9-2D	Plastic & S.S	N/A	2"



- Plastic D Buckle available in different (size - 1", 1.5" & 2") and colours (Blue, White, Black, Green, Red) Made from plastic & S.S.

Orthotic - Leather Knee Cap

Part Code	Material	Part Weight	Size
PTO-OR10-1	Leather	100 g	1
PTO-OR10-2	Leather	110 g	2
PTO-OR10-3	Leather	120 g	3



ORTHOTIC COMPONENTS

Orthotic Products

DB Splint Base (Plastic Part Only) Pair.



Part Code	Material	Standard	Part Weight
PTO-OR11	Plastic	Export Quality	60 gm

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

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



Foot Impressions Block (Foot foam)

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



AFO Kit (LM) (ALIMCO type)

Part Code

PTO-OR14-1S	—————>	Small
PTO-OR14-1M	—————>	Medium
PTO-OR14-1L	—————>	Large

- Contains- Ankle Stripper - 1 nos, Ankle Spur - 2 nos, Aluminium Bar- 2 nos, Ankle Joint- 2 nos & Calf Bend- 1 nos.



KAFO Kit (LM) (ALIMCO type)

Part Code

PTO-OR14-2S	—————>	Small
PTO-OR14-2M	—————>	Medium
PTO-OR14-2L	—————>	Large

- Contains- Ankle stripper - 1 nos, ankle spur - 2 nos, Medial & Lateral uprights- 2 each, Ankle Joint- 2 nos, Orthotic drop lock- 2 nos, Tuber Bend- 1 nos & Calf Bend- 1 nos.



ORTHOTIC COMPONENTS

Orthotic Products

HKAFO Kit (LM) (ALIMCO type)

Part Code

PTO-OR14-3S	—————▶	Small
PTO-OR14-3M	—————▶	Medium
PTO-OR14-3L	—————▶	Large

- Contains- Ankle Stripper - 1 nos, Ankle spur- 2 nos, Medial & Lateral uprights - 2 each, aluminium bars - 2 nos, Ankle Joint- 2 nos, Orthotic drop lock- 2 nos, Hip Joint- 1 nos, Calf Bend- 1 nos, Tuber Bend- 1 nos, Thigh Bend - 1nos & Pelvic Bend- 1 nos.



Elastic Knee Cap

Part Code

PTO-OR15-1	—————▶	Small
PTO-OR15-2	—————▶	Medium
PTO-OR15-3	—————▶	Large
PTO-OR15-4	—————▶	Extra Large

- Can be use as Total Elastic Suspension (TES Belt) for Below Knee Prosthesis.



Okhalama (type) Ankle Joint

Part Code	Size	Material	Standard	Part Weight
PTO-OR16-1	1	Plastic	Export Quality	23 gm
PTO-OR16-2	2	Plastic	Export Quality	29 gm
PTO-OR16-3	3	Plastic	Export Quality	33 gm



Okhalama (type) Ankle Joint

Part Code	Size	Material	Standard	Part Weight
PTO-OR16-4	4	Plastic	Export Quality	13 gm



RAW MATERIALS FOR P&O

Raw Materials

ACRY-CRYL 80:20 Acrylic Resin (4.6 kg) with Hardener (150gms)

Part Code

PTO-M01-1/1

- ACRY-CRYL Laminating Resin 80:20 Semi-rigid Acrylic Casting Resin. Transparent, thermoplastic skin-friendly, can be mixed with ACRY-CRYL acrylic Hardners.
- Curing by means of approx, 1-3% hardener powder.



ACRY-CRYL 80:20 Acrylic Resin (4.6 kg)

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



ACRY-CRYL 80:20 Acrylic Resin (1 kg)

Part Code	Material	Standard	Part Weight
PTO-M01-1/3	Acrylic Resin	Export Quality	1 kg



CARBON Rigid Resin (4.6 kg)

Part Code	Material	Standard	Net Weight
PTO-M01-1/4	Acrylic Resin	Export Quality	4.600 Kg

- Carbon resin is about 10% thin-ner than laminating resin 80:20 and especially designed for the processing of carbon fibres, i.e. for top quality casting resin parts, which require extraordi-nary high stability and which are mainly made of carbon fibres. Curing by means of approx. 1 – 3 % hardener powder.



SEALING Rigid Acrylic Resin (4.6 kg)

Part Code	Material	Standard	Net Weight
PTO-M01-1/5	Acrylic Resin	Export Quality	4.600 Kg

- Sealing is used for example for bonding acrylic, wooden and PUR-rigid foam parts, for sealing leather and laminating very hard parts.
- Curing by means of 1 – 3 % hardener powder, depending on the purpose it is possible to achieve fast cure times



HARDNER POWDER - 150 gm.

Part Code	Material	Standard	Part Weight
PTO-M01-1/6	Dicyclohexyl Phthalate	Export Quality	150 gm



RAW MATERIALS FOR P&O

Raw Materials

Epoxy Resin & Hardener Combo

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

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



Foam Build-up

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

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



Pigment Paste

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



Suction Valve Set

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

- o 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 gm

- o 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 gm



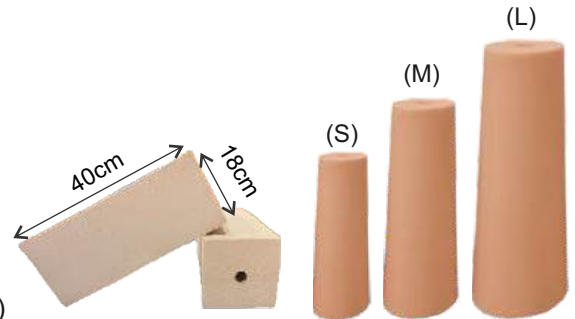
RAW MATERIALS FOR P&O

Raw Materials

BK Foam Cover

Part Code	Material	Standard	Part Weight
PTO-M03-1	LD Foam	Export Quality	320 gm
PTO-M03-1S	LD Foam	Export Quality	67 gm
PTO-M03-1M	LD Foam	Export Quality	120 gm
PTO-M03-1L	LD Foam	Export Quality	150 gm

- **PTO-M03-1**= BK Foam Cover (Rectangle block with 30 mm. ID) Throughout pylon Hole. L x W x H = 160 x 160 x 400 mm.
- **PTOM03-1(S,M,L)**= BK Foam Cover (Pre- Shaped with 30 mm. ID) (Size- Small, Medium, Large)



AK Foam Cover

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

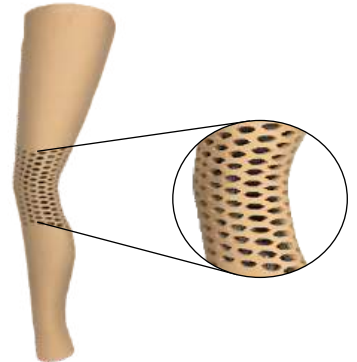
- length: (91cm), Calf Circumference: (44cm)
Knee Flexion: 30 Degree, Length from knee center to ankle- 14" or 36 cm.



AK Foam Cover

Part Code	Material	Standard	Part Weight	Color
PTO-M03-3S	PU	Export Quality	270 gm	Beige
PTO-M03-3M	PU	Export Quality	340 gm	Beige
PTO-M03-3L	PU	Export Quality	420 gm	Beige

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



Rubber Adhesives (Texobond)

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

- A multipurpose adhesive from Avis Polymers that is used as synthetic rubber adhesives.



Cosmetic Stocking (Pair)

Part Code	Material	Standard	
PTO-M04-1	Nylon	Export Quality	For BK
PTO-M04-2	Nylon	Export Quality	For AK
PTO-M04-3	Nylon	Local	For BK
PTO-M04-4	Nylon	Local	For AK

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



Local



Export Quality

RAW MATERIALS FOR P&O

Raw Materials

Cotton Stump Socks

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



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

Thermofomable Dome (BK)

Part Code	Size	Material	Part Weight
PTO-M06-1	Small	EVA mouled	170 gm
PTO-M06-2	Medium	EVA mouled	200 gm
PTO-M06-3	Large	EVA mouled	250 gm
PTO-M06-4	Extra Large	EVA mouled	290 gm



○ Thermofomable Dome for BK Soft Inner socket.

Thermofomable Dome (AK)

Part Code	Size	Material	Part Weight
PTO-M06-5	Small	EVA mouled	360 gm
PTO-M06-6	Medium	EVA mouled	480 gm
PTO-M06-7	Large	EVA mouled	470 gm
PTO-M06-8	Extra Large	EVA mouled	510 gm



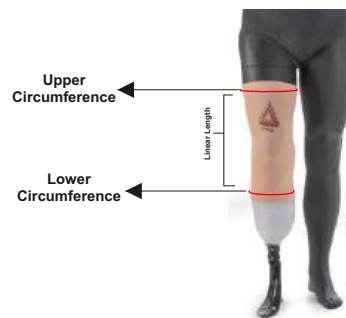
○ Thermofomable Dome for AK Soft Inner socket.

RAW MATERIALS FOR P&O

Raw Materials

BK TES Belt (Universal)

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



BK TES Belt Sizing Chart				
Size	Minimum Thigh / Upper Circumference		Prosthetics Socket / Lower Circumference	
	Inches	Cms	Inches	Cms
Small	12.75	32.4	9.21	23.4
Medium	12.40	31.5	9.92	25.2
Large	14.88	37.8	10.98	27.9
Extra Large	15.59	39.6	12.04	30.6
Double Extra Large	16.29	41.4	13.46	34.2

AK TES Belt (Universal)

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



AK TES Belt Sizing Chart				
Size	Waist Circumference		Prosthetics Socket Top Circumference	
	Inches	Cms	Inches	Cms
Small	32	81.28	16 1/2	41.91
Medium	34	86.36	18 1/2	46.99
Large	37	93.98	19 1/2	49.53
Extra Large	38 1/2	97.79	20 1/2	52.07
Double Extra Large	42 1/2	107.95	22	55.88
Extra Extra Large	46	116.84	23 1/2	59.69

AK TES Belt (Universal) ECO

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



RAW MATERIALS FOR P&O

Raw Materials

Carbon Fiber Fabric

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

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



Carbon Sleeve (stockinette)

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

- Available in per meter



Glass Fiber Fabric

Part Code	Material	Standard	Part Weight
PTO-M10	Glass Fiber	Export Quality	250 gm

- Glass Fiber (In square meters)



Plastazote

Part Code	Color	Size	Part Weight	Material
PTO-M11-4	Cinemon	1150 X 2250 mm	530 gm	EVA
PTO-M11-6	Cinemon	1150 X 2250 mm	792 gm	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)

RAW MATERIALS FOR P&O

Raw Materials

Pedilin CR

Part Code	Color	Size	Part Weight	Material
PTO-M13-3C	Cinemon	900 X 900 mm	400 gm	EVA
PTO-M13-4C	Cinemon	900 X 900 mm	500 gm	EVA
PTO-M13-6C	Cinemon	900 X 900 mm	800 gm	EVA
PTO-M13-8C	Cinemon	900 X 900 mm	1000 gm	EVA

○ (Ideal for Below Knee Soft insert Inner)



Ethasoft

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

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



Ethasoft

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

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



RAW MATERIALS FOR P&O

Raw Materials

Ethasoft

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



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

Ethasoft

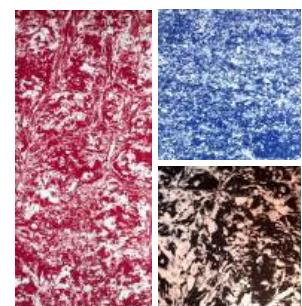
Part Code	Color	Standard	Part Weight	Material
PTO-M14-2BL	Black	Export Quality	300 gm	EVA
PTO-M14-3BL	Black	Export Quality	450 gm	EVA
PTO-M14-4BL	Black	Export Quality	600 gm	EVA
PTO-M14-5BL	Black	Export Quality	750 gm	EVA
PTO-M14-6BL	Black	Export Quality	900 gm	EVA



- 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)

Low-Temperature Thermoplastic (LTTP Sheet)

Part Code	Color	Size	Perforation	Part Weight	Thickness
PTO-M15-1.6	Off White	460 x 610 mm	11%	550 gm	1.6 mm
PTO-M15-2.4	Off White	460 x 610 mm	1%	900 gm	2.4 mm
PTO-M15-3.2	Off White	460 x 610 mm	1%	1090 gm	3.2 mm
PTO-M15-4.0	Off White	460 x 610 mm	1%	1440 gm	4.0 mm
PTO-M15-3.2L	Off White	920 X 610 mm	1%	1090 gm	3.2 mm
PTO-M15-4.0L	Off White	920 X 610 mm	1%	1440 gm	4.0 mm



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

Polypropylene (PP Sheet)

Part Code	Color	Size & Thickness	Part Weight	Material
PTO-M16-2W	White	1 X 2 Meter (2 mm thickness)	3.60 kg	Polypropylene
PTO-M16-3W	White	1 X 2 Meter (3 mm thickness)	5.40 kg	Polypropylene
PTO-M16-4W	White	1 X 2 Meter (4 mm thickness)	7.20 kg	Polypropylene
PTO-M16-5W	White	1 X 2 Meter (5 mm thickness)	9.00 kg	Polypropylene
PTO-M16-6W	White	1 X 2 Meter (6 mm thickness)	9.80 kg	Polypropylene
PTO-M16-8W	White	1 X 2 Meter (8 mm thickness)	11.60 kg	Polypropylene
PTO-M16-10W	White	1 X 2 Meter (10 mm thickness)	13.40 kg	Polypropylene
PTO-M16-12W	White	1 X 2 Meter (12 mm thickness)	32.15 kg	Polypropylene
PTO-M16-15W	White	1 X 2 Meter (15 mm thickness)	40.18 kg	Polypropylene



Polypropylene (PP Sheet)

Part Code	Color	Size	Thickness	Part Weight	Material
PTO-M17-6W	White	400 X 400 mm	6mm	1.00 kg	Polypropylene
PTO-M17-8W	White	400 X 400 mm	8 mm	1.15 kg	Polypropylene
PTO-M17-10W	White	400 X 400 mm	10 mm	1.44 kg	Polypropylene
PTO-M17-12W	White	400 X 400 mm	12 mm	1.72 kg	Polypropylene
PTO-M17-15W	White	400 X 400 mm	15 mm	2.16 kg	Polypropylene



- (Ideal for Hard socket of AK / BK)

Rubberized Flexible Sheet

Part Code	Color	Size	Thickness	Part Weight	Material
PTO-M18-2W	White	1250 X 2000 mm	2 mm	N/A	Polypropylene
PTO-M18-3W	White	1250 X 2000 mm	3 mm	N/A	Polypropylene
PTO-M18-4W	White	1250 X 2000 mm	4 mm	N/A	Polypropylene
PTO-M18-6W	White	1250 X 2000 mm	6 mm	N/A	Polypropylene



Rubberized flexible Sheet

Part Code	Color	Size	Thickness	Part Weight	Material
PTO-M19-8W	White	400 X 400 mm	8 mm	N/A	Polypropylene
PTO-M19-10W	White	400 X 400 mm	10 mm	N/A	Polypropylene
PTO-M19-12W	White	400 X 400 mm	12 mm	N/A	Polypropylene
PTO-M19-15W	White	400 X 400 mm	15 mm	N/A	Polypropylene



o (Ideal for Soft inner socket of BK)

PVA BAG (Polyvinyl Alcohol)

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



Cotton Stockinette

Part Code	Width	Roll	Part Weight	Colour	Material
PTO-M21-30	30 mm	10 meter	200 gm	off white	Pure Cotton
PTO-M21-60	60 mm	10 meter	337 gm	off white	Pure Cotton
PTO-M21-80	80 mm	10 meter	387 gm	off white	Pure Cotton
PTO-M21-100	100 mm	10 meter	555 gm	off white	Pure Cotton
PTO-M21-120	120 mm	10 meter	657 gm	off white	Pure Cotton
PTO-M21-150	150 mm	10 meter	705 gm	off white	Pure Cotton
PTO-M21-KG	Any of above	per kg	1018 gm	off white	Pure Cotton



RAW MATERIALS FOR P&O

Raw Materials

Nylon Stockinette

Part Code	Width	Roll	Part Weight	Colour	Material
PTO-M21-NY30	30mm	10 meter	170 g	White	Nylon
PTO-M21-NY60	60mm	10 meter	250 g	White	Nylon
PTO-M21-NY80	80mm	10 meter	333 g	White	Nylon
PTO-M21-NY100	100mm	10 meter	416 g	White	Nylon
PTO-M21-NY120	120mm	10 meter	500 g	White	Nylon
PTO-M21-NY150	150mm	10 meter	625 g	White	Nylon
PTO-M21-NYKG	Any of above	per kg	1000 g	White	Nylon



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
PTO-M22-18	18 cm	12 meter	2.5 kg	white	Nylon & synthetic fibre



o Ideal for light and strong socket lamination

Nyglass Sleeve

Part Code	Width	Per Kg	Part Weight	Colour	Material
PTO-M22-N10	10 cm	23 meter	1.0 kg	white	Nyglass
PTO-M22-N13	13 cm	21 meter	2.0 kg	white	Nyglass
PTO-M22-N16	16 cm	17 meter	2.0 kg	white	Nyglass
PTO-M22-N18	18 cm	15 meter	2.5 kg	white	Nyglass
PTO-M22-N20	20cm	14 meter	3.0 kg	white	Nyglass



o Ideal for light and strong socket lamination

RAW MATERIALS FOR P&O

Raw Materials

Plaster of Paris (POP) Bandage

Part Code	Size	Part Weight	Colour	Material
PTO-M23-4	4 Inch	108 gm	white	POP Bandage
PTO-M23-6	6 Inch	157 gm	white	POP Bandage

- Plaster of Paris Bandages (Plasto pop Brand)



HDPE Pipe (Poly-Ethylene)

Part Code	Size	Length	Part Weight	Colour
PTO-M24-75	75 mm	24 inch	N/A	Beige
PTO-M24-90	90 mm	24 inch	N/A	Beige
PTO-M24-110	110 mm	24 inch	N/A	Beige
PTO-M24-75/1	75 mm	3 meter	N/A	Beige
PTO-M24-90/1	90 mm	3 meter	N/A	Beige
PTO-M24-110/1	110 mm	3 meter	N/A	Beige

- HDPE Pipe - For Exo-skeletal prosthesis & orthosis



Teflon Sheet

Part Code	Material	Standard	Part Weight	Colour
PTO-M25	Teflon	Export Quality	500 gm	Beige

- Teflon Sheet, (Size - 1 Square meter), High Heat Resistance, to be used in Hot prosthetic oven & Infra red prosthetic oven.



Hand Gloves

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

- Hand Gloves for Oven (pair), Regular & Prime Quality High Heat Resistance, to be used in Hot prosthetic oven & Infra red prosthetic oven.



Prime (Kevlar)



Economic (Cotton)

Plastic Apron (For Workshop)

Part Code	Size	Colour	Material
PTO-M27-2	Universal	White	Plastic



RAW MATERIALS FOR P&O

Raw Materials

Safety Goggles (For Workshop)

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



Ear Protection (For Workshop)

Part Code	Part Weight	Colour	Special Feature
PTO-M27-4	152 g	Red	Noise Cancelling

- o Noise Reduction Earplugs – Perfect for Work & Safety



Filter Mask

Part Code	Part Weight	Colour	Material
PTO-M27-5	240 g	Black	Plastic & Glass



Aluminum Rivet

Part Code	Part Weight	Length	Thickness	Colour	Material
PTO-MM01-12/3	1 kg	12 mm	3 mm	Silver	Al
PTO-MM01-19/3	1 kg	19 mm	3 mm	Silver	Al
PTO-MM01-25/3	1 kg	25 mm	3 mm	Silver	Al
PTO-MM01-35/3	1 kg	35 mm	3 mm	Silver	Al
PTO-MM01-12/4	1 kg	12 mm	4 mm	Silver	Al
PTO-MM01-19/4	1 kg	19 mm	4 mm	Silver	Al
PTO-MM01-25/4	1 kg	25 mm	4 mm	Silver	Al
PTO-MM01-35/4	1 kg	35 mm	4 mm	Silver	Al
PTO-MM01-12/5	1 kg	12 mm	5 mm	Silver	Al
PTO-MM01-19/5	1 kg	19 mm	5 mm	Silver	Al
PTO-MM01-25/5	1 kg	25 mm	5 mm	Silver	Al
PTO-MM01-35/5	1 kg	35 mm	5 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



RAW MATERIALS FOR P&O

Raw Materials

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-MM04-1/3	1 kg	3 mm	1 Inch	Copper
PTO-MM04-1.5/3	1 kg	3 mm	1.5 Inch	Copper
PTO-MM04-1/4	1 kg	4 mm	1 Inch	Copper
PTO-MM04-1.5/4	1 kg	4 mm	1.5 Inch	Copper
PTO-MM04-1/5	1 kg	5 mm	1 Inch	Copper
PTO-MM04-1.5/5	1 kg	5 mm	1.5 Inch	Copper



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

○ 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-MM06-6	1 kg	6 mm	500	Cast Iron
PTO-MM06-9	1 kg	9 mm	500	Cast Iron
PTO-MM06-12	1 kg	12 mm	500	Cast Iron



Capsule Kadi (S.S)

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 (S.S)

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



Velcro Hook Loop

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



Velcro Hook Loop

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



RAW MATERIALS FOR P&O

Raw Materials

Velcro Hook Loop

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



Tape / Web

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



○ Tape / Web (1, 1.5, 2 Inch) (25 meter Roll)

Donning Sleeve

Part Code	Material	Standard	Part Weight	Unit
PTO-MM11	Silk	Export Quality	N/A	1 piece
PTO-MM11-1	Silk	Export Quality	N/A	Set of 4

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



TOOLS AND HAND TOOLS

Modular Tools

Rasp Head (Dia 36 mm)

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



Rasp Head (Dia 50 mm)

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



Rasp Head (Dia 28 mm)

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 Drum
PTO-T01-4	PU Rubber	Export Quality	N/A	(Dia 72.5 X L200mm)



Sanding Sleeves

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



Taper Grinding Roller

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



Taper Sanding Sleeves

Part Code	Material	Standard	Sanding Sleeves
PTO-T01-9	Silicon Carbide polish paper	Export Quality	Grit 40
PTO-T01-10	Silicon Carbide polish paper	Export Quality	Grit 60
PTO-T01-11	Silicon Carbide polish paper	Export Quality	Grit 80



TOOLS AND HAND TOOLS

Modular Tools

Surform Blade (Half Round) STANLEY

Part Code	Material	Make	Part Weight
PTO-T02-1	Mild Steel	Stanley	25 g



Surform Blade (Round) STANLEY

Part Code	Material	Make	Part Weight
PTO-T02-2	Mild Steel	Stanley	30 g



Surform Blade (Flat) STANLEY

Part Code	Material	Make	Part Weight
PTO-T02-3	Mild Steel	Stanley	50 g



Surform Blade Holder (Metallic)

Part Code	Material	Standard	Part Weight
PTO-T02-4	Metal 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	Iron	Export Quality	1.700 kg



TOOLS AND HAND TOOLS

Modular Tools

Riveting Bar

Part Code	Material	Standard	Part Weight
PTO-T04-2	Hardened Mild Steel	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 gm



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

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



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 gm



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	Part Weight
PTO-T06-2	Casting Iron	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	Woode and Steel	Export Quality	45 kg



TOOLS AND HAND TOOLS

Modular Tools

Pipe Vice

Part Code	Material	Standard	Part Weight
PTO-T07-3	Cast Iron	Export Quality	N/A



Hammer

Part Code	Material	Standard	Size
PTO-T08-1	Casting Iron	Export Quality	30
PTO-T08-2	Casting Iron	Export Quality	50



Mallet Rubber Hammer

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



Shoemakers Hammer

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



Plaster Spatula

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



Rubber Bowl (Set of 2)

Part Code	Material	Standard	Part Weight
PTO-T09-2	Rubber	Export Quality	N/A



Scissor (Brass Handle)

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	Cast 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 Sizes)

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



Allen Key Set (T- Type)

Part Code	Material	Standard	Part Weight	Size
PTO-T12-2	Alloy Steel	Export Quality	N/A	1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10 mm



TOOLS AND HAND TOOLS

Modular Tools

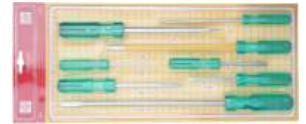
Allen Key Set (L- Type)

Part Code	Material	Standard	Part Weight	Size
PTO-T12-3	Alloy Steel	Export Quality	N/A	1.5, 2, 2.5, 3, 4, 5, 6, 8 & 10 mm



Screw Driver Set (Set of 8)

Part Code	Material	Standard	Part Weight
PTO-T12-4	Alloy Steel	Export Quality	1.41 kg



Chisel - For POP (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
PTO-T13-2	Cast Iron	Export Quality	N/A



Hole Punch

Part Code	Material	Standard	Part Weight	Hole Size ø
PTO-T13-3	Steel	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	Alloy Steel	Export Quality	130 g	2, 2.5, 3, 3.5, 4 & 5 mm



Hack Saw Frame (1 piece)

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



Hack Saw Blade (10 piece)

Part Code	Material	Standard	Part Weight
PTO-T14-2	Alloy Steel	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	Metal	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	Alloy Steel	Export Quality	516 gm

Taparia TPWR 50, Ratchet Type Professional Torque Wrench in 12.7 mm (1/2") Square Drive with of Torqueing range of 10 - 60 Nm, 8 - 44 Lb ft and 1 - 6 Kgf.m



Tap & Die set

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

- 17 Thread Sizes: Supports metric threads M3–M12 and 1/8-27 NPT
- Durable Build: Made from high-quality carbon steel for threading and repairs
- Easy Identification: Metric size and pitch clearly etched on taps and dies
- Complete Kit: Includes tap wrench, die handle, 17 taps, 17 dies, T-bar handle, screwdriver, feeler gauge, and storage box



TOOLS AND HAND TOOLS

Modular Tools

Outside Caliper

Part Code	Material	Standard	Part Weight
PTO-T17-1	S. Steel	Export Quality	50 g



Inside Caliper

Part Code	Material	Standard	Part Weight
PTO-T17-2	S. Steel	Export Quality	40 g
o Measuring Range: 20-170 mm		o Jaw Length: 150 mm	



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	N/A



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	Size
PTO-HT01-1	N/A	Bosch Or Equivalent	N/A	6.5 mm
PTO-HT01-2	N/A	Bosch Or Equivalent	N/A	10 mm
PTO-HT01-3	N/A	Bosch Or Equivalent	N/A	13 mm



Jig Saw Machine

Part Code	Material	Standard	Part Weight	Cutting Depth
PTO-HT02	N/A	Bosch Or Equivalent	N/A	10 mm
PTO-HT02-1	N/A	Bosch Or Equivalent	N/A	15 mm
PTO-HT02-2	N/A	Bosch Or Equivalent	N/A	20 mm



TOOLS AND HAND TOOLS

Modular Tools

Hot Air Gun



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

Oscillator Plaster



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

Hand Sealing Iron



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

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 fans.
- 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 6000°C (working up to) operating with controller.
- Power configuration :- 415v/ 3 phase, 12 to 18 kw - 3 phase 240 volts
- Weight (approx):- 390 kg
- All is Assembled
- All machine are disassemble
- Height Adjustable IR Tube

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 without tools (Economic Quality)

Part Code

PTO-MC02-1

- Router Machine - Economic Quality

Features:

Industrial Casting Base

Shaft adjustment range:

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

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 without tools (Export Quality)

Part Code

PTO-MC02-2

- Router Machine - Export Quality

Features:

3 phase Multi Speed - Export Quality without tools

VFD flow multi- Speed router motor

- a. Motor Shaft: 00 to 900
- b. Vertical Shaft: 700mm to 1200mm
- c. Z axis: 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 shaft 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 - (1 each)
- Rasp Head (Dia 36 mm)
- Rasp Head (Dia 50 mm)
- Rasp Conical Head (Dia 28 mm)
- Sanding Drum (D72.5 X L200 mm)
- Sanding Sleeves (Grit 40)
- Sanding Sleeves (Grit 60)
- Sanding Sleeves (Grit 80)



Router Machine With Open Type Dust Collector (Economic Quality)

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 With Open Type Dust Collector (Export Quality)

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 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 with set of Tools (Economic)

Part Code

PTO-MC02-9

- Router Machine - Economic Quality
Features:
 Industrial Casting Base
 Shaft adjustment range:
 - a. Motor shaft:- 00 to 90
 - b. Vertical shaft: 700mm to 1200mm.
 - c. Z -axis :- 3600
- 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
 - a. Motor Shaft: 00 to 900
 - b. Vertical Shaft: 700mm to 1200mm
 - c. Z axis: 3600
 Seamless pipe- industrial pillar adjustment manufacturing
 Casted heavy-duty base results minimum noise

 Router Machine set of Tools
 Rasp Graining Head (Dia 36 mm)
 Rasp Graining Head (Dia 50 mm)
 Rasp Conical Graining Head (Dia 28 mm)
 Sanding Drum (D72.5 X L200 mm)
 Sanding Sleeves (Grit 40)
 Sanding Sleeves (Grit 60)
 Sanding Sleeves (Grit 80)



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

Vacuum Machine for Lamination

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 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

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



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 ¾ 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.



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

Orthotic Draping Set

Part Code

PTO-MC05-1

- Orthotic Draping Set
- Consuting 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 Specification: 62 × 40 × 10 cm)
(Outer Specification: 69 × 47 × 20 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



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

Table Drilling Machine (19.5 mm)

Part Code

PTO-MC08-2

- Type of Product : Bench Drill
- No Load Speed : 580-2650 RPM
- Chuck Capacity : 19.5 mm
- Voltage : 230 V
- Power Input : 350 W
- Color Available: Blue

***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 : 25 mm
- Voltage : 230 V
- Power Input : 350 W
- Color Available: Red

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



Combination Belt Sander-Grinder & Polishing

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.**



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.

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



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

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



Bench Grinder

Part Code

PTO-MC12

Special features:

Two corundum grinding wheels with different grit, protective hood and tool rests.

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



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.

***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.



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

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)



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 Training

Part Code

PTO-ME08-4

- * Customized (As per Customer Requirement)
- *Digital Technical Specification- On Request.

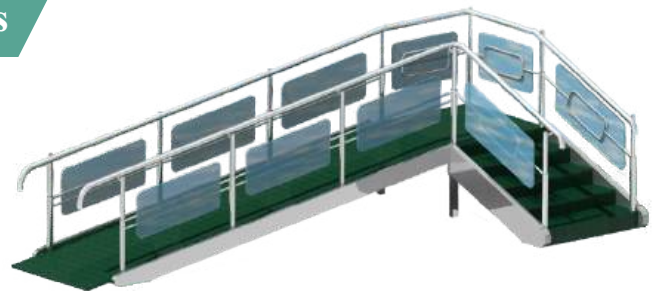


Stair Case and Ramp for P&O Gait Trails

Part Code

PTO-ME08-5

- * Customized (As per Customer Requirement)
- *Digital Technical Specification- On Request.



Mirror Trolley

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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