PRO-FLEX® XC TORSION
PRO-FLEX® LP TORSION

Less load, more dynamics™
Less load, more dynamics™ – now with added torsion and shock absorption

A WHOLE NEW DYNAMIC!
“When I hit the ground running, the shock unit takes up the slack, so I feel more comfortable and less tired than I did before. As for the rotation, I find my movements are more natural somehow, and not so stilted.”

Dynamic performance from a lightweight prosthetic foot – ideal for a range of higher impact pursuits, as well as everyday activities.

Ankle power | Energy return | Smooth rollover | Rotation | Shock absorption
LESS LOAD
The unique triple blade design of the Pro-Flex range builds on years of Össur knowhow and technological advances. It generates exceptional vertical compression and toe-off energy, with a very natural, fluid stance progression, right through from the first moment of heel strike. The smoothness of the rollover movement and extended stance phase help to reduce load on the sound side.

MORE DYNAMICS
The new Torsion module provides an added level of functionality specific to each user. Responding to different situations and needs, it delivers rotation and shock absorption to better support individuals in their higher-impact and more dynamic endeavours and in their everyday activities.

GREATER COMFORT
The Pro-Flex family is all about less load on the sound side and more dynamic performance. With the addition of the Torsion module to the Pro-Flex XC and Pro-Flex LP, it’s also a case of less stress on the residual limb and more comfort. It is the ideal solution for every user – from the more active user to the user searching for more stability.

NEW ANATOMICAL FOOT COVER
Designed for optimal function of the sole blade – lightweight, washable, with gripping sole for barefoot stability on wet or slick surfaces, plus ‘sandal toe’ for use with thongs/sandals.

NEW TORSION MODULE
The completely redesigned and durable Torsion module absorbs rotary torque and impact forces. It helps to restore lost rotational capability while improving comfort within the socket interface and reducing shear forces and the risk of joint damage.

LESS LOAD, MORE DYNAMICS™ AND GREATER COMFORT

WHY IT MATTERS
In selecting the appropriate prosthetic solution, it is vital to understand people’s lifestyles and potential. For the individual, comfort and mobility are paramount. That’s why Pro-Flex XC Torsion and Pro-Flex LP Torsion are the ideal choice in terms of efficient energy return, good rotational functionality and optimal shock absorption.

EMPOWER PROSTHETIC USERS TO REMAIN AS MOBILE, COMFORTABLE AND CONFIDENT AS POSSIBLE.

Clinical evidence shows that a strong coupling between the prosthetic socket and residual limb will help users to optimise control of their prosthesis. While stress from shear forces, caused by the lack of rotation possibilities in the prosthetic solution, can sometimes contribute to problems with the residual limb. The addition of the Torsion module allows for physiological rotation in the prosthetic solution and reduces shear forces in the socket, during both daily and more dynamic activities. This, together with lower levels of stress on both the residual limb and the sound side, helps to avoid mid- and long-term health complications, all of which can have wide-ranging human and financial costs.

CLINICAL REFERENCES
- Segal, 2014; Does a Torsion Adapter Improve Functional Mobility, Pain, and Fatigue in Patients with Transtibial Amputation?
- Twiste; 2004; Transverse rotation and longitudinal translation during prosthetic gait-A literature review
PRO-FLEX® XC TORSION

FOR ACTIVE USERS WHO WOULD BENEFIT FROM GREATER FUNCTIONALITY

Less load and more dynamics, with added rotation and shock absorption. Comfort and performance levels that are ideal for active people who are always on the go.

RATINGS
- Low to high impact levels
- Maximum patient weight is 147 kg

OPTIONS
- Available in sizes 22-30, categories 1-8
- Male pyramid
- PXTOXYZ Pro-Flex XC Torsion (foot shell and sock included)
  X: category 1-8, YY: foot size (22-30), Z: side (L/R)
  Please specify when ordering brown covers, add “BR” at the end of the part#
- FST0YYZ Foot Cover Kit (replacement foot shell, sock included)
- FCX63022 Black Spectra Sock size 22-25
- FCX63025 Black Spectra Sock size 26-30

UNITY KITS
- PXTUXXYZ Pro-Flex XC Torsion with Unity Sleeveless Vacuum
  (foot shell and sock included)
- UPC0024 Unity pump module for Pro-Flex XC Torsion size 22-24
  (retrofittable)
- UPC0027 Unity pump module for Pro-Flex XC Torsion size 25-27
  (retrofittable)
- UPC0030 Unity pump module for Pro-Flex XC Torsion size 28-30
  (retrofittable)
- UTT0001 Unity TT Valve Kit
- UTF0001 Unity TF Valve Kit
- UTF0006 Unity TF Tube Kit
- L-5446XX Icelock 544 Kit

UNITY KITS
- PLTUXXYZ Pro-Flex LP Torsion with Unity Sleeveless Vacuum
  (foot shell and sock included)
- UPL0024 Unity pump module for Pro-Flex LP Torsion size 22-24
  (retrofittable)
- UPL0030 Unity pump module for Pro-Flex LP Torsion size 25-27
  (retrofittable)
- UPL0930 Unity pump module for Pro-Flex LP Torsion size 28-30
  (retrofittable)
- UT T0001 Unity TT Valve Kit
- UT F0001 Unity TF Valve Kit
- UT F0006 Unity TF Tube Kit
- L-5446XX Icelock 544 Kit

WARRANTY
- 36 months warranty on the foot
- 24 months warranty on the pump module
- 12 months warranty on the membrane

PRO-FLEX® LP TORSION

FOR ACTIVE USERS WHERE SPACE IS COMPROMISED

Full-height dynamics in a low profile foot, with added rotation and shock absorption. Ideal for active people who want a prosthetic solution to match their lifestyle.

RATINGS
- Low to high impact levels
- Maximum patient weight is 147 kg

OPTIONS
- Available in sizes 22-30, categories 1-8
- Male pyramid
- PLT0XXYZ Pro-Flex LP Torsion (foot shell and sock included)
  X: category 1-8, YY: foot size (22-30), Z: side (L/R)
  Please specify when ordering brown covers, add “BR” at the end of the part#
- FST0YYZ Foot Cover Kit (replacement foot shell, sock included)
- FCX63022 Black Spectra Sock size 22-25
- FCX63025 Black Spectra Sock size 26-30

UNITY KITS
- PXTUXXYZ Pro-Flex XC Torsion with Unity Sleeveless Vacuum
  (foot shell and sock included)
- UPC0024 Unity pump module for Pro-Flex LP Torsion size 22-24
  (retrofittable)
- UPC0030 Unity pump module for Pro-Flex LP Torsion size 25-27
  (retrofittable)
- UPC0030 Unity pump module for Pro-Flex LP Torsion size 28-30
  (retrofittable)
- UTT0001 Unity TT Valve Kit
- UTF0001 Unity TF Valve Kit
- UTF0006 Unity TF Tube Kit
- L-5446XX Icelock 544 Kit

UNITY KITS
- PXTUXXYZ Pro-Flex LP Torsion with Unity Sleeveless Vacuum
  (foot shell and sock included)
- UPL0024 Unity pump module for Pro-Flex LP Torsion size 22-24
  (retrofittable)
- UPL0030 Unity pump module for Pro-Flex LP Torsion size 25-27
  (retrofittable)
- UPL0930 Unity pump module for Pro-Flex LP Torsion size 28-30
  (retrofittable)
- UTT0001 Unity TT Valve Kit
- UTF0001 Unity TF Valve Kit
- UTF0006 Unity TF Tube Kit
- L-5446XX Icelock 544 Kit

WARRANTY
- 36 months warranty on the foot
- 24 months warranty on the pump module
- 12 months warranty on the membrane

Both the Pro-Flex XC Torsion and Pro-Flex LP Torsion are compatible with Unity® sleeveless vacuum system, which adds only minimal weight and has no extra build height. Use in conjunction with Iceross Seal-In® liners for excellent volume control and suspension.