

NEW CONCEPT HARNESS

DESIGNED FOR ARBORISTS



 **TreeFlex** by STL.

ERGONOMIC DESIGN

TreeFlex™ has been designed as a custom harness for the specific needs of today's modern arborist.

The combined efforts of experienced arborists, safety technologists and remedial personal trainers within the **TreeFlex™** team, ensure that your future health and safety is our top priority.

Because arborists have to sit, stand, twist and lean in a harness more than any other work at height, we believe that harnesses (and many other tools) currently on the market are not fulfilling the requirements of ergonomic activity in trees as well as they could be.

The **TreeFlex™** harness is designed to support the climber in an efficient seated, twisted and standing position, without the typical muscular/skeletal restrictions that some harnesses impose. Flexibility and strength have been incorporated into a versatile design, to help ensure that your daily work station is as ergonomic and safe as practicable, in a lightweight, durable and unrestrictive design.

The key design features of **TreeFlex™** are highlighted in this brochure.



TreeFlex™ was in development for just over a year. In this time we have developed one of the most exciting and innovative products to reach the market in the last five years

Patented and Registered design applies

SAFETY & STRENGTH

Anatomically designed back pad

The back pad follows the curves of the pelvic girdle to distribute weight onto the sacrum. Very little pressure is placed on the lower spine, allowing flexibility and reducing the risk of lower spine stiffness.



Raised sacrum pad and custom designed chainsaw clip point

The chainsaw should always be clipped onto the centre back clip point provided. This will pull the sacrum pad down for comfort and stabilise the harness.



Anatomically designed leg loops

Independently articulating leg loops support the legs in the most efficient position, allowing unrestricted movement of the hip joint.



Hexafoam pad lining

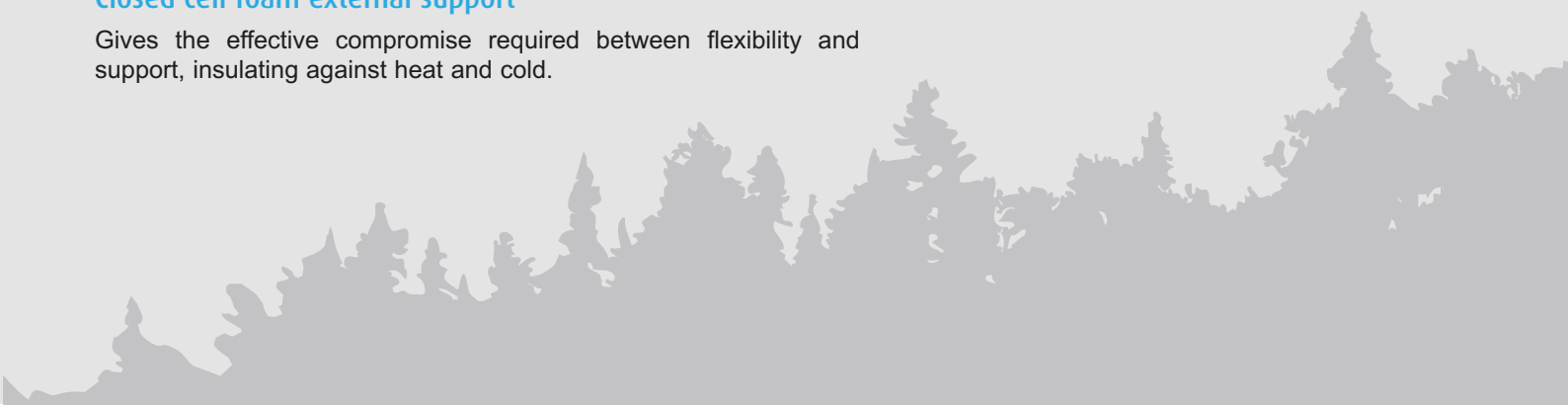
Used to line the latest clothing for professional sportsmen, we have used it to distribute pressure points effectively and to increase flexibility and comfort.

The use of modern design concepts and hi-tech materials not only provides optimum comfort but a harness weight of only 1.7kg.



Closed cell foam external support

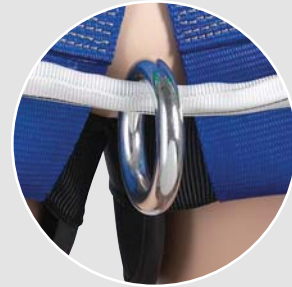
Gives the effective compromise required between flexibility and support, insulating against heat and cold.



COMFORT

Sliding bridge and fixed waist attachment points

The sliding bridge enables an unrestricted range of movement for branch walking. A fixed bridge option is also available.



Effective centre of balance adjustment

To enable the perfect working position, your centre of balance can be effectively adjusted via the leg loop attachment rings and waist adjustment straps.



Simple and secure waist adjustment and abdominal support

The waist adjustment allows the centre attachment for the chest ascender to be easily centralised with easy grip and pull friction buckles.



Colour coded adjustment straps

Colour coded straps have been used to enable you to follow important instructions for adjusting and securing the harness.

Gear loops and slots

We have formed slots in the webbing at key points, to attach first aid pouches and accessory carrying karabiners.

Additional TreeFlex™ products

A new chest harness will be available soon. The harness can be combined with TreeFlex™ to make a full body harness which complies to EN361.

A hard seat attachment will also be available. The seat can be easily attached to the harness using two clips and makes working at heights even more comfortable for prolonged periods.

