



elite blade & VT

Scott Richardson and Will Smith have won medals in the singles and doubles competitions at the recent German International ParaBadminton Tournament in Dortmund. As part of Team GB, Scott and Will competed against 14 other countries in an event that attracted over 120 international players.

The highly competitive nature of the tournament required a powerful performance from both men; Scott uses a trans-tibial prosthesis and Will, a trans-femoral. The elite blade VT feet worn by both ensured great shock absorption and superb energy response. With excellent ground compliance provided by the tripod action of the heel and toe spring.

Underlying the dynamic action of the blade VT is the Endolite Energy Management System, where loads and bending moments generated during gait are used to store elastic strain energy in the highly efficient axial, heel and toe springs. This energy is returned at toe off to ensure a smooth, energy efficient progression.

The integral torque absorption provided by the axial spring attenuates shear stress at the socket interface and allows the foot to move fluidly during sharp turns and direction changes.

The combined spring responses are critical in a fast moving game of badminton but are also necessary during daily activities in which we twist and turn naturally to adapt to our environment and to the task at hand.

The blade

Highly efficient blade style foot which optimises speed, power and running agility. The lightweight blade construction minimises distal mass and therefore reduces pistoning at the socket interface.



Blade only option: Choose Male or Female Top Housing

In keeping with the streamlined design the Male or Female connector options provide AP shift, tilt and rotational alignment in a slimline housing for socket attachment.

Fitting clamp for top housing allows set up in the clinic before cutting blade to length.

Blade with additional shock attenuation and rotation, male or female option



The VT

Elegantly contained, high spec. titanium coil spring offers integrated shock absorption and rotation that moves with the body and delivers thrust at toe off for great propulsion.

The VT fitting clamp allows safe set up in the clinic to establish optimal blade length for walking and running before cutting to length

Below: VT clamp



Prescription

Blade + VT for superior shock absorption, energy return and performance power.

Blade + Top Housing for flexibility, lightest weight and agile response.

endolite energy management system:

The synergy between the various spring elements maximises and smoothes the transfer of energy for an efficient overall performance.

