

# eliteVT

**Prescription profile:**

Trans-tibial or trans-femoral amputees  
Max weight 150kg  
Size range 24cm – 30cm  
Moderate and high impact, activity level 3 & 4

Material:	e-carbon/aluminium/steel
Component weight:	835g (without footshell)
Max. Amputee weight:	100kg K1-K4 150kg K1-K3
Build height:	170mm
Footshell height: 24/28	70mm
29/30	80mm
Heel height:	10mm
Recommended for activity level:	

Impact	Amputee Weight												Foot spring set categories
	(b) 100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-285	286-325	326-365			
(kg) 44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166				
LOW	1	1	2	3	4	5	6	7	8	9			
MODERATE	1	2	3	4	5	6	7	8	9				
HIGH	2	3	4	5	6	7	8	9					
	0	1	2	3									
	140	160	180										

**Example**

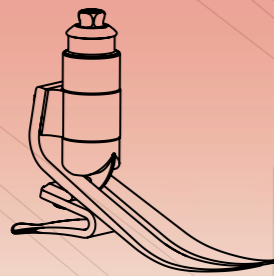
EVT 25L 7 3  
Size/side Spring set Shock spring

**Impact levels:**

- Low** Daily walking and occasional sports such as golf and hiking.
- Moderate** Aggressive walking, frequent or daily sports such as jogging.
- High** Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes.

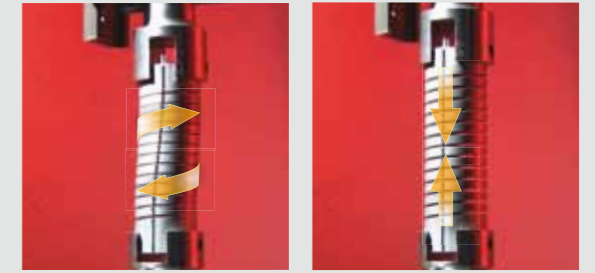


Go the distance with the eliteVT  
 The new Vector Thrust™ system that delivers a level of power and control, which sets a new pace in prosthetic foot technology.



## This is no ordinary shock attenuation device

It's a highly technical, machined coil that absorbs impact loads and torsional shear. It delivers energy at critical points to enhance all activities



## TESTIMONY



Choletan Senior  
Fitness Instructor

"The good thing about this foot is that it allows the knee to move without the foot moving as well. I feel a lot more confidence and a lot more balance.

It's an all-rounder! Instead of having one running leg, one for rock climbing and one for walking you can have the eliteVT and do several aspects at the same time."



## This is no ordinary set of foot springs

It's a finely tuned pair of e-carbon springs that smoothly transfer body mass from one stride to the next



## This is no ordinary Foot

The eliteVT delivers strength, power and control with looks to match

## The Benefits

An effective energy management system is one which converts the potential and kinetic energy of the amputee's motion into elastic strain energy in the various sprung elements of the foot. This is returned efficiently at the most appropriate points in the gait cycle.

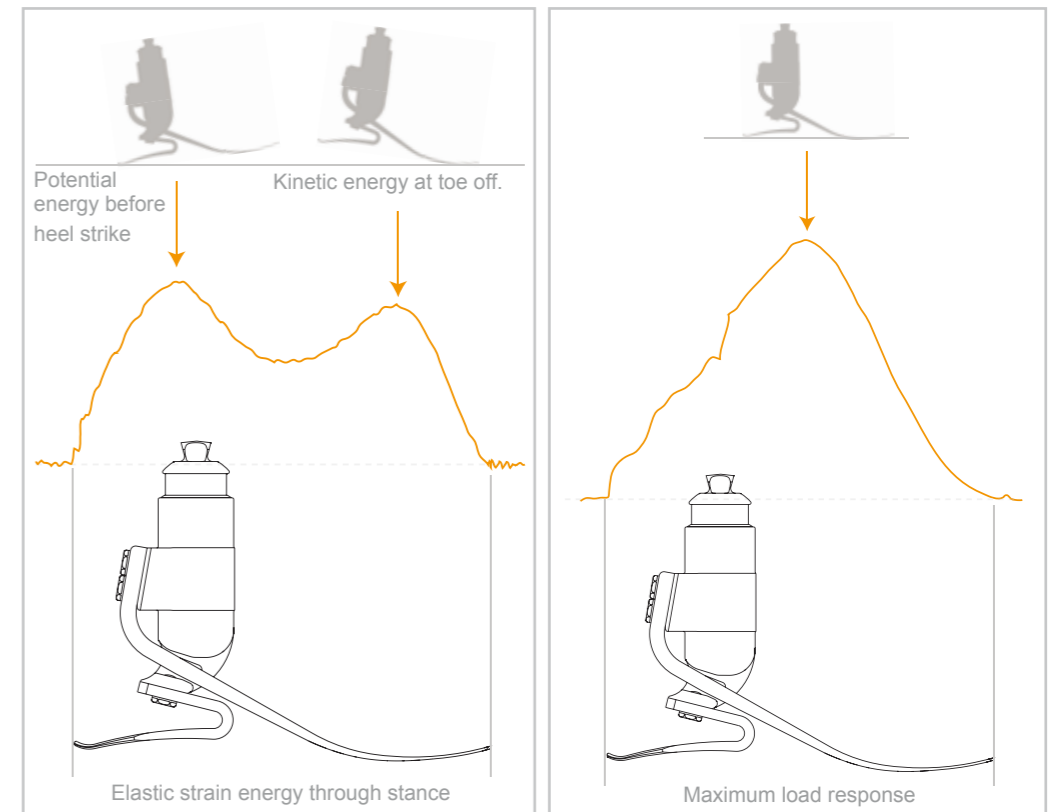
The eliteVT enhances forward progression because the combined action of the axial spring system and e-carbon foot springs returns energy at two points in the gait cycle during walking:

- **Progressive transfer from heel strike to mid-stance**
- **Responsive push off**

When running this fluid action changes to a single loading response:

- **Powerful loading and return of energy**

The elite VT smoothly manages both requirements by combining the properties of the axial spring and the foot springs to result in a biomimetic balance similar to that provided by the combined tibial muscle and foot arch action in the natural foot.



## Actively comfortable

The system's torsional compliance reduces shear forces at socket interface. The axial spring is active throughout stance phase ensuring a smooth energy management from heel strike to toe off.