

The new Unilateral Joint System

Modern and multifunctional



Quality for life

Say **hello** to modern AFO and KAFO design.

The new Unilateral Joint System brings AFO and KAFO design into the 21st century. Our modular system components are small, sleek, easy to fit, and perfectly integrated.

Knee and ankle joints come in your choice of steel or titanium and are suitable for orthoses made with thermoplastic, prepreg or lamination. They are available in four system sizes for adult and pediatric fittings and can be used on the medial side, lateral side, or both.

Selecting joint size is easy — simply match components to your patient's weight and upright configuration. Suitable for patient weights up to 240 lbs/110 kg for unilateral (single upright) use and up to 350 lbs/160 kg for bilateral (double upright) use.

The Unilateral Joint System comes with a 2-year limited warranty.



Fabrication Support

Ottobock Fabrication Services brings years of fabrication experience to every Orthotics job. We are here to help you every step of the way with AFO, KAFO, SCO, and C-Brace fabrication. Our team is experienced in the use of all materials including plastics, laminates, and prepreg, and we pride ourselves on high customer satisfaction. Our goal is to function as an extension of your practice. Call us at 800 328 4058.

17LK3 Unilateral Knee Joint

Lightweight and proven

The lightweight construction of the 17LK3 Unilateral Knee Joint makes it particularly attractive. This system knee joint with a wedge lock comes with a temporary switch for releasing the joint for activities such as training on a therapeutic bike.

Indications

Partial or total paralysis of the leg muscles. Indication must be determined by a physician.

Matching thermoplastic bar
17LV3* (not included)

Matching lamination lancet:
17LS3* (not included)

Matching lamination dummy:
30Y268* (included)

Temporary switch for releasing the joint:
17Y162=* (optional, included)

Option:

Temporary Switch

17Y162=* is an additional option that can also be installed later into the knee joint. It enables the knee joint to be set to a temporary, open position, e.g. for training on a therapeutic bike. The temporary switch is included in the scope of delivery.



17LA3 Unilateral Ankle Joint

Small and versatile

The 17LA3 Unilateral Ankle Joint has a foot-lifting effect and is small, lightweight, and versatile. Range of motion is continuously adjustable between -20° and +20° to meet your patient's specific needs.

Indications

Partial or total paralysis of the leg muscles. Indication must be determined by a physician.

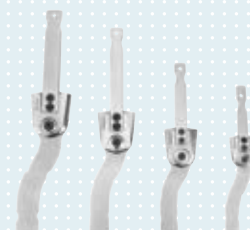
Matching thermoplastic bar
17LV3* (not included)

Matching lamination lancet:
17LS3* (not included)

Matching foot stirrup:
17LF3* (not included)

Matching lamination dummy:
17LD1* (not included)

Matching unilateral system knee joint:
17LK3* and 17LS3* matching lamination bars



Notice

When using the knee or ankle joint unilaterally, and in case of flexion contracture in the knee or hip > 10° or distinct torsion or valgus/varus instabilities or valgus/varus malpositions > 10° or increased bodily activity, the next higher size must be used. For tubercle seat, the product must be fitted bilaterally.

Unilateral Knee and Ankle Joints

Low profile design for a modern fitting

Advantages at a glance

- ▶ Lightweight, durable construction
- ▶ Simplified, weight-rated component selection
- ▶ One system for adults and children
- ▶ Modular design

Unilateral Ankle Joint combination possibilities

Combination		Application
Anterior installation	Posterior installation	
Stop pin	Stop pin	e.g. ICP or Spina Bifida
Spring	Stop pin	e.g. in case of distinct hyperextension of the knee joint
Spring stop	Stop pin	e.g. in case of distinct hyperextension of the knee joint, but with additionally adjustable damped dorsal stop
Spring	Spring	e.g. in case of weakness of the lower leg muscles
Stop pin	Spring	Dorsiflexion support, e.g. in case of peroneal paralysis with no muscular knee joint protection
Spring stop	Spring	e.g. in case of pareses of the lower leg muscles
Spring	Spring stop	e.g. in case of weakness of the lower leg muscles with a tendency toward hyperextension of the knee joint
Stop pin	Spring stop	Dorsiflexion support, e.g. in case of pareses of the lower leg muscles without muscular knee joint protection
Spring stop	Spring stop	e.g. in case of pareses of the lower leg muscles with weakness of the knee-protecting muscles

Knee Joint Ankle Joint	Maximum patient weight (lbs/kg)			
	17LK3=12 (-T) 17LA3=12 (-T)	17LK3=14 (-T) 17LA3=14 (-T)	17LK3=16 (-T) 17LA3=16 (-T)	17LK3=20 (-T) 17LA3=20 (-T)
Unilateral use (lateral or medial)	44/20	110/50	187/85	242/110
Bilateral use (lateral and medial)	88/40	176/80	264/120	352/160

(-T)=Titanium version