

ORTHO
SYSTEMS

2000
2026
Years in motion



Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

Catalogue
Excerpt

Orthotics 14.0
Valid from July 2026

Shuttle Ankle Joint



Features

Sizes available for **small to large** patients

Interchangeable movement stops. **No grinding necessary!**

+ Maintenance free, sustained joint friction **resists foot drop** during swing phase without springs

+ **Adjustable friction** for a smooth heel rocker

Additional functions with the **Uno-back, Turbo, Uno-front, Dor and Flex** add-ons

Cartridge system for **quick and easy adjustment** of movement stops

Upper section fabricated from **high-strength aluminum**

Machined brass movement stops guarantee **exact angles** throughout the lifetime of the orthosis

+ **Up to 12° dorsiflexion and 12° plantarflexion stops**

Noise dampening, quiet operation promotes acceptance

+ **Independent adjustment of ankle angle** up to 15° in each direction

Lightweight, rigid aluminum stirrup

Standard

Fully assembled as one item for clear cost estimates and uncomplicated ordering

Integrated upright bar ensures **optimal transfer of force**

Upper section **CNC-machined from one piece** of material for increased stability

Precise assembly calibrated to 1/100mm with self-lubricating washers for smooth operation free of play

Maintenance-free stainless steel joint assembly with bronze bushing

Unrivalled **20-month guarantee**

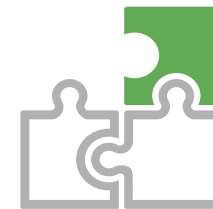
Engraved **serial number** for traceability

Clearly illustrated instructions for use

Fig. left



We recommend using our configurator to make your selection.
The configurator considers, among other factors, weight to height ratios.



Weight Classification (body weight)			Joint	
Article No.	AFO/KAFO	HKAFO/RGO	Width	Thickness
Shuttle-22	up to 15 kg	up to 15 kg	22 mm	15,5 mm
Shuttle-25	up to 25 kg	up to 25 kg	25 mm	18,0 mm
Shuttle-28	up to 35 kg	up to 35 kg	28 mm	18,0 mm
Shuttle-30	up to 45 kg	up to 45 kg	30 mm	21,0 mm
Shuttle-32	up to 55 kg	up to 55 kg	32 mm	21,0 mm
Shuttle-34	up to 70 kg	up to 70 kg	34 mm	22,0 mm



Adjustable Alignment



Modular

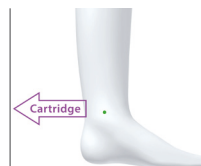
Force Options



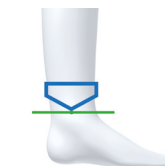
Range of Motion



Swing Phase



Quick Adjustment



Interchangeable Stops



No Grinding Necessary



Noise Dampening



Water Resistant



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