

ORTHO
SYSTEMS

2000
2026
Years in motion



Excellence in Neuro-Orthopedics

Your Patient – Our Contribution

Catalogue
Excerpt

Orthotics 14.0
Valid from July 2026

Functional Overview Free Motion Posterior Offset Knee Joints

All knee joints are shipped fully assembled. The titanium joints are free of play, self-lubricating, dirt-resistant and available in 5-7 sizes per model.
All models feature an extension stop damper. Modular extension assist options can be added or changed at any time.



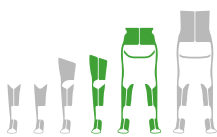
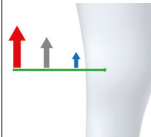
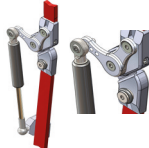
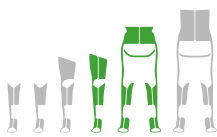
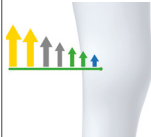
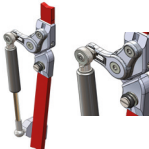
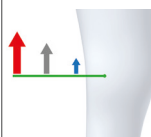
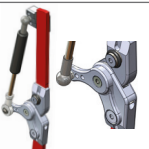
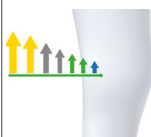
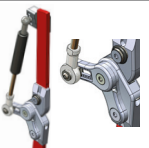
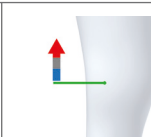
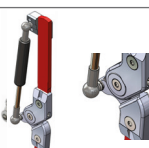
Orthosis	Locked	Extension	Flexion	Posterior Offset	Modular	Force Options	No Grinding Necessary	Noise Dampening	Water Resistant	
										Liber Pages 88-89
										Liber-IN Pages 94-95
										Indi Pages 100-101

► Information on “HKAFO instead of KAFO” can be found on pages 74 -75.

Functional Overview Free Motion Posterior Offset Knee Joints with Extension Assist

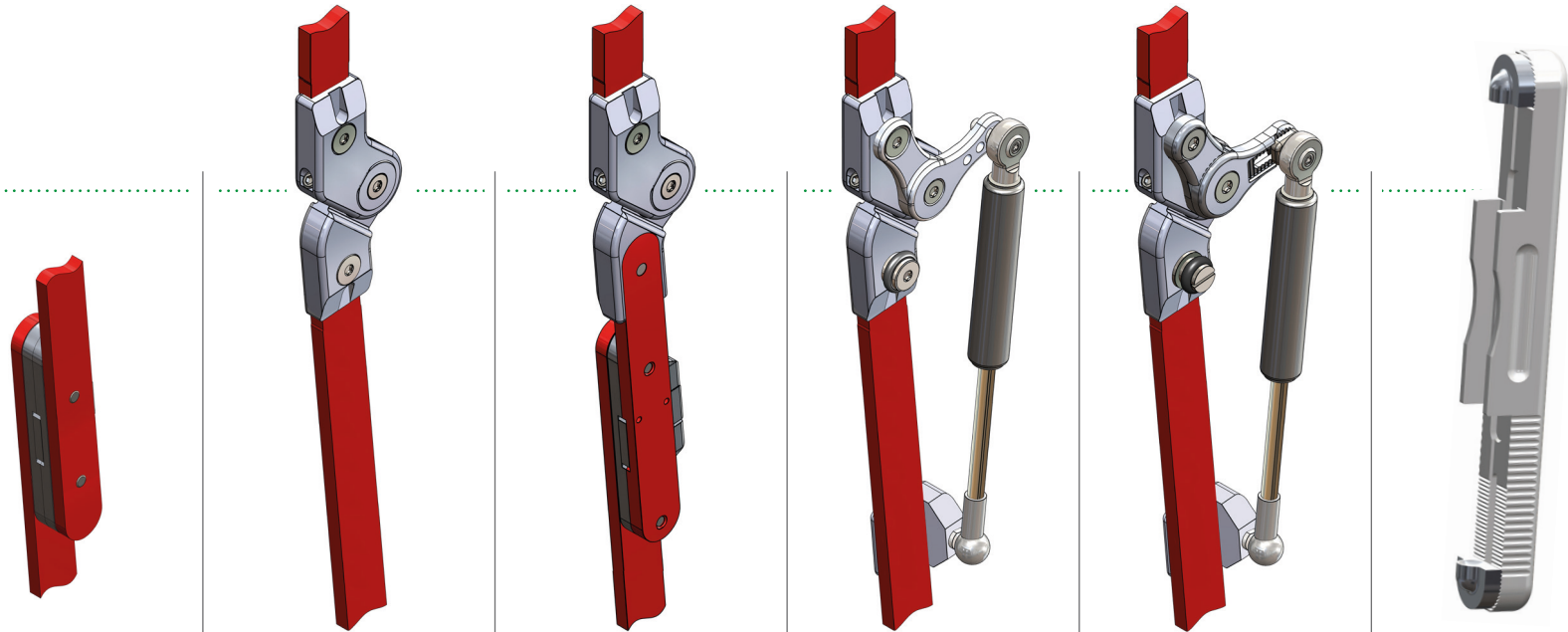
Modular, expandable knee joints available as a combi-product with accessories. The modular options, such as Extensor and Strecker, can be added or exchanged at anytime and enhance the function of the knee joint. All cylinders are available in wide range of forces.



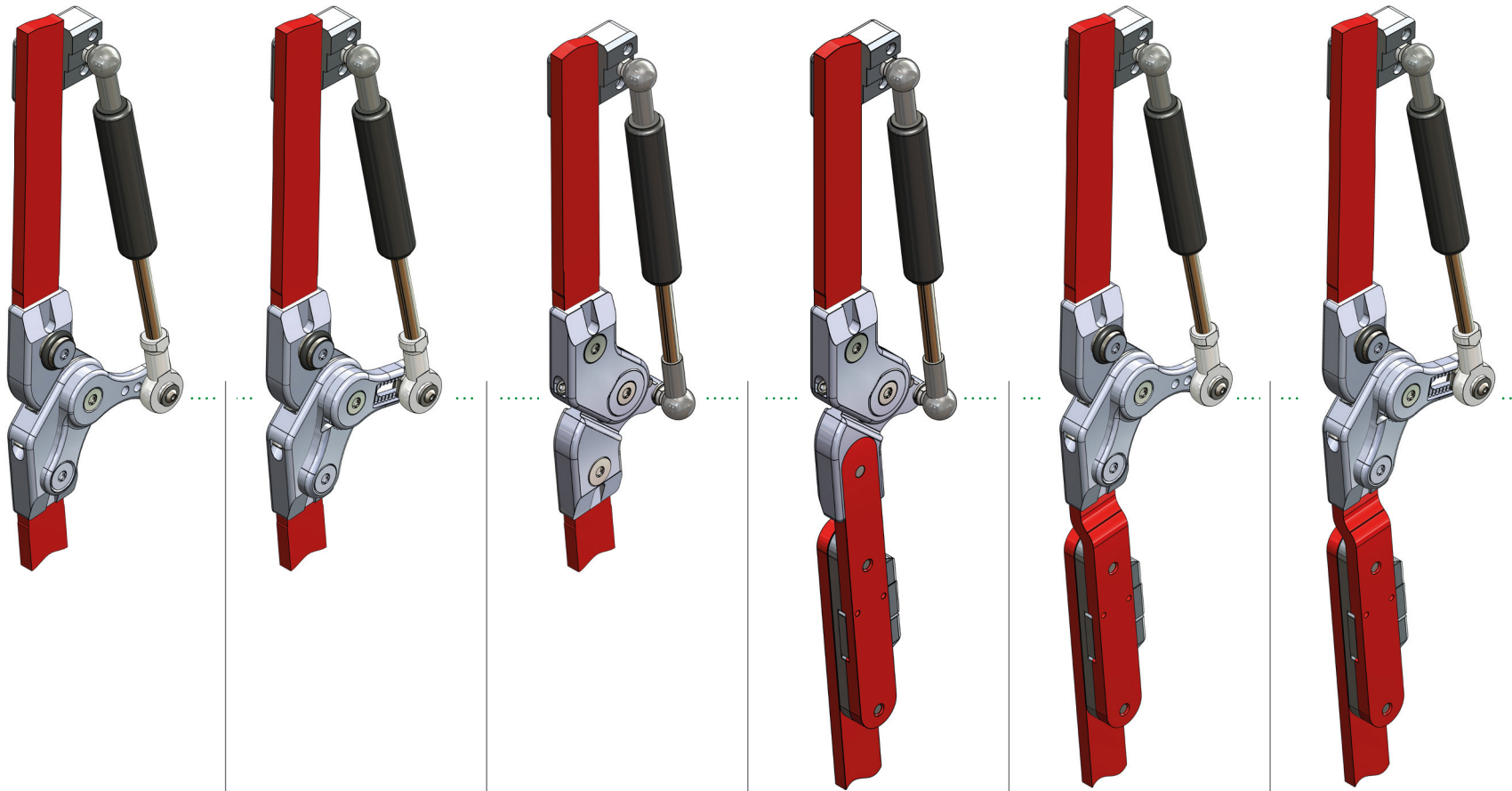
Orthosis	Locked	Extension	Flexion	Posterior Offset	Modular	Force Options	No Grinding Necessary	Noise Dampening	Water Resistant	
										 Liber-with Extensor-S Pages 90-91
										 Liber-with Extensor-N Pages 92-93
										 Liber-IN with Extensor-IN-S Pages 96-97
										 Liber-IN with Extensor-IN-N Pages 98-99
										 Indi with Strecker Pages 102-103

Free Motion Knee Joints with Extension Assists and Separators

The modular accessories Extensor and Strecker can be added at any time to provide a functional expansion of the knee joint. Equipping the orthosis with a Separator enables detachment of the AFO section. The **Donning Aid Rudi** allows the cylinder to be held in any position between 90° and 150° (30°). When using the Extensor-S or Strecker models, the cylinder can be removed together with the donning aid.



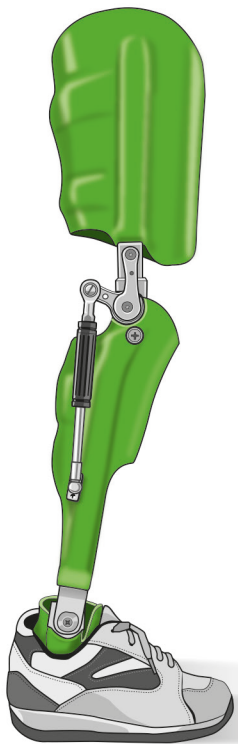
Knee Joint Type		Liber	Liber	Liber-	Liber-	
Application		HKAFO / KAFO	HKAFO / KAFO	HKAFO / KAFO	HKAFO / KAFO	
Modular Add-on				with Extensor-S	with Extensor-N	
Force Adjustment				3 Positions	7 Positions	
Max. Flexion Angle		140°	140°	115°	95 to 125°	
Assitive Force				up to max. force possible	normal force	
Cylinder Detachable						
Thickness						
Build Height						
Donning Aid				yes	yes	Rudi Donning Aid
Addition	Separator-E		Separator-S			
Change from	RGO/HKAFO/KAFO to AFO		HKAFO/KAFO to AFO			
Growth Adjustment			via the Separator in lower leg			
	Pages 140-141	Pages 88-89	Pages 88-89, 142-143	Pages 90-91	Pages 92-93	Pages 146 - 147



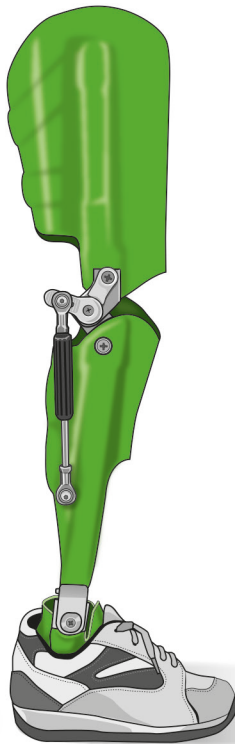
Knee Joint Type	Liber-IN-	Liber-IN-	Indi-	Indi-	Liber-IN-	Liber-IN-
Application	HKAFO / KAFO	HKAFO / KAFO	HKAFO / KAFO	HKAFO / KAFO	HKAFO / KAFO	HKAFO / KAFO
Modular Add-on	with Extensor-S-IN	with Extensor-N-IN	with Strecker	with Strecker	with Extensor-S-IN	with Extensor-N-IN
Force Adjustment	3 Positions	7 Positions	1 Position	1 Position	3 Positions	7 Positions
Max. Flexion Angle	115°	95° to 125°	115°	115°	115°	95° to 125°
Assitive Force	up to max. force	normal force	up to max. force	up to max. force	up to max. force	normal force
Cylinder Detachable	possible		possible	possible	possible	
Thickness			slimmer	slimmer		
Build Height			reduced	reduced		
Donning Aid	yes	yes	yes	yes	yes	yes
Addition				Separator-S	Separator-X	Separator-X
Change from				HKAFO/KAFO to AFO	HKAFO/KAFO to AFO	HKAFO/KAFO to AFO
Growth Adjustment				via the Separator in lower leg	via the Separator in lower leg	via the Separator in lower leg
	Pages 96-97	Pages 98-99	Pages102- 103	Pages 102-103, 142-143	Pages 96-97, 144-145	Pages 98-99, 144-145

KAFO Examples

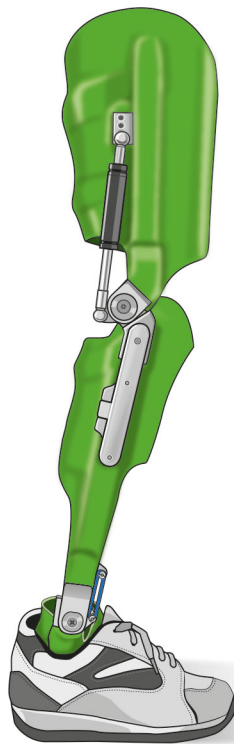
You have patients who need support with knee extension. For temporary but otherwise locked functions, the Konso-Move offers assistance and also aids when standing up and sitting down. For those requiring support over longer distances, consider the Liber-Extensor. Additionally, if you're looking for a KAFO that can also be worn separately as an AFO (K+AFO), the Indi-Strecker with a Separator might be the right choice. For patients dealing with knee instability and weak extensors, the free-motion, posterior offset Liber knee joint is an option, and offers the potential for functional expansion.



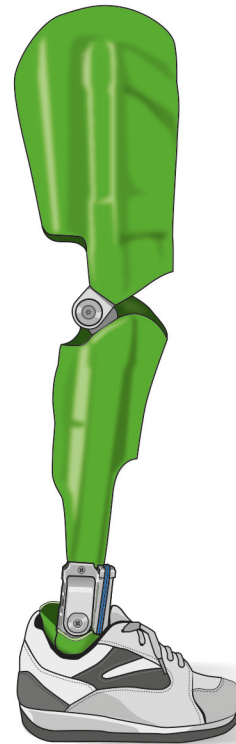
Konso-Move
with Naveta



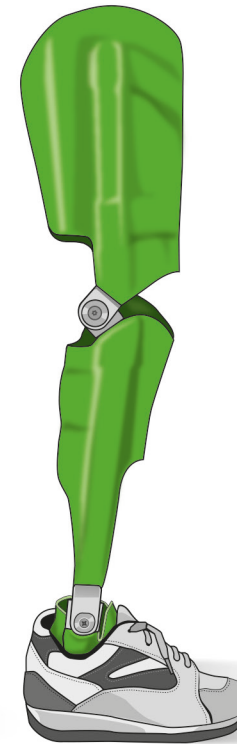
Liber-Extensor
with Naveta



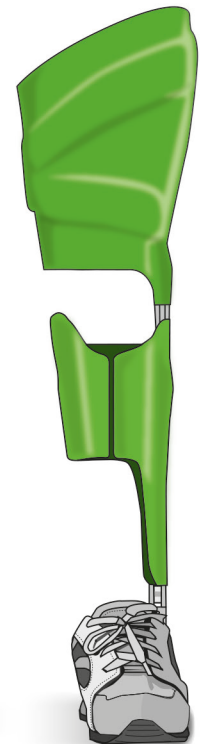
Indi-Strecker and Separator
with Ela-Dor



Liber
with Shuttle-Uno-front



Liber Knee Joint
with Jumper Ankle Joint



Functional Overview Locked Knee Joints

All knee joints are shipped fully assembled. The joints are free of play, self-lubricating, dirt-resistant and available in at least 6 sizes per model.

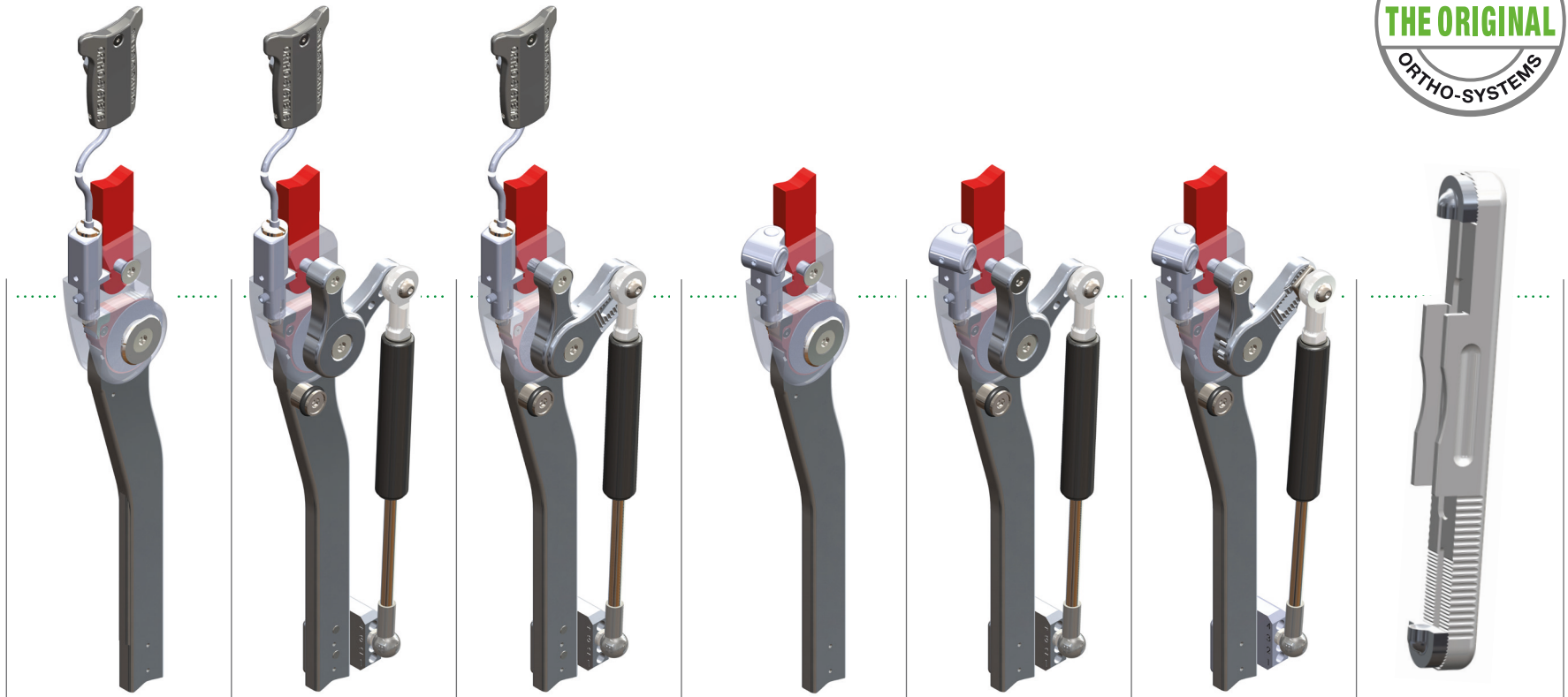
Modular extension assist options can be added or changed at any time. These accessories enhance the function of the knee joint.



Orthosis	Locked	Extension	Flexion	Posterior Offset	Modular	Force Options	No Grinding Necessary	Locking Mechanism	Water Resistant	
										Varo-KA-0 Pages 108 -109
										Varo-PS-0 Pages 114 -115
										Konso-5 Pages 120 -121
										Konso-0 Pages 126 -127
										Klassik-Konso Pages 132 -133
										Blocker Pages 134 -135
										Klassik-Konso with Slide Pages 136 -137

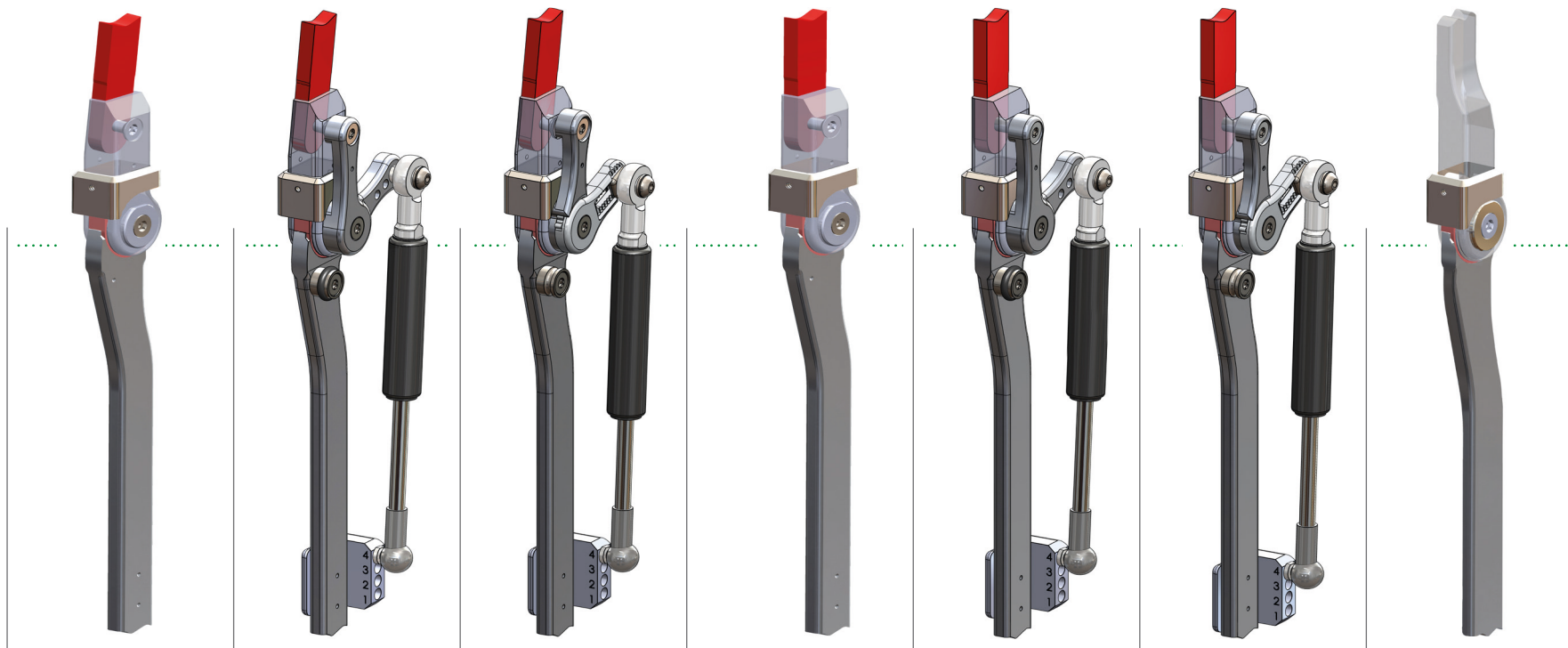
Orthosis	Locked	Extension	Flexion	Posterior Offset	Modular	Force Options	No Grinding Necessary	Locking Mechanism	Water Resistant	
										Varo-KA-0 with Dynamic-0-S Pages 110 - 111
										Varo-KA-0 with Dynamic-0-N Pages 112 - 113
										Varo-PS-0 with Dynamic-0-S Pages 116 - 117
										Varo-PS-0 with Dynamic-0-N Pages 118 - 119
										Konso-5 with Move-5-S Pages 122 - 123
										Konso-5 with Move-5-N Pages 124 - 125
										Konso-0 with Move-0-S Pages 128 - 129
										Konso-0 with Move-0-N Pages 130 - 131

Locked Knee Joints with Extension Assist

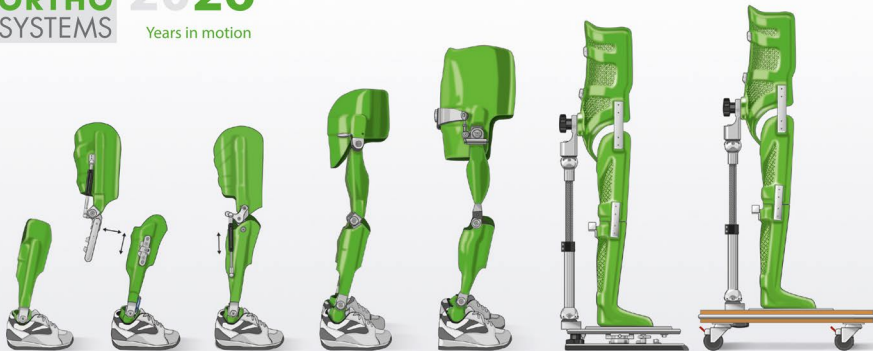


Knee Joint Type	Varo-KA-0	Varo-KA-0	Varo-KA-0	Varo-PS-0	Varo-PS-0	Varo-PS-0	
Application	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	
Modular Add-on		Dynamic-0-S	Dynamic-0-N		Dynamic-0-S	Dynamic-0-N	
Force Adjustment		3 Positions	7 Positions		3 Positions	7 Positions	
Max. Flexion Angle	130°	115°	95 to 125°	130°	115°	95 to 125°	
Assitive Force		up to max. force	normal force		up to max. force	normal force	
Cylinder Detachable		possible			possible		
Locking Mechanism	Cable Release	Cable Release	Cable Release	Pre-select	Pre-select	Pre-select	
Unlock	Satellite	Satellite	Satellite	Push button	Push button	Push button	
Lock	Satellite	Satellite	Satellite	Push button	Push button	Push button	
Unlocked (maintained)	Satellite (unlocked)	Satellite (unlocked)	Satellite (unlocked)	Push button (unlocked)	Push button (unlocked)	Push button (unlocked)	
Donning Aid		yes	yes		yes	yes	Donning Aid Rudi
	Pages 108-109	Pages 110-111	Pages 112-113	Pages 114-115	Pages 116-117	Pages 118-119	Pages 146-147

► See pages 82–83
for extension assist
applications



Knee Joint Type	Konso-5	Konso-5	Konso-5	Konso-0	Konso-0	Konso-0	Klassik-Konso
Application	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO	KAFO/HKAFO/RGO
Modular Add-on		Move-5-S	Move-5-N		Move-0-S	Move-0-N	
Force Adjustment		3 Positions	7 Positions		3 Positions	7 Positions	
Max. Flexion Angle	130°	115°	95 to 125°	130°	115°	95 to 125°	130°
Assitive Force		up to max. force	normal force		up to max. force	normal force	
Cylinder Detachable		possible			possible		
Locking Mechanism	Drop lock	Drop lock	Drop lock	Drop lock	Drop lock	Drop lock	Drop lock
Unlock	Lift drop lock	Lift drop lock	Lift drop lock	Lift drop lock	Lift drop lock	Lift drop lock	Lift drop lock
Lock	Auto-locking	Auto-locking	Auto-locking	Auto-locking	Auto-locking	Auto-locking	Auto-locking
Unlocked (maintained)	Spring plunger	Spring plunger	Spring plunger	Spring plunger	Spring plunger	Spring plunger	(Spring plunger)
Donning Aid Rudi		yes	yes	yes	yes	yes	
	Pages 120-121	Pages 122-123	Pages 124-125	Pages 126-127	Pages 128-129	Pages 130-131	Pages 132-133



Contact

You can reach us from
by telephone
per Fax
per E-Mail
Address
Contact persons

9 am to 5 pm (Germany)
+49 89 904 7575 0
+49 89 904 7575 5
kontakt@ortho-systems-mail.de
Merowingerstr. 14, 85551 Kirchheim, Germany
Jeff Matwichuk and Thomas Böckh

www.ortho-systems-inmotion.com