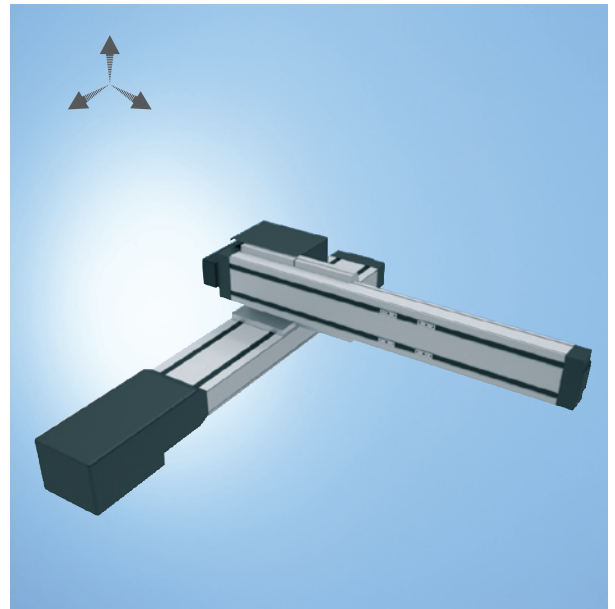


# Examples – Two-axis systems

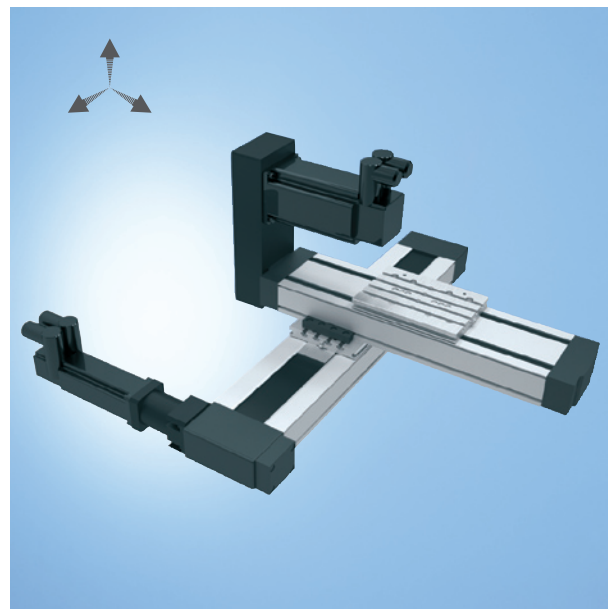
CMS	
Part number	R035770020
Technology	Pre-assembled two-axis system with motor, drive unit, control system, servo controller, operator control unit, and cable set
Axes	(X) CKK 20-145 / (Y) CKK 15-110
Advantages	System pre-configured for immediate start-up. Fast selection on the internet or by your sales partner. Two-axis system selectable in two sizes with three configuration variants each

Application example:	
Handling for medical technology	
Payload	max. 20 kg
Linear speed	max. 1.0 m/s
Stroke	max. 1000 mm
Repeatability	high



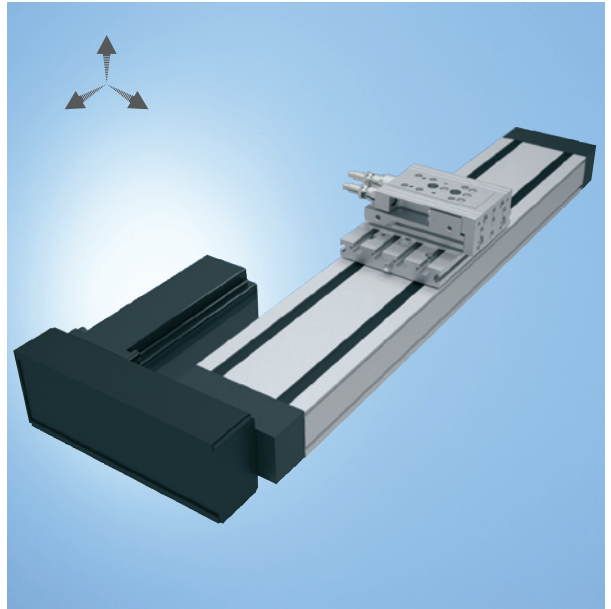
camoLINE	
Part number	R115950024
Technology	Two-axis system, completely pre-assembled, with motors attached
Axes	(X) CKK 15-110 / (Y) CKR 15-110
Advantages	Flexibility thanks to modular building system principle. Standardized modular dimensions and spacing minimize installation effort. Easy-2-Combine interface for combining electric axes and pneumatic components

Application example:	
ABS valve housing production	
Payload	10 kg
Linear speed	0.75 m/s - max. 0.77 m/s
Stroke	max. 1720 mm
Repeatability	medium



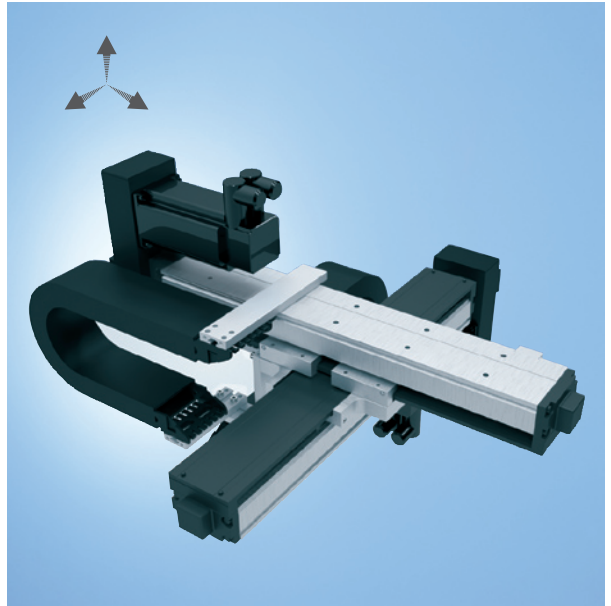
camoLINE	
Part number	R115950032
Technology	Two-axis system, completely pre-assembled, with belt side drive for servo motor. Pneumatic component Mini Slide MSC attached via connection plate
Axes	(X) CKK 12-90 / (Y) Mini Slide MSC
Advantages	Flexibility thanks to building system principle, allowing easy mounting with centering rings and clamping fixtures

Application example: Pick & Place	
Payload	up to 2.8 kg at the gripper
Linear speed	0.77 m/s
Stroke CKK	330 mm
Stroke MSC	30 mm
Repeatability	high



Efficient Handling Solutions	
Part number	R115800196
Technology	Two-axis system (X-Y table) with glass scale, cable management chains and timing belt side drive
Axes	(X) PSK 90 / (Y) PSK 90
Advantages	Highest precision due to robust modules with high rigidity and straightness. High travel speeds and accelerations even with heavy loads

Application example: Precision laser machining	
Payload	20 kg
Linear speed	0.5 m/s
Stroke	up to 800 mm
Repeatability	very high
Special feature	Combination with glass scale for highest precision



# Examples – Two-axis systems

## Efficient Handling Solutions

<b>Part number</b>	R115800186
<b>Technology</b>	Two-axis system with connecting shaft, cable management chain and servo motor
<b>Axes</b>	(X) 2 x MKR 15-65 / (Y) MKK 15-65
<b>Advantages</b>	High travel speeds with heavy loads thanks to toothed belt drive

<b>Application example:</b>	<b>Automotive assembly line</b>
Payload	28 kg
Linear speed	0.5 m/s
Stroke	up to 10000 mm
Repeatability	medium

