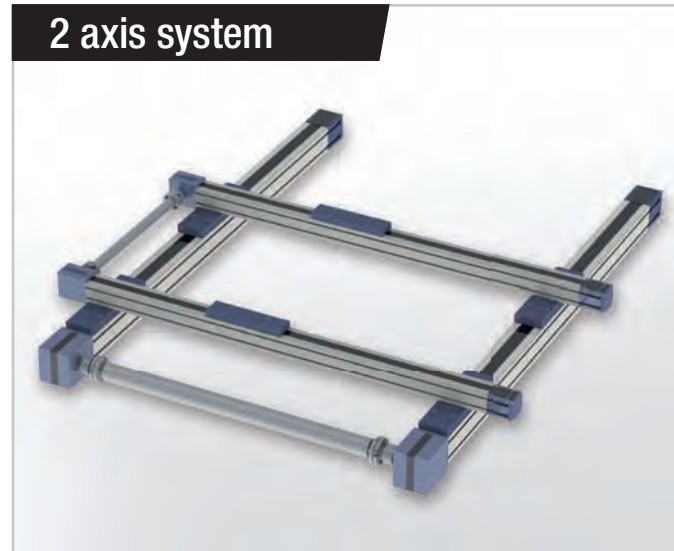


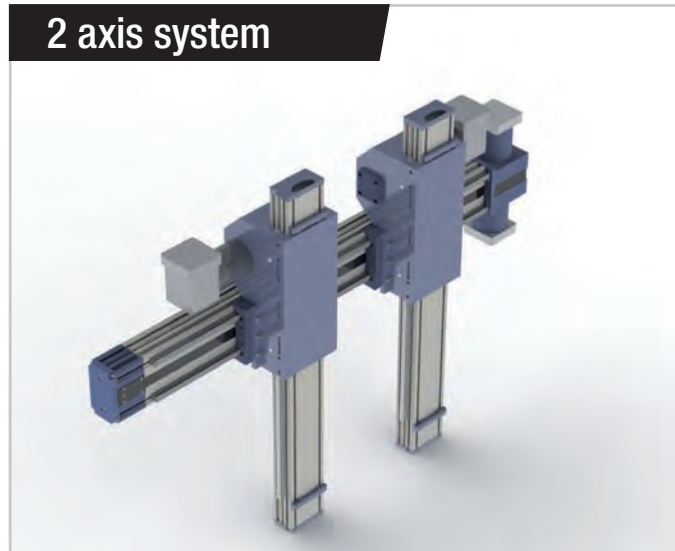
Multi-axis systems



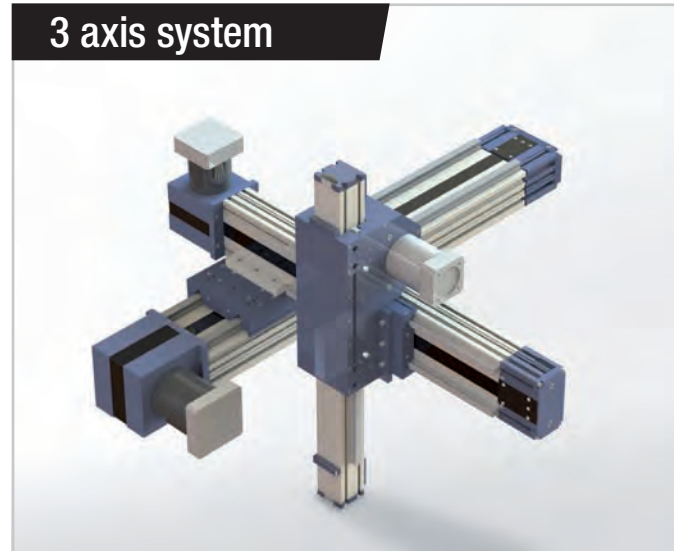
2 axis system



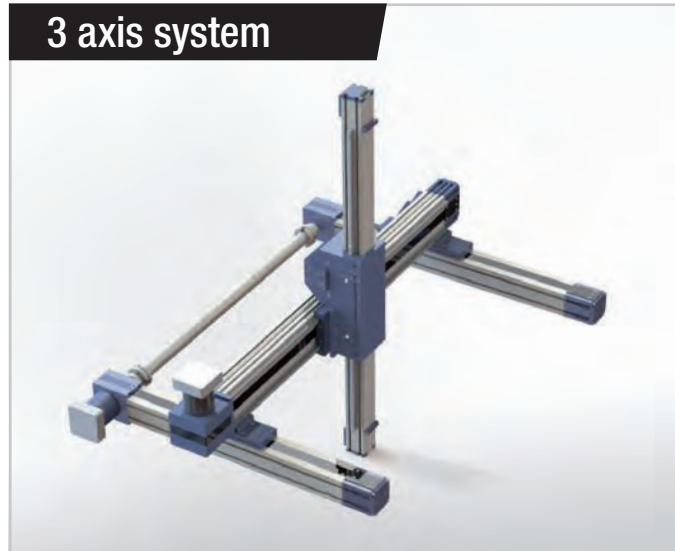
2 axis system



3 axis system



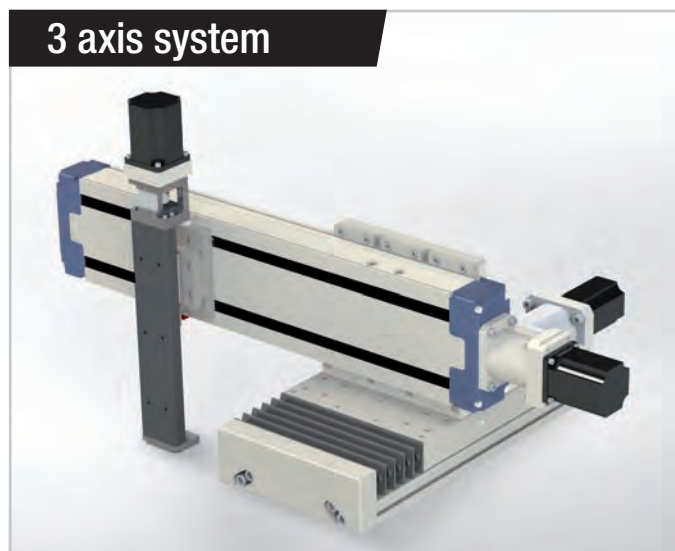
3 axis system



3 axis system



3 axis system



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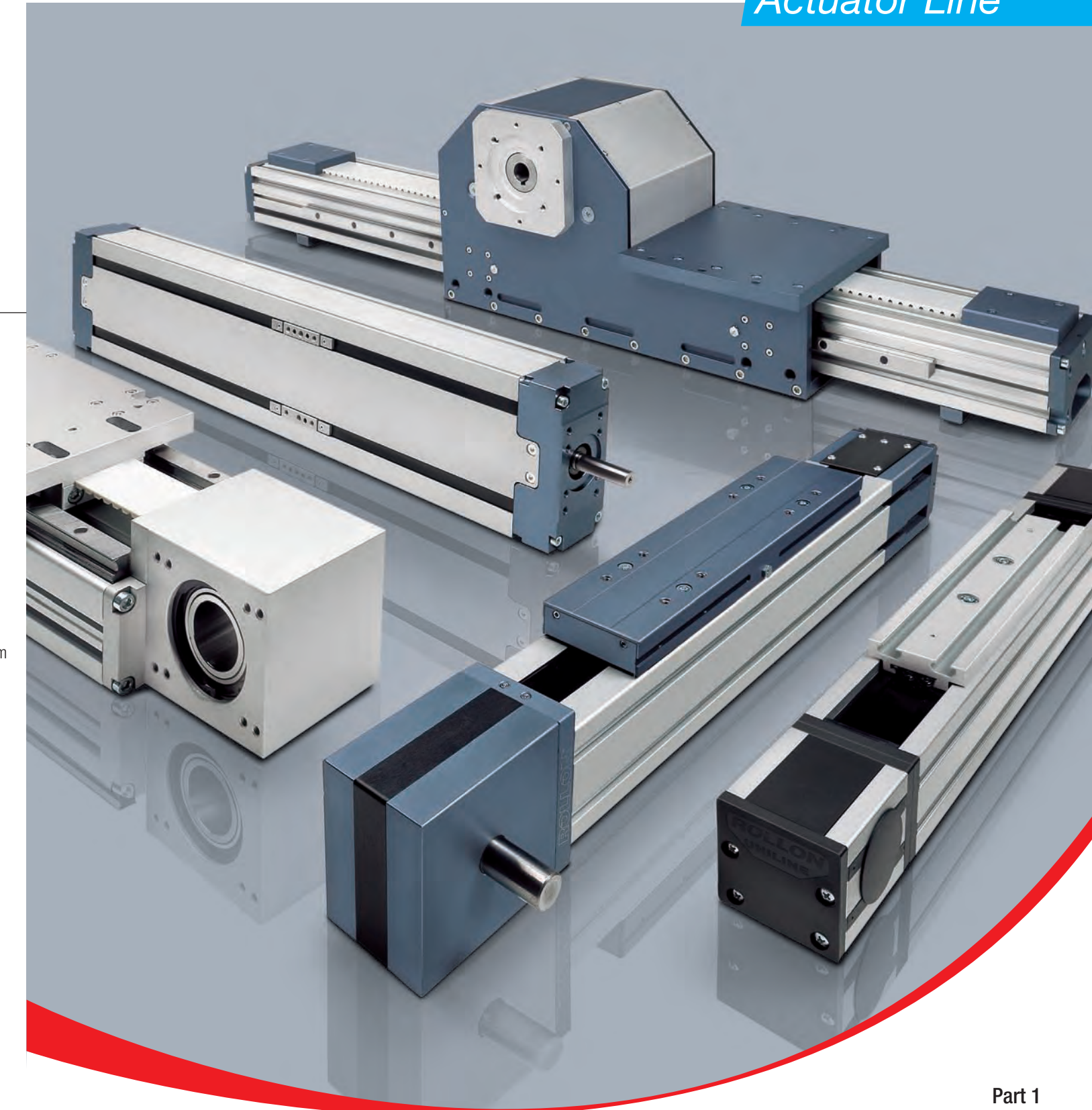
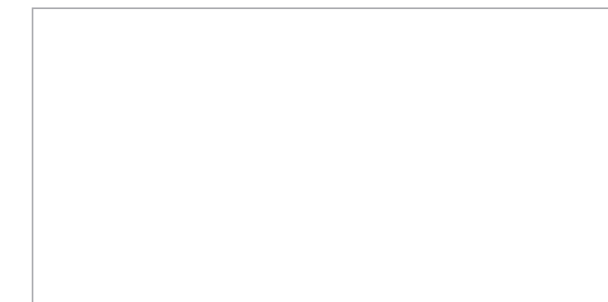
R. Joaquim Floriano, 397, 2o. andar  
Itaim Bibi - 04534-011, São Paulo, BRASIL  
Phone: +55 (11) 3198 3645  
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Consult the other ranges of products



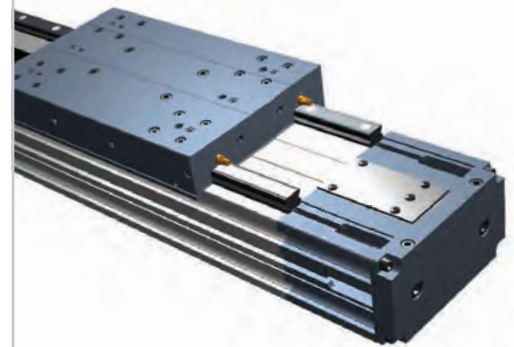
All addresses of our global sales partners can also be found at [www.rollon.com](http://www.rollon.com)

Distributor



## Product families

### Plus System



- > Intended for critical environment conditions
- High cycle loads
- Anticorrosion version available

### Smart System



- > High quality/price ratio
- Self-supporting structure
- Suitable for multi-axis system

### Uniline System



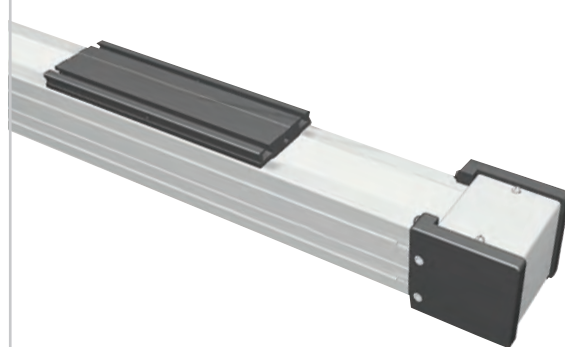
- > High speed
- Compact rail with radial ball bearing rollers
- Easy assembly

### Clean Room System



- > Designed for clean room
- Low particles emission
- Clean room ISO 14644-1 or FED STD 209E certification

### Eco System



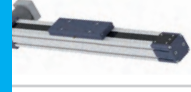











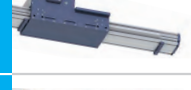







































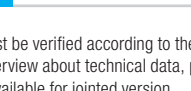



- > Light weight
- Simple construction
- Long strokes

### Precision System



- > Ball screw driven for high precision
- Rigid design
- Suitable for multi-axis system

## Technical features overview

Reference		Section		Driving			Anticorrosion	Protection	Size	Max. load capacity per carriage [N]			Max. static moment per carriage [Nm]			Max. travel speed [m/s]	Max. acceleration [m/s <sup>2</sup> ]	Repeatability accuracy [mm]	Max. travel or stroke (per system) [mm]	
Family	Product	Balls	Rollers	Toothed belt	Ball screw	Rack and pinion				F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>					
Plus System		ELM								50-65-80-110	4440	79000	79000	1180	7110	7110	5	50	± 0,05	6000*
		ROBOT								100-130-160-220	8510	158000	158000	13588	17696	17696	5	50	± 0,05	6000*
		SC								65-130-160	5957	86800	86800	6770	17577	17577	5	50	± 0,05	2500
Clean Room System		ONE								50-80-110	4440	92300	110760	1110	9968	8307	5	50	± 0,05	6000*
Smart System		E-SMART								30-5-80-100	4440	87240	87240	1000	5527	5527	4	50	± 0,05	6000*
		R-SMART								120-160-220	8880	237000	237000	20145	30810	30810	4	50	± 0,05	6000*
		S-SMART								50-65-80	2250	51260	51260	520	3742	3742	4	50	± 0,05	2000
Eco System		ECO								60-80-100	4070	43400	43400	570	4297	4297	5	50	± 0,05	6000*
Uniline System		A/C/E/ED/H								40-55-75-100	1000	25000	17400	800,4	24917	15752	9	20	± 0,05	5700*
Precision System		TH								90-110-145	27000	86800	86800	3776	2855	2855	2		± 0,005	1500
		TT								100-155-225-310	58300	230580	274500	30195	26627	22366	2,5		± 0,005	3000
		TV								60-80-110-140	58300	48400	48400	2251	3049	3049	2,5		± 0,01	4000
		TK									40-60-80	12462	50764	50764	1507	622	622	1,48		± 0,003

Reported data must be verified according to the application.  
For a complete overview about technical data, please consult our catalogues at [www.rollon.com](http://www.rollon.com).  
\* Longer stroke is available for jointed version

