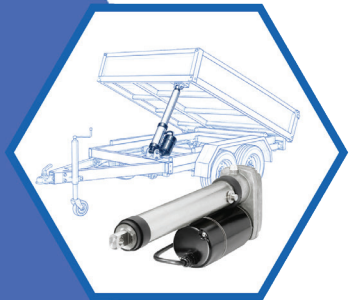
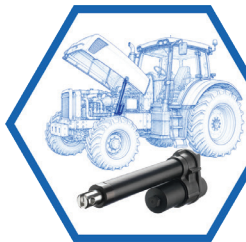
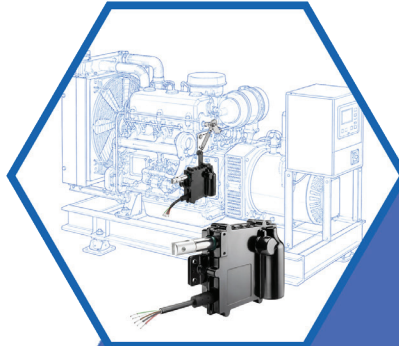


BIBUS

Linear Actuator Precise Motion. Reliable Performance.





Engineering & Integrated Solutions

More than components. Engineering expertise built around your application.

At BIBUS (UK) Ltd, we combine proven technologies with engineering expertise to deliver reliable, efficient motion and control solutions tailored to each application. From product selection and system integration to ongoing technical support, we work closely with customers to provide the right solution for their needs.

Engineering & System Solutions

Application engineering, system integration and customised assemblies developed around specific customer requirements.

Mechatronics & Motion Control

Electric linear actuators, linear motion systems, lifting columns, position feedback, CAN bus integration and actuator control solutions for precise and dependable movement.

Sensors & Control Interfaces

Advanced sensing and control technologies including capacitive and optical sensors, touchless interfaces, safety controls and level sensing.

Application-Specific Automation

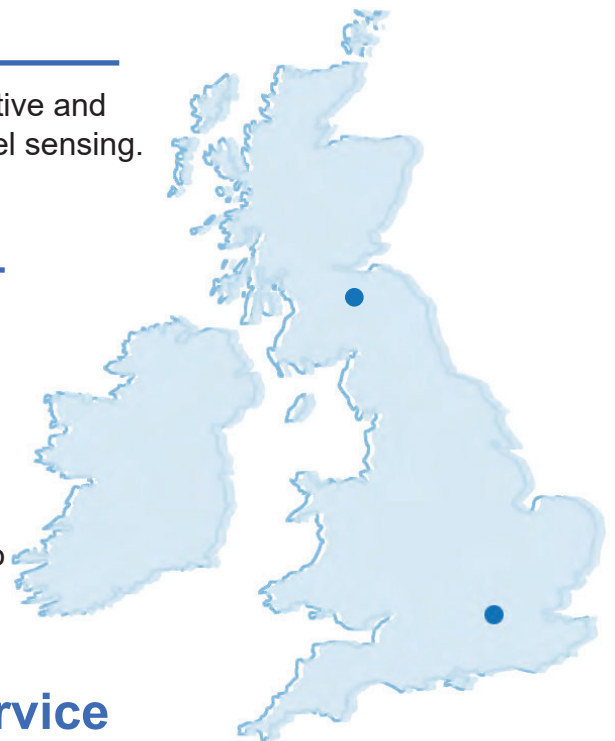
Bespoke actuator and control solutions for agricultural, off-highway, power generation and specialist machinery applications.

Integrated Solutions

Combining proven technologies with engineering expertise to deliver reliable, application-focused solutions — rather than simply supplying individual components.

Technical Support & After-Sales Service

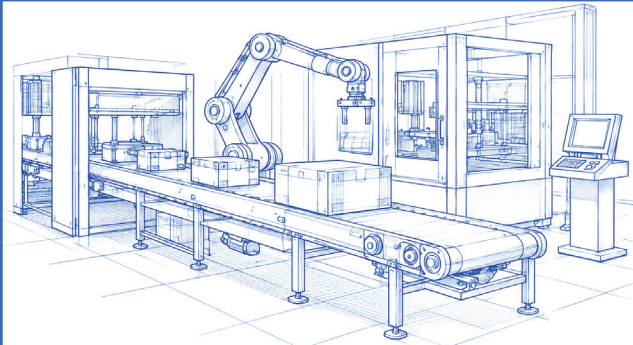
Responsive engineering support from product selection and system integration through to ongoing technical assistance and after-sales service.



Linear Actuator Applications

Reliable electric motion solutions across a wide range of industries & applications.

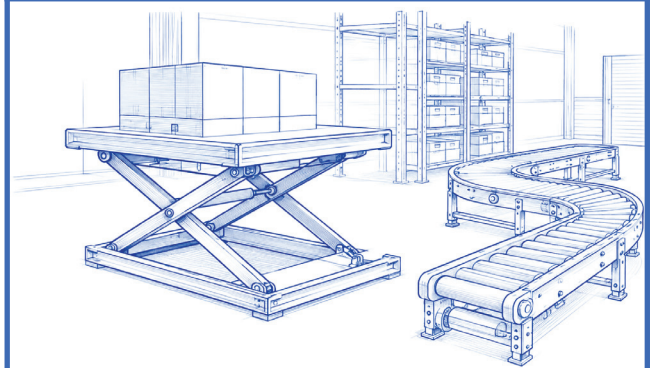
Industrial Automation & Manufacturing



Precise positioning for automated machinery & production systems.

Machine adjustment | Positioning systems | Access panels
Guards | Fixtures | Process equipment

Material Handling & Logistics



Controlled movement for lifting, positioning & handling equipment.

Lift tables | Conveyors | Loading systems
Ergonomic workstations | Handling equipment

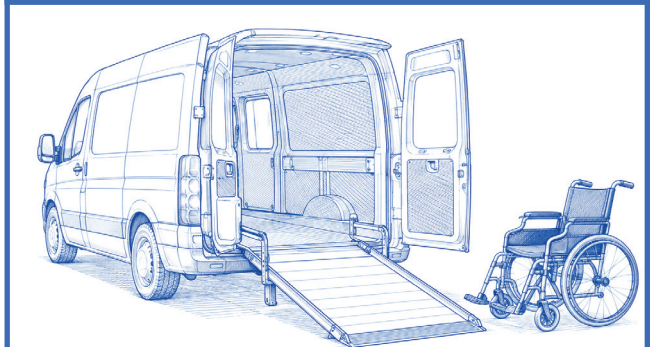
Agriculture & Off-Highway



Rugged actuation for demanding mobile machinery environments.

Hoods | Access Panels | Attachments
Equipment adjustments | Engine controls | Agricultural machinery

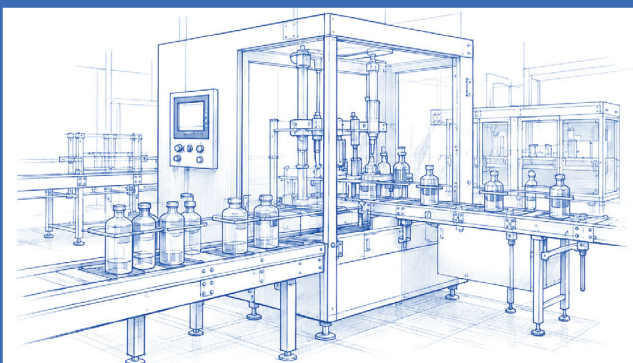
Mobility & Accessibility



Smooth, dependable motion for accessibility and mobility equipment

Vehicle ramps | Wheelchair lifts | Stairlifts
Adjustable seating | Patient positioning

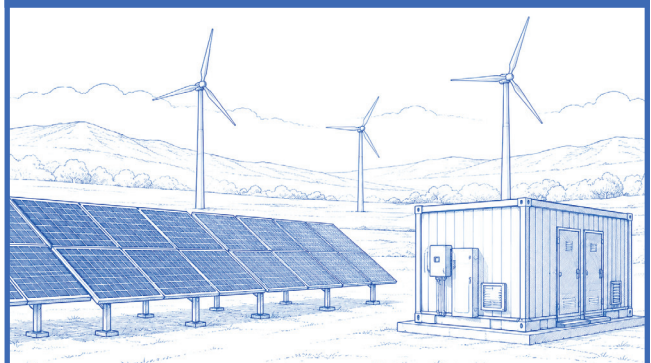
Industrial Automation & Manufacturing



Accurate adjustment and positioning for efficient processing and packaging.

Conveyor adjustment | Guides | Sealing equipment
Product handling | Machine changeovers

Energy & Infrastructure



Reliable electric actuation for automated and remote systems.

Solar positioning | Ventilation dampers | Generator controls
Access systems | Utility equipment

Product Selection Guide

Force Ranges

120N	250N	400N	500N	600N	800N	900N	1000N	1600N	1700N	1750N	1900N	2000N	2200N	2600N	3000N	3100N	3300N
Easy-E	Electrak MD	Easy-E -35	Easy-E-50 • Electrak MD	Easy-E-35	Max Jac	Easy-E-35	W2 • Electrak MD	Easy-E-35	Electrak HD	Easy-E-50	Easy-E-60	Electrak MD	Easy-E-35 • H-Track***	Electrak HD	W2 • W5	Easy-E-50	H-Track***
33mm/s	44mm/s	16mm/s	70mm/s • 18mm/s	12mm/s	30mm/s	7,5mm/s	14mm/s • 11mm/s	4mm/s	58mm/s	20mm/s	26mm/s	5,4mm/s	3mm/s • 89mm/s	32mm/s	5mm/s • 5,5mm/s	12mm/s	3mm/s • 51mm/s

H-Track*** the stated force and speed values apply in the extension direction.

Stroke Ranges

50mm	300mm	500mm
Throttle	Max Jac	Electrak HD
Max Jac	Electrak MD	Electrak LL
Electrak MD	Electrak HD	H Track
H Track	Electrak LL	Easy-E
Easy-E	H Track	Easy-E-i
Easy-E-i	Easy-E	Electrak XD
W2	Easy-E-i	
	W2	
	W5	
	Electrak XD	



A streamlined selection guide designed to help you identify the most suitable actuator based on your required force, speed and stroke specifications.

30mm/s		4000N
12mm/s 4mm/s • 19mm/s • 44mm/s 4mm/s • 19mm/s • 35mm/s • 65mm/s 15mm/s 8mm/s 14mm/s • 44mm/s	Electrak LL	4300N
	Easy-E-60	4500N
	Easy-E-50 • Electrak HD • H-Track***	5500N
	H-Track*** • Electrak XD	6000N
	ElectrakLL	6600N
	Easy-E -60	6800N
	Electrak HD • H-Track***	
25mm/s	H-Track***	7700N
6mm/s • 50mm/s	Easy-E-60 • Electrak XD	8000N
16mm/s	H-Track***	8800N
5mm/s • 9mm/s • 30mm/s	Easy-E-60 • Electrak HD • H-Track***	10000N
25mm/s	H-Track***	11000N
11mm/s	H-Track***	14000N
20mm/s	H-Track***	15000N
5mm/s • 25mm/s	Electrak HD • Electrak XD	16000N
16mm/s	Electrak XD	20000N
11mm/s	H-Track***	21000N
16mm/s	Electrak XD	25000N

750mm	1000mm	1200mm
Electrak HD	Electrak HD	Electrak XD
Easy-E	Electrak XD	
Easy-E-i		
Electrak XD		



Linear Actuators



Electrak LL Actuator

Maximum Force: 6,000 N
Maximum Speed: 30 mm/s
Maximum Stroke: 500 mm
Protection Rating: IP66 / IP69K
Voltage: 24 VDC
Duty Cycle: 35% (100% option available)
Self-Locking: Yes
Manual Override: Yes
Operating Temperature: -40°C to +85°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: Yes
Anti-Rotation: Yes



Electrak XD Actuator

Maximum Force: 25,000 N
Maximum Speed: 65 mm/s
Maximum Stroke: 1,200 mm
Protection Rating: IP66 / IP69K
Voltage: 24 / 48 VDC
Duty Cycle: 25%
Self-Locking: Yes
Manual Override: Yes
Operating Temperature: -40°C to +85°C
Position Feedback: Yes
Limit Switches: Yes
Anti-Rotation: Yes



Electrak HD Actuator

Maximum Force: 16,000 N
Maximum Speed: 71 mm/s
Maximum Stroke: 1,000 mm
Protection Rating: IP67 / IP69K
Voltage: 12 / 24 / 48 VDC
Duty Cycle: 25%
Self-Locking: Yes
Manual Override: Yes
Operating Temperature: -40°C to +85°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: Yes
Anti-Rotation: Yes



H-Track Actuator (Electro-Hydraulic)

Maximum Force: 21,000 N
Maximum Speed: 52 mm/s
Maximum Stroke: 300 mm
Protection Rating: IP67 / IP69K
Voltage: 12 / 24 VDC
Duty Cycle: 25%
Self-Locking: Yes
Manual Override: No
Operating Temperature: -40°C to +85°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: Yes
Anti-Rotation: Yes



Max Jac Actuator

Maximum Force: 800 N
Maximum Speed: 60 mm/s
Maximum Stroke: 300 mm
Protection Rating: IP66 / IP69K
Voltage: 12 / 24 VDC
Duty Cycle: 25% (100% option available)
Self-Locking: Optional
Manual Override: No
Operating Temperature: -40°C to +85°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: No
Anti-Rotation: No



Electric linear actuators are becoming increasingly popular due to their low maintenance requirements and reduced energy consumption, and our product portfolio offers a wide range of options to suit different applications.



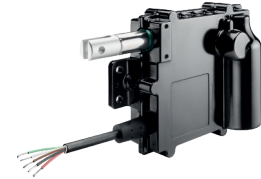
EasyE-Line Actuator

Maximum Force: 10,000 N
Maximum Speed: 70 mm/s
Maximum Stroke: 750 mm
Protection Rating: IP66 / IP68 / IP69
Voltage: 12 / 24 VDC
Duty Cycle: 10%
Self-Locking: Yes
Manual Override: No
Operating Temperature: -20°C to +70°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: No
Anti-Rotation: No



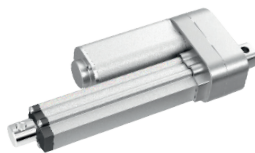
Electrak MD Actuator

Maximum Force: 2,000 N
Maximum Speed: 52 mm/s
Maximum Stroke: 300 mm
Protection Rating: IP67 / IP69K
Voltage: 12 / 24 VDC
Duty Cycle: 25%
Self-Locking: Yes
Manual Override: No
Operating Temperature: -40°C to +85°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: Yes
Anti-Rotation: Yes



Electrak Throttle Actuator

Maximum Force: 130 N
Maximum Speed: 96 mm/s
Maximum Stroke: 50 mm
Protection Rating: IP67 / IP69K
Voltage: 12 / 24 VDC
Duty Cycle: 50%
Self-Locking: Yes
Manual Override: No
Operating Temperature: -40°C to +125°C
Digital Position Feedback: Yes
Analogue Position Feedback: Yes
Limit Switches: Yes
Anti-Rotation: Yes



W2 Seri Actuator

Maximum Force: 3,000 N
Maximum Speed: 19 mm/s
Maximum Stroke: 400 mm
Protection Rating: IP66
Voltage: 12 / 24 VDC
Duty Cycle: 10%
Self-Locking: Yes
Manual Override: No
Operating Temperature: -5°C to +40°C
Digital Position Feedback: Yes
Analogue Position Feedback: No
Limit Switches: Yes
Anti-Rotation: No



W5 Seri Actuator

Maximum Force: 3,000 N
Maximum Speed: 19 mm/s
Maximum Stroke: 400 mm
Protection Rating: IP68
Voltage: 12 / 24 VDC
Duty Cycle: 10%
Self-Locking: Yes
Manual Override: No
Operating Temperature: -5°C to +40°C
Digital Position Feedback: Yes
Analogue Position Feedback: No
Limit Switches: Yes
Anti-Rotation: No

High-force models provide an effective alternative to hydraulic systems, while fast and continuous-duty models can offer a strong alternative to pneumatic systems. Our range includes solutions for everything from simple applications to the most demanding operating requirements.





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