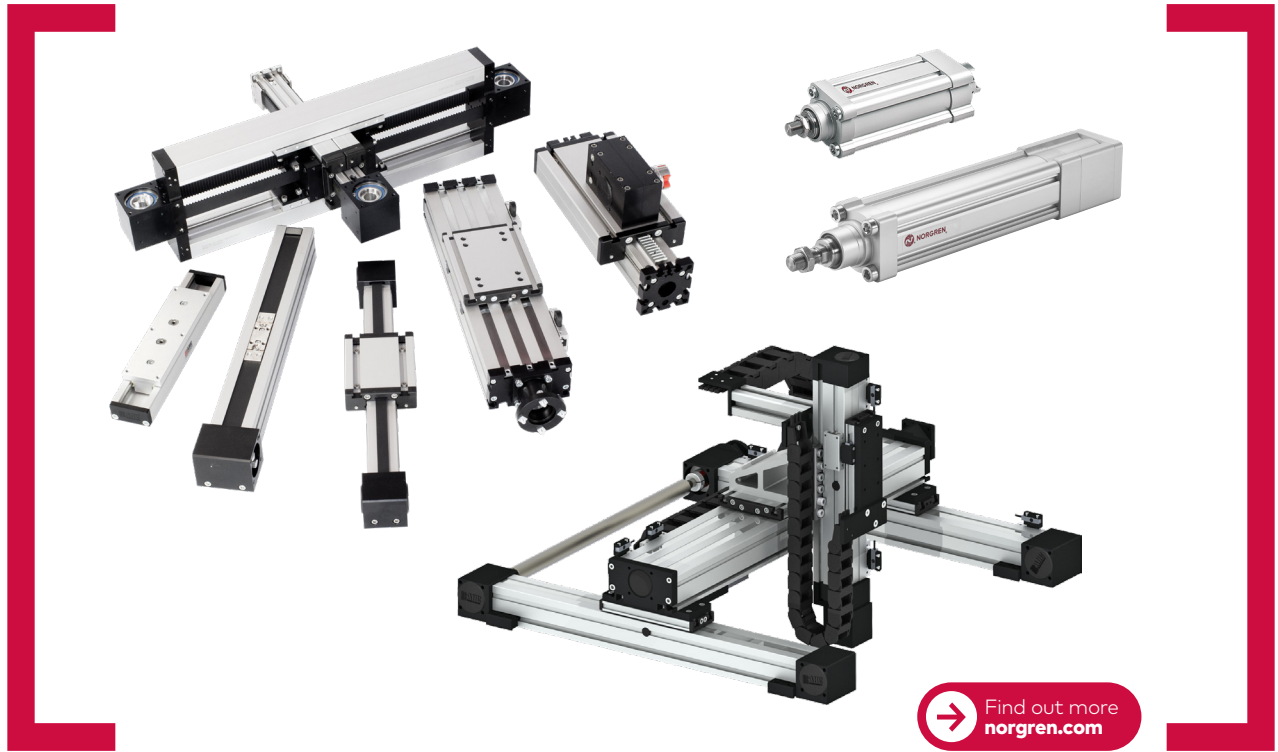


# Electric Motion

## Electric Cylinders, Linear Axis, and Multi Axis Systems



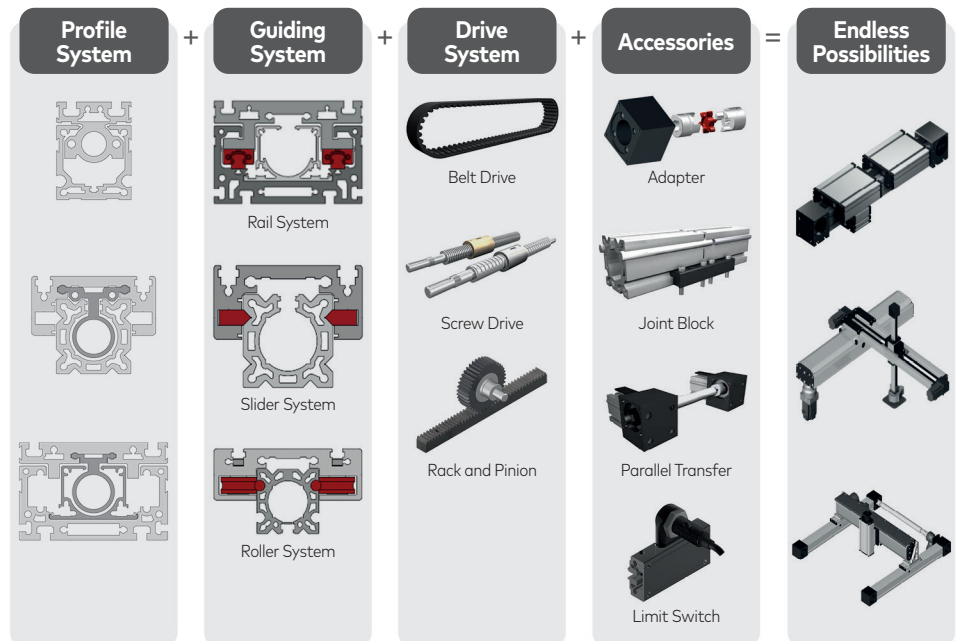
→ Find out more  
[norgren.com](http://norgren.com)

Requirements for modern industrial automation applications are becoming increasingly complex. It is essential to select the best possible solution for each application.

Electric Motion offers exceptional performance where precise control, accurate positioning, and repeatability is essential.

Engineering & Service  
Custom-made **Special-purpose solutions**

Our products help improve performance and productivity. They are supported by expert applications knowledge to provide the best solutions, quickly, and efficiently.





## Rod-Style Electric Cylinder Range

A range of ISO standard rod-style, ball screw electromechanical linear cylinders available with or without servo motors, in 6 bore sizes with 2 motor mounting options.

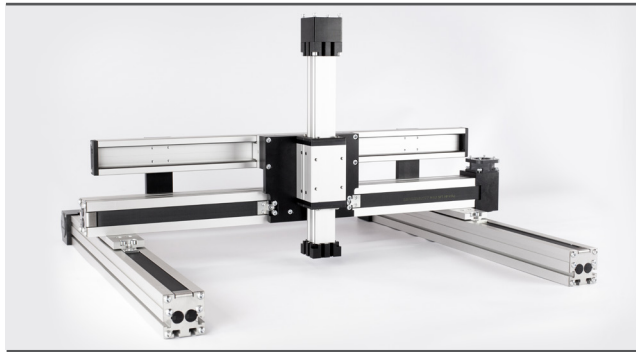
- » Accurate and Repeatable
- » Long Life
- » Ease of Installation
- » Environment
- » Performance Monitoring
- » Energy Saving
- » Safety in Service
- » Smart Configurations
- » Flexible Service: Customized motor interfaces allow customers to fit their own preferred motors
- » One-Stop Shop: Motors, drives and accessories are available



## Linear Axis Range

A range of high-performance linear axis actuators with 2 main drive options: toothbelt and ball screw. The toothbelt drive provides the highest speeds and longest strokes, and the ball screw drive can move higher loads with extremely accurate and repeatable positioning.

- » Accurate and Repeatable
- » High Speed & Fast Response
- » Tolerates Offset Loads
- » High Load Capability
- » Long Life
- » Resistant to the Environment
- » Energy Saving
- » Smart Configurations
- » Flexible Service
- » One-Stop Shop











## Multi Axis Systems

**Complex multi axis systems** are essential in today's industrial world, and they play an increasingly significant role in machine construction. To ensure we meet our customers' exact specifications, our experienced technical team are on hand to provide comprehensive needs assessment, advice, and technical support from design through to delivery.

**Total design flexibility for made-to-measure multi axis systems**

## High performance Electric Motion solutions suitable for industrial applications

- |  |  |   |  |
|--|--|---|--|
|  <p><b>Mechanical and systems engineering</b></p> <ul style="list-style-type: none"> <li>» Coating, painting, welding, measuring, and forming plants; glass, stone, and woodworking machinery</li> </ul>   |  <p><b>Chemical and pharmaceutical industry</b></p> <ul style="list-style-type: none"> <li>» Mixing, testing, and dosing equipment</li> <li>» Laboratory applications</li> <li>» Clean-room conditions</li> </ul> |  <p><b>Automation and electrical engineering</b></p> <ul style="list-style-type: none"> <li>» Assembly lines and storage systems</li> <li>» Assembly and handling systems</li> <li>» Measuring and inspection equipment</li> </ul> |  <p><b>Pharmacy Automation</b></p> <ul style="list-style-type: none"> <li>» Automated picking system</li> </ul>   |
|  <p><b>Lifting and materials handling technology</b></p> <ul style="list-style-type: none"> <li>» Bottling and dosing systems</li> <li>» Electro-mechanical lifting systems</li> <li>» Lift systems</li> <li>» Pick and place systems</li> </ul> |  <p><b>Packaging technology</b></p> <ul style="list-style-type: none"> <li>» Labeling and packaging equipment</li> <li>» Systems for cartoning, loading, packaging, and delivery</li> </ul>                       |  <p><b>Food industry</b></p> <ul style="list-style-type: none"> <li>» Food and animal food production</li> <li>» Resistant against cleaning agents</li> </ul>  |  <p><b>3D printing</b></p> <ul style="list-style-type: none"> <li>» Rapid prototyping</li> <li>» Industrial 3D printing</li> <li>» Sintered metal processing</li> <li>» Architectural projects</li> </ul> |

For more information, technical support or quotes, please contact your local Norgren support.

