Evolution MOTION SOLUTIONS

rexroth
A Bosch Company

Cleanroom-Ready Automation and Aluminum Framing Solutions

EXPERT SOLUTIONS DESIGNED AND BUILT FOR ISO-CLASS ENVIRONMENTS

Cleanrooms require more than just clean conditions: they demand precision, control, and a commitment to minimizing contamination at a high standard. Evolution Motion Solutions delivers custom-engineered products and systems that meet strict ISO cleanroom classifications, supporting medical, pharmaceutical, and semiconductor industries with reliable, proven solutions.

Our products are built to perform in cleanroom environments where air purity, particle control, and electrostatic safety are essential. From modular aluminum framing systems to linear motion modules, we provide cleanroom-ready solutions tailored to your specific application needs.

Local Stock and Regional Support

We support cleanroom applications with local stock and expertise across the country. With stocking and frame-cutting centers in Texas, Indiana, Michigan, and Massachusetts, our team is positioned to provide fast, responsive service and localized expertise. Whether you're designing a cleanroom from the ground up or upgrading an existing line, our local teams are ready to support you with custom-engineered solutions, cleanroom system and application design through the Motioneers, and region-specific industry insight.

800-569-9801 • info@**evolution**motion.com
evolutionmotion.com/automation/cleanroom-systems

Custom Cleanroom Solutions

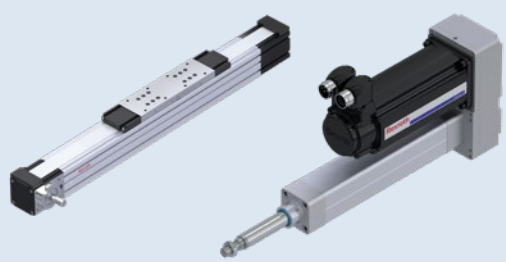
We specialize in developing custom cleanroom solutions based on your ISO requirements. Our Motioneer team collaborates directly with you to learn and understand your application requirements to craft a tailored solution for your cleanroom. From customized workstations to fully integrated automation solutions, we support you at every step of the design and engineering process, helping you conceptualize and develop cleanroom-ready solutions that align with your workflow and cleanliness requirements.

Aluminum Extrusion

- Bosch Rexroth aluminum extrusion framing systems maintain cleanroom integrity
- Flexibility to customize structures specific to system needs
- Cleanliness through strategic design and material qualities
- Dedicated channels serve as pathways for wiring, cabling, and conduit
- Reduced risk of particle accumulation and electrostatic interference
- Anodized finish to increase corrosion resistance
- T-nut to ensure a conductive connection in ESD-sensitive environments

Linear Motion Technology

- Bosch Rexroth EMC and MKR linear slides meet all cleanroom performance standards
- Reduces particle emissions through smart design
- Corrosion-resistant materials and protective coatings minimize particulate release
- Custom modifications available, including integrated vacuum lines to capture contaminants
- Cleanroom-approved lubricants provide clean and repeatable motion



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