

Move in the right direction

Linear motion and actuation solutions



The heritage of innovation

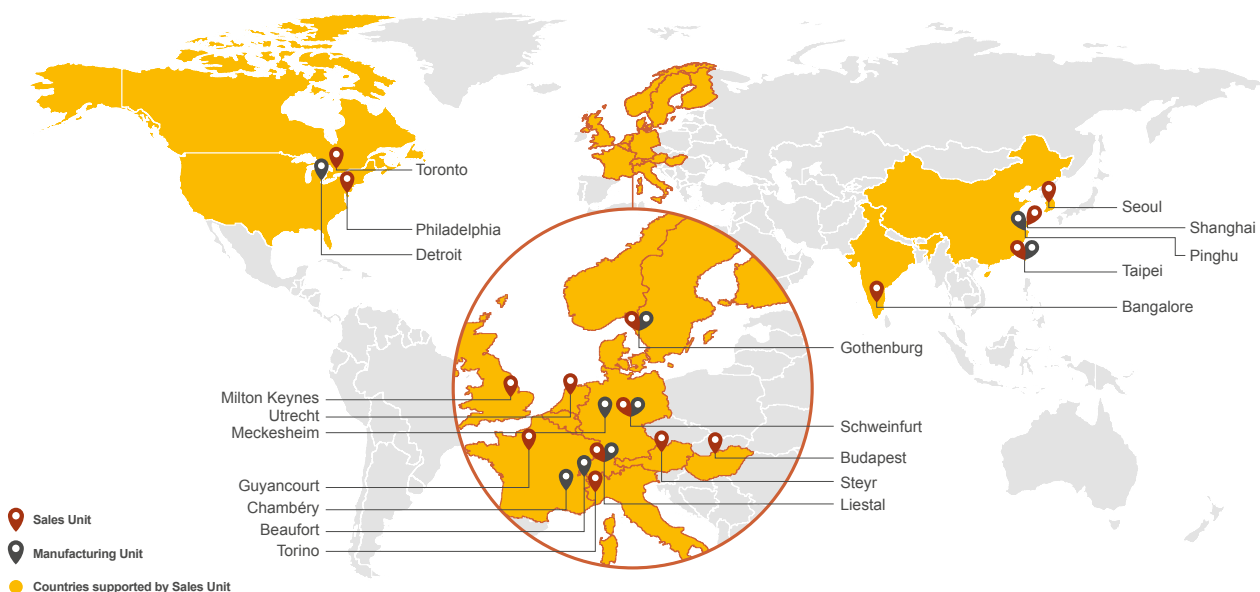
Ewellix is a global innovator and manufacturer of linear motion and actuation solutions. Today, our state-of-the-art linear solutions are designed to increase machine performance, maximise uptime, reduce maintenance, improve safety and save energy.

We earned our reputation through decades of engineering excellence. Our journey began over 50 years ago as part of the SKF Group, a leading global technology provider, with the world's first precision ball and roller screw factories. Our history with SKF provided us with the expertise to continuously develop new technologies and use them to create cutting edge products that offer our customers a competitive advantage.

In 2019, we became independent from SKF and changed our name to Ewellix. We are proud of our heritage. This gives us a unique foundation on which to build an agile business with engineering excellence and innovation as our core strengths.

Global presence and local support

With our global presence, we are uniquely positioned to deliver standard components and custom-engineered solutions with full technical and applications support around the world. The long lasting relationships with our distributor partners allow us to support customers in a variety of different industries. At Ewellix, we don't just provide products; we engineer integrated solutions that help customers realise their ambitions.



Trusted engineering expertise

We work in a wide range of industries, where our solutions provide key functionality for business critical applications. For the medical industry, we provide precision components for use in core medical equipment. In an industrial distribution setting, we supply linear expertise to our partners, empowering them to serve customers with greater efficiency.

Our deep knowledge of mobile machinery provides powerful and reliable electromechanical solutions for the harshest conditions. Our unparalleled understanding of industrial automation systems is based on decades of research into advanced automation components and techniques.

Industrial distribution, our partners over time

Our distributor partners can count on us to provide technical support and linear expertise faster than ever before, allowing them to keep pace with industries that are constantly seeking innovation and new requests daily.

Ewellix distributors are carefully selected to provide the highest level of service to our customers, delivering the level of attention and quality customers have come to expect, while safeguarding the authenticity of our products.

A broad selection of linear motion products is available through our distributors with a full offering of standard products, as well as custom solutions. These products range from linear ball bearings, shafts and rails cut to length, carriages and small actuators, to complete electromechanical actuation solutions designed to replace hydraulics and pneumatics.



Guiding

To provide optimal solutions for all your guiding needs, our range of products feature shaft guidings, profile rail guides and precision rail guides.

Main benefits:

Linear ball bearings: cost-effective, available in self-aligning execution, featuring unlimited stroke, adjustable preload and excellent sealing performance.

Also available in corrosion-resistant versions, pre-mounted in aluminum housings as a unit.

Profile rail guides: unlimited stroke through joint rails, capable of withstanding moment loads in all directions, ready to mount and provide easy maintenance along with high reliability. Available in ball or roller versions as well as standard and miniature sizes.

Precision rail guides: feature different rolling elements and cages. These guides offer high precision, high load carrying capacity and stiffness. Available with anti-creeping system. All the items are available as a ready-to-mount kit.

Linear systems: innovative and powerful solutions for precise linear positioning, pick and place and handling tasks. The wide range of systems are offered with manual drives, ball and roller screw drives up to linear motor systems for the highest dynamic motion profiles.



Driving

For applications that require driving by transforming rotary action into linear motion, we provide a comprehensive range of solutions including rolled ball screws, roller screws and ground ball screws.

Main benefits:

Roller screws: Ewellix roller screws go far beyond the limits of ball screws providing the ultimate precision, rigidity, high speed and acceleration. Backlash can be reduced or eliminated. Long leads are available for very fast movements.

Rolled ball screws: we offer several, highly precise recirculating systems to cover most application requirements. Backlash can be reduced or eliminated.

Miniature ball screws: Ewellix miniature ball screws are very compact and provide silent operations.

Ground ball screws: Ewellix ground ball screws offer increased rigidity and precision.



Actuating

Our extensive experience and knowledge of actuation systems allow us to satisfy the most demanding requirements utilising linear actuators, telescopic pillars and control units.

Main benefits:

Low duty actuators: we offer a wide range of low duty actuator designs and configurations for light industrial or specific health care applications. Our versatile range provides everything from low to medium load capacities and low operating speeds to quiet and aesthetically designed systems.

High duty actuators: our range of high duty actuators meets the needs of demanding industrial applications with high loads and speeds in continuous operation. These actuators provide the best controllability and reliability for programmable motion cycles.

Telescopic pillars: with a wide range of options for several applications, our telescopic pillars are quiet, robust, powerful, resistant to high offset loads and feature attractive designs.

Control units: ideal for applications focused on system control, Ewellix control units provide connections for foot and hand or desk switches.



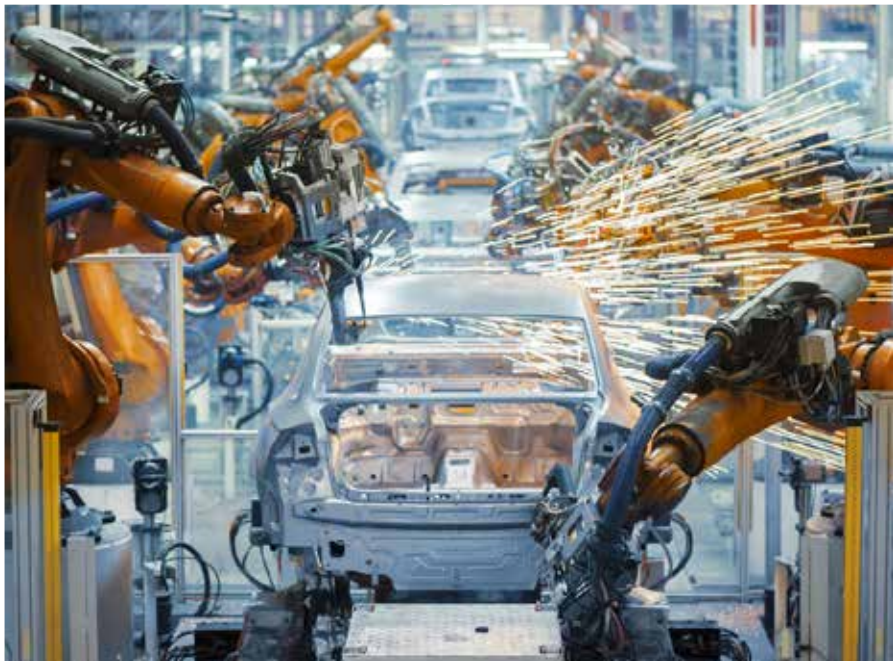
Applications

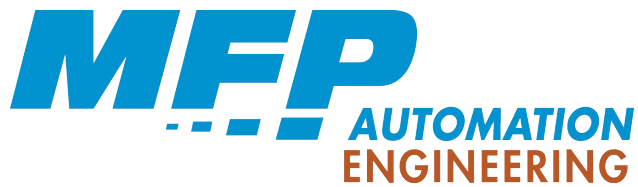
Linear motion and actuation solutions from Ewellix are designed with more than 50 years of knowledge and experience in a wide range of applications.

- Automation
- Automotive
- Food and beverage
- Machine tool
- Material handling
- Medical
- Mobile machinery
- Oil and gas
- Packaging



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