

HIWIN®

We live motion.



Combining the big picture with the details
is the way forward.



»We are passionate about movement
in everything we do.« Werner Mäurer, Managing Director

Our products and our attitude get things moving. As a specialist in linear technology, we are your movement partner, the world over. It is our job to find the right and most efficient movement solution. We manufacture and deliver drive technology products from individual components to the entire mechatronic system. It is our job to get you moving.

Our world: movement

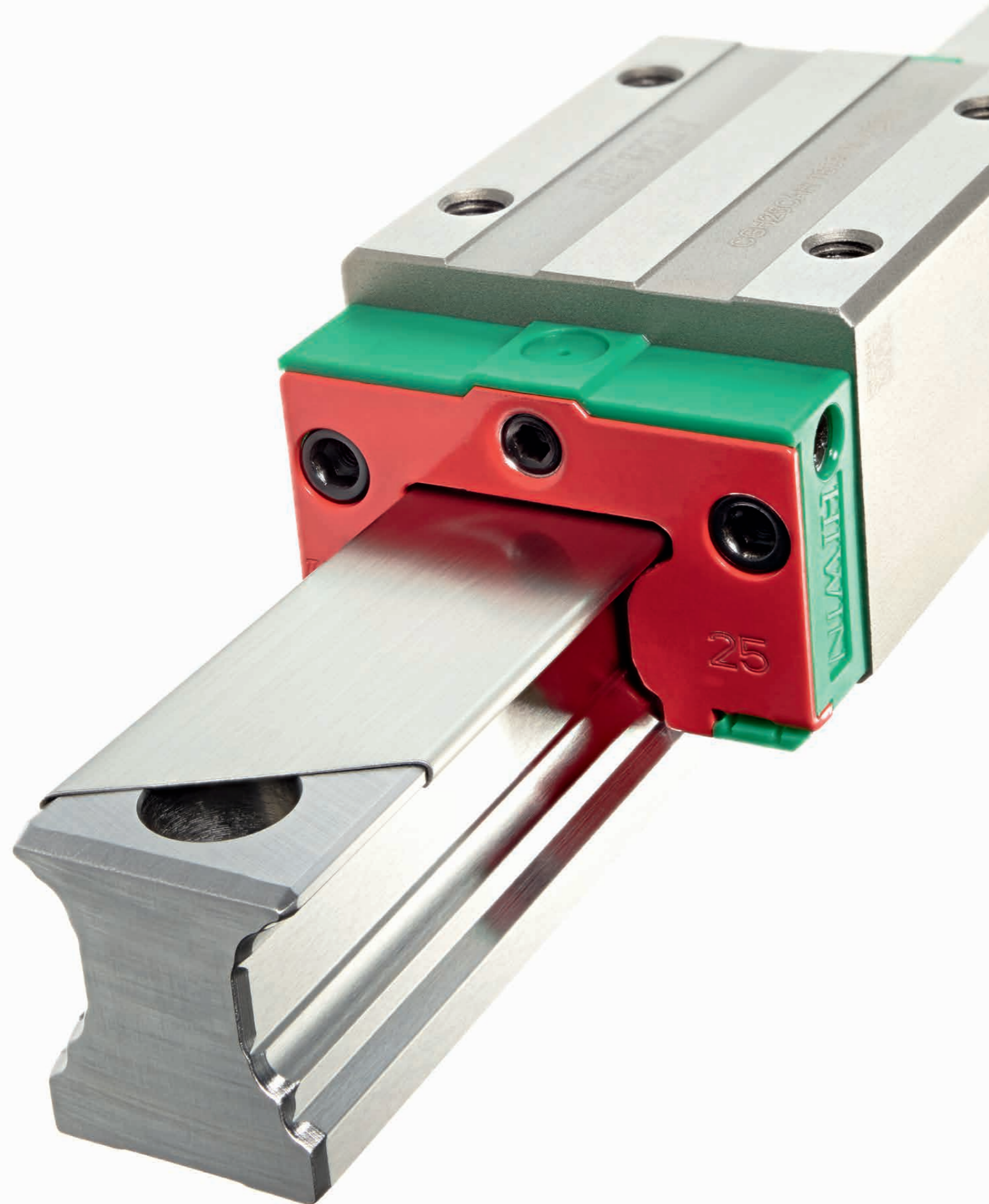
Linear technology around the globe. We combine internationality with the tradition of a mid-sized firm and a down-to-earth approach. We offer impressive customer proximity, service, innovative actions and quality.

Our goal: the solution

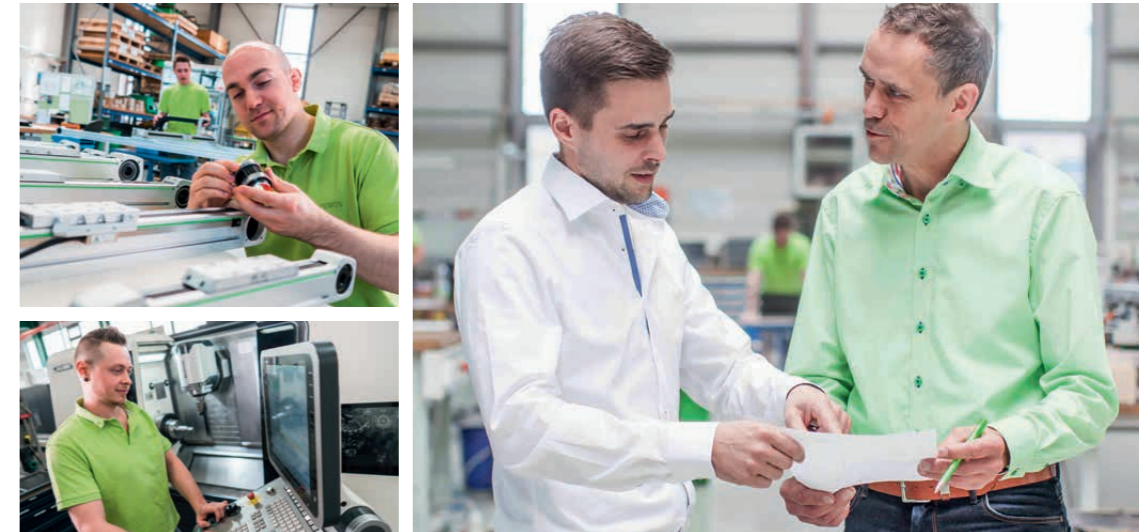
We are involved in your thought process. We take ideas to the next level. We think out of the box. We do everything necessary to find the right solution for your requirements.

Our focus: you

Customer proximity means speaking the same language – we understand your mother tongue and the jargon used in your industry. We have production sites around the globe and can respond on target and on time.



Working for our customers with passion is our philosophy.



Communication lies at the heart of all our business relations. We think our way into our customers' heads, learn their language and understand their thought process. Then we produce solutions that satisfy the user. No matter whether we are talking about using a standard product or implementing a system solution.

We get to know one another

It's simple really: customer support is so much better the fewer contacts are involved and the longer the relationship. Each of our customers has one contact, available to answer his or her questions and who is familiar with the system, customer and circumstances.

Solutions

At HIWIN, we are driven by finding the best solution for the customer. The perfect-fit solution. Our engineers and technicians take standard products, modify them if necessary and use them as a basis for developing complete movement systems.

Customer proximity

We have production sites all around the globe and are familiar with local circumstances and the requirements of industry. This enables us to very individually and rapidly supply and modify products and develop solutions.

We generate ...



HIWIN Ballscrews

Generate movement with a diameter of 6 mm to 125 mm. All accuracies for all applications.

- Ground spindles
- Peeled spindles
- Rolled spindles
- Right- and left-hand threads
- Single nuts, with play or preloaded
- Double nuts with preload
- Pitch shift-preloaded nuts
- Driven nuts
- Nuts for heavy-duty operation
- Nuts for high-speed operation
- Lock nuts
- Bearing units



HIWIN Linear Axes

Generate and guide movement. All-steel axes and aluminium axes with belt drive, ballscrew drive and linear motor drive. The right axis for every linear movement.

- Steel axes with ballscrew, servo motor and drive
- Steel axes with ballscrew, optimised by SynchMotion™
- Aluminium axes with belt or ballscrew drive
- Linear motor axes with iron-core or ironless linear motor
- Linear motor axes with counterweight for vertical installation
- Linear motor axes for travel distances up to 30 m



... and guide movement



HIWIN Rotary Tables and Axis Systems

Generate and guide movement. Ready-to-install rotary tables and axis systems built to suit your application. Carry and move loads with precision. Driven by linear motors, torque motors, belt drives or ballscrews. Built on steel, aluminium or hard stone (granite).

- Compact rotary tables
- 2- and 3-axis systems
- Cross tables with linear motor axes
- Gantry systems with linear motor axes
- Customised multi-axis systems
- Crossed roller bearings



HIWIN Robots

Create complex movements. In the load range between a few grams and 20 kg, these round off our automation solutions. Our robots are used in instances where linear automation and rotary axes don't go far enough.

- 6-axis robot
- Scara robot
- Cell automation
- Robot control
- Operating panel



We generate ...



HIWIN Linear Motor and Torque Motor Components

Generate movement. Fast, powerful and highly accurate, as complete assembly components they help to achieve automation in machine tools, assembly systems and the semiconductor industry.

- Iron-core linear motors
- Ironless linear motors
- Water-cooled linear motors
- Torque motors and water-cooled torque motors

HIWIN Servo Drives and Servo Motors

Plan, generate and control movement. Operate as single-axis control or can be networked with higher-level control systems.

- Digital drives for linear, torque and servo motors
- Commissioning, monitoring and tuning software
- Rotary AC synchronous servo motors
- Magnetic position measuring systems



... and guide movement



HIWIN Linear Actuators

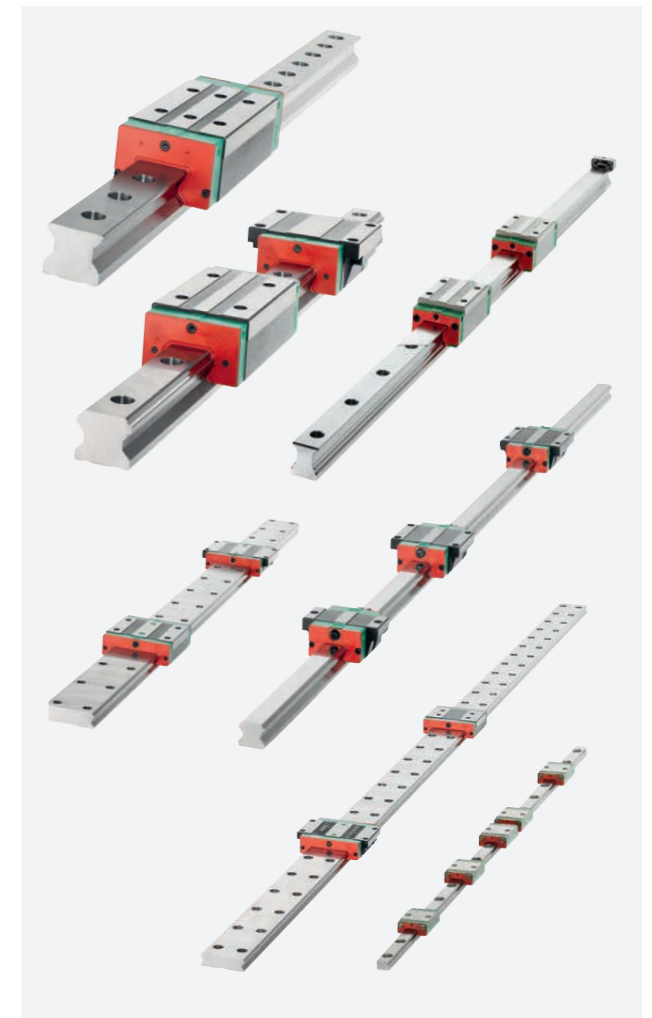
Generate linear movement. As compact variable speed drives, equipped with trapezoidal or ballscrew drives. They work in industry, rehabilitation and mobile applications.

- Linear actuators with ballscrew shaft
- Linear actuators with trapezoidal threaded spindle
- Lifting column
- Free stroke function
- Safety nut
- Pulse generator with Hall sensor and potentiometer

HIWIN Linear Guideways

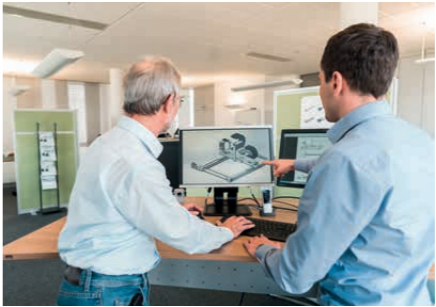
Guide movement. From a rail width of 5 mm to 65 mm for heavy loads. Available with roller or ball guides. With cage-based SynchMotion™ technology, lubrication systems and a wide range of seals.

- Recirculating ball guides – standard, wide, flat
- Miniature guides – stainless steel, standard steel
- Recirculating roller guides
- Cage-based versions
- Self-lubricating modules
- Surface coatings
- Cover strip
- Seal options

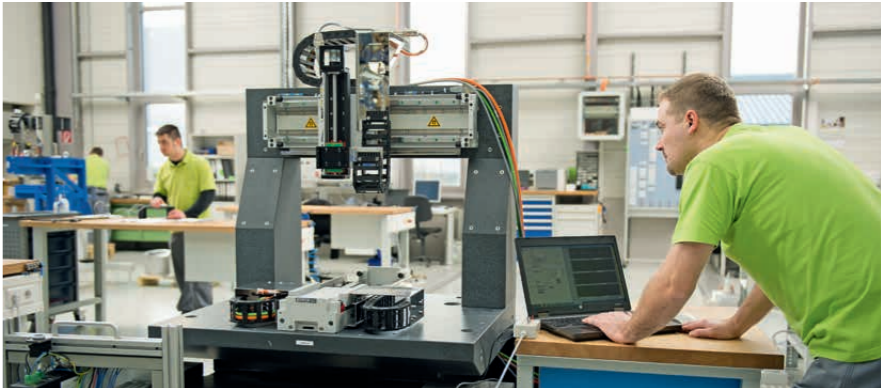




Precision and proficiency
produce new worlds.



Attention to detail. A passion for technology. The willingness to overcome obstacles. The motivation to improve day after day. The patience to perfect what appears to already be perfect. This is how our engineers and technicians deliver customised solutions day in, day out. They work with steel, copper, semiconductors, plastic, ideas and the desire to win. They combine mechanics, electronics and experience and open up new worlds of movement.





Sharing knowledge increases knowledge.



Creativity and quality require a very special atmosphere. An atmosphere characterised by openness, mutual respect and esteem. Then ideas blossom, responsibility grows and long-term quality is produced. Potential becomes expertise and drive becomes passion.

Turning a job into a calling

We want our employees to enjoy coming to work and to stay for the long term. Committed employees translate into satisfied customers. As a for-profit business, we depend upon delivering professional work. We create a healthy working environment and a harmonious atmosphere.

Today's new recruits are tomorrow's experts.

We assign great importance to training and encouraging young people. We take an unusual approach to this too: while they are still at school, young people can spend a whole year gaining experience in all the different parts of the company. All our sites have good relations with local universities. And of course, new recruits are all trained in house.



Every generation faces different challenges in shaping the future. One of the biggest challenges at the moment is to ensure an environment worth living in. This can't be done without knowledge and curiosity.

People who are continually developing don't just work for their own future and independence, but improved prospects for everyone. Society and companies like ours can create the ideal conditions for this. The fruits of this harvest are a secure and promising future.

Eric Y. T. Chuo
Global Chairman & CEO



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Think global. Act local.

What can we do for you?

