

Superior Clamping and Gripping



SCHUNK Fascination

Mechatronics Roadshow

Peak Performance in the Team

When it comes to clamping technology and gripping systems, SCHUNK is the world's number one – from the smallest parallel gripper through to the largest range of chuck jaws. We set and develop standards with potential for future development, which characterize the rapid pace of progress in many sectors.

That is why we can be found in more than 50 countries across five continents, with our own subsidiaries and local sales partners. In our innovative family-owned company, our customers benefit from the expert knowledge, experience and team spirit of more than 2.000 employees.

SCHUNK mechatronics roadshow

Mechatronics on site at your facility

Experience the solutions for mechatronic handling and assembly processes within your own four walls.

The SCHUNK mechatronics roadshow will show you the unique mechatronic modular kit with a selection of gripper, rotary and linear units using a demo case system.

Look and touch – product experience on site. The SCHUNK mechatronics roadshow displays the modules in action. Or simply control them yourself!



Hardly any effort required

All you need to provide is a power outlet, a room, and a couple of tables!

We'll bring the rest: from the control cabinet and the appropriate information material to the actuator.

We have everything on board to offer you an interesting and professional mechatronics product presentation.



Professional product advice

You can take this opportunity to talk to our expert consultants in depth about your mechatronics areas of application.

Our goal is to demonstrate to you on site the possible solutions for implementing mechatronics in your systems and processes.



MECHATRONIK³

Mechatronik³ is the strategy with which SCHUNK is the first manufacturer to bundle together a comprehensive mechatronic product portfolio.

Its three pillars – Alternative, Intelligent and Adaptable – join to form a unique, modular system with compact performance. It combines our decades of experience in pneumatics with the pioneering successes in mechatronics and offers sophisticated and efficient solutions for almost every requirement.

Alternative

Simple, powerful, fast.

Mechatronic modules can be directly implemented in existing systems as an alternative to pneumatics.



Electric gripper for small components EGP



Linear module with direct drive ELM



Magnetic gripper EGM

Intelligent

Versatile and reliable.

SCHUNK components with integrated intelligence fully utilize the potential of mechatronics, such as versatility and energy efficiency, and are very reliable.



2-finger parallel gripper WSG



Miniature rotary module ERD




Rotary module ERS


Adaptable

SCHUNK modules with motor adapter.


Simply install a motor of your choice. Integration in the existing control architecture becomes easy.



Long-stroke gripper EGA



Rotary module ERM



Compact spindle boom axis ELS

More efficient handling – electricity replaces air

High gripping speed, attractively priced – mechatronic gripping systems replace existing pneumatic modules in systems in a highly efficient way. They are simple to control digitally and are compatible with installed sensor systems.

In short:

Changing from pneumatics to electrics can be remarkably easy.

Smarter handling – fully exploit potential

SCHUNK modules with integrated intelligence open up new perspectives for even more efficient processes: measure, feel, see, adapt. Due to the modular design and simple configuration – for example, via an integrated web server – they enable optimal adaptation to the application. Delicate components provide systems and machines with the relevant data on process, product and function. Increase flexibility, reduce production times, ensure product quality.

In short:

fully exploit the potential of mechatronics.

Appropriate handling – integrate versatile functionality

The challenge: quickly adapting existing system and control architecture to changing requirements. The simple solution: mechatronic modules with adaptable electric drives. Depending on the handling task and desired functionality, servo motors from different manufacturers can be installed. This enables the gripper and robot to be controlled by the same set of commands and opens up numerous new perspectives.

In short:

adaptable modules that always fit.

Take part in the Roadshow

Advantages

- Intensive product advice directly on site
- Low amount of preparation required
- Intelligent, simple and quick to set up sample case demo
- Mechatronics expertise bundled together: linear, gripping and rotary module areas
- No "PowerPoint show"; every product is presented live
- Possible solutions for implementing mechatronics in your pneumatic systems and processes can be checked on site

Venues

- On site at your company
- In-house exhibitions
- In hotels/conference centers near you
- At SCHUNK in Brackenheim-Hausen with the possibility of a tour around the factory

Interested?

Are you interested in the topic "mechatronics," and would like to take part in the Roadshow? Then please get in touch with your SCHUNK area sales manager/contact person or

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Jens Lehmann,
 German goalkeeper legend,
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