

SCHUNK CoLab

Robot application center

Hand in hand for tomorrow



Your place for ideas, tests, and solutions

The CoLab is the SCHUNK Robot Application Center in a manufacturing environment that is close to reality. With the comprehensive application knowledge of a technology leader, SCHUNK assists its customers in making the initial step into automation. Validation in the CoLab accelerates commissioning and minimizes the investment risk for customers. CoLab stands for giving our customers the feeling of having the right partner at their side.

- ✓ **Testing and evaluating** automation equipment
- ✓ **Identifying and removing** barriers to automation
- ✓ **Process development and optimization**

Application areas

- + Handling processes
- + Assembly processes
- + Camera-based gripping



International expertise for your application validation

More than **275** 
visits and workshops

More than **1950** 
validated applications

More than **15** 
CoLabs are already in use worldwide



Practice-oriented, efficient, individual

Our application experts support you in jointly developing solutions for your application and validating them through extensive feasibility studies. Based on the discussion of your use case, applications are set up in the CoLab and individual process steps are simulated.

With the help of rapid prototyping and access to the complete SCHUNK product portfolio, optimally adapted gripping systems and automation technology are tested in a practice-oriented approach. Comprehensive reports are created and, if desired, demonstrated in livestreams.



Your advantages

- + **Joint development** of solution approaches
- + **Feasibility testing** of the automation process
- + **Live demonstration and customer training courses** directly in the CoLab
- + **Provision of extensive test documents** including hardware setup, approach and recommendations from SCHUNK application experts

Understand the basics, recognize potential, develop solutions

The **SCHUNK application workshop** is a practical introduction to the basics of automation. During a two-day workshop in the SCHUNK CoLab, you will learn the basics and to analyze and prioritize your manufacturing potential, and develop solutions.

You can expect

- + Learn the basics of automation
- + Analyse of practical examples to find solutions
- + Safety assessment and risk assessment
- + Step-by-step procedure from problem identification to solution
- + Learn the basics of robot programming



“ In the CoLab, we work with customers to efficiently and practically demonstrate what modern automation can do. With the SCHUNK product portfolio, an experienced team that understands processes and production conditions, we make ideas tangible, give orientation, reduce investment risks, and facilitate well-founded decisions. ”

Dr. Fabian Ballier – Teamlead CoLab Brackenheim-Hausen



Step-by-step, to the optimal result



1. Contact us at automationsolution@de.schunk.com



2. A specialist from our back office will discuss the general conditions with you and check the requirements.



3. You provide us with the corresponding workpiece. We carry out all relevant tests and investigations.



4. At the end, you will receive a final report including a validation of feasibility. We then discuss the results together.

Learn more about the SCHUNK CoLabs

on our website or YouTube channel.



schunk.com/colab



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