



ASS
Automations-Systeme



www.ass-automation.com

ROBOTHANDKIT



ASS Robot Hand Kit (EOAT) - Gripper components of the highest quality and precision

The ASS Robot Hand Kit (EOAT) consists of 1,500 gripper components, including grippers, vacuum cups, and profiles. The gripper components are available in three different sizes, all of which are compatible with one another. We permanently improve our components and develop new grippers: Many specially designed components have become standard.

All ASS labeled gripper components are developed and completed in our new headquarters location in Overath.

ROBOTICTOOLING

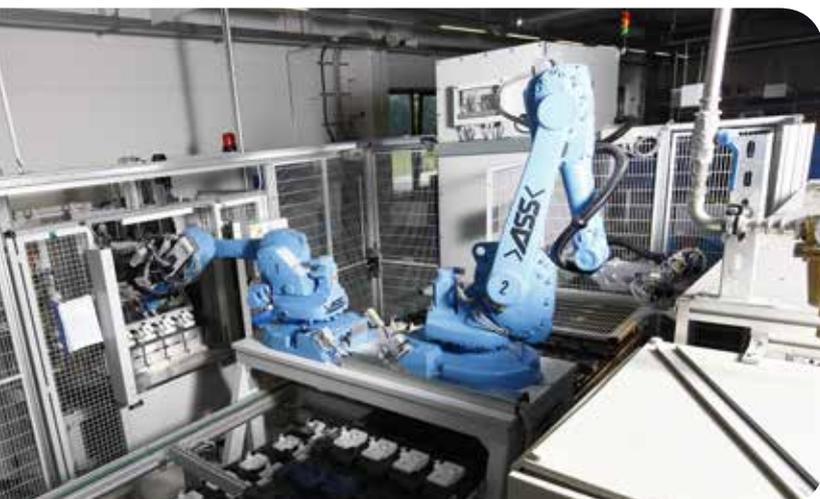


Individual Robot Hands for our Customers' Requirements

We conceptualize, construct, and complete, robot hands to meet your requirements. Using both our standard gripper components, and customized parts for special needs, we can provide you with a robot hand solution.

For customized handling tasks, we use carbon-fiber thermoplastic composites besides our Laser Sintering machine. The SLS rapid prototyping machine is used to integrate compact, lightweights, and polyamide parts.

AUTOMATIONSYSTEMS



Automation Systems for High Production Efficiency and Process Reliability

Our automation systems enable our customers to increase production efficiency and process reliability, while simultaneously, reduce costs and ensure consistent quality.

Upon customer request, customized automation systems can also include the robotic integration, as well as programming.

We specialize in automations „around the injection molding machine“ with a focus on components for the automotive industry.

ASS Maschinenbau GmbH

Your Partner for Gripper Components, Robot Hands and Automation Systems

We are leaders in technology for gripper components, robot hands, and automation systems. For the last 30 years, we have been developing intelligent solutions for various tasks in the automations and robotics industries. Together with our 100 employees in Overath, our international distributors in Mexico, Canada, and our sister company >ASS< End of Arm Tooling, Inc., in Plymouth, Mi USA, we operate world-wide.

We automate complex work processes in the plastics processing industry, such as gripping, loading and unloading. We also assemble components and administer quality control in the manufacture of plastic articles. Our product selection includes gripper parts, robot hands and automation systems.

The portfolio is completed by PA-Forming (SLS laser sintering process), image processing systems, and laser cutting services.

The Highest Quality Standards

All ASS labeled components are developed, constructed, and produced, at our headquarters. They are produced or delivered with the highest quality standards according to the EG-Machinery Directive.

All affected parts have a declaration of incorporation, or by a declaration of conformity. Our quality management is certified according to DIN EN ISO 9001:2008 standards.

ASS Robot Hand Kit (EOAT)

Over 1,500 gripper components make up the ASS Robot Hand Kit. According to customer specifications to create customized robot hands. According to the requirements, they are designed, manufactured, and assembled, to solve complex tasks such as placing, removing, or compacting parts. Our modular design enables customers to assemble or supplement their individual robot hand themselves.

Special Design Products and Lightweight

Custom or special made parts can be produced in house using our SLS rapid prototyping process, especially designed for PA-Forming.

We develop tailored solutions for handling ultra-lightweight components made from carbon-fiber thermoplastic composites. The use of carbon fiber-reinforced components has become another part of ASS' core competence.



AUTOMATION
SYSTEMS AND
SOLUTION



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