

# **VEGO Handling**

## **Ground Breaking Handling Systems**



# Why does it pay to Invest in High Quality Handling Systems?

Handling modules influence the performance of the whole SMT line, and they are important links between the processes. If one system fails, the entire line comes to a standstill. Clever and reliable handling solutions increase the efficiency of your process machines and ensure maximum throughput.

ASYS handling systems are extremely durable and infinitely expandable. They can be upgraded to fit your needs at any time. The sustainable quality is reflected in the lifetime of the machines. Many ASYS machines have been in operation for over 25 years. We source local materials and our products are produced 100% in Germany. With ASYS handling modules, you will improve your productivity and achieve the highest possible quality standards.

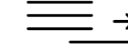


## Processes & Materials

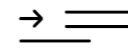
We offer a wide range of processes, unlimited possibilities, and a large variety of materials.

### Processes

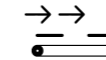
Loading



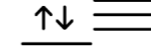
Unloading



Transport



Buffer



Flip & Turn

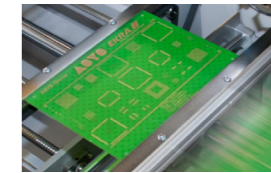


Shuttle & Pass-through

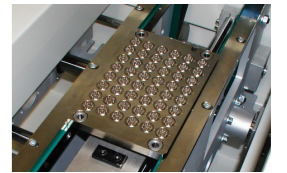


### Materials

Printed Circuit Boards



Work Pieces



Magazines



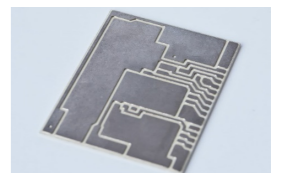
Fuel Cells



Glass



Ceramics



## VEGO Handling

The VEGO series offers a wide product portfolio with over 80 handling systems that guarantee the highest machine quality and maximum degree of automation. From manual to fully autonomous production, we have the right handling module for you.

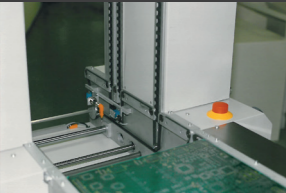
Our decades of handling competence guarantee innovative product features that offer real added value. Over 60,000 VEGO modules installed worldwide are proof of this. We put our concentrated knowledge and experience into each of our products – from the smallest transport module to fully autonomous lines.



# Best in Class Handling

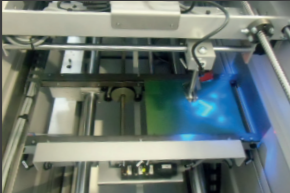
Standards that changes the way you work

## Sustainable



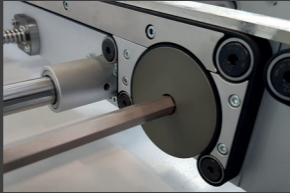
**Proven life time of 25 years or more**  
We rely on high-quality electrical and mechanical components as well as our distinctive engineering competence. We also believe in repair rather than replacement.

## Flexible



**Fully upgrade capable**  
VEGO offers a wide range of options that can be added to customize the system to your needs. Almost all options can also be retrofitted in the field.

## Highest Uptime



**Machine availability of 99.5%**  
The use of low maintenance components in combination with simple service and fast setup enables short downtimes and thus highest productivity.

## Safety



**Reaches highest performance level**  
Safety is our highest priority. For safe working on the equipment, we offer grip protection for operators without interrupting the production flow.

# Smart Features

Innovations that make your work easier



**Safe Detection**  
The intelligent software function "hole blanking", detects PCBs with cutouts and ensures safe transport, without product-specific adjustments.



**Self-Configuring**  
Automatic controller parameterization prevents incorrect settings and enables simple installation, even for unskilled staff.



**Intelligent Software**  
With clear and intuitive operation as well as a multitude of setting, each system can be quickly and individually adapted to its needs.



**Diagnose & Support**  
With the diagnostic functions, sources of error can be quickly narrowed down. Thanks to the stored data, complete traceability is possible.



**Simple Backup**  
Simple software back-up with the help of a USB stick is possible without any additional tools or prior knowledge.



**PULSE Pro**  
Smart Alerts support machine operators in their work by collecting information and warnings in real time and communicating them to mobile devices.

# Scale Your Automation Level



Scale your CAPEX and automation level – from semi-automatic to full autonomy

The requirements of our customers are as diverse as the products manufactured by our systems. Whether a need is related to life science, automotive, energy, electronics, or other, we are represented in all areas, and we know our way around the various industries. Our extensive product portfolio ranges from simple conveyors with manual product changeover to fully autonomous production lines. We can help you adapt your investment and automation levels to fit your needs through customization and upgrading of existing lines, is one of our strength. Our machines "grow" with your requirements. We are your reliable partner for all aspects of handling throughout the entire product life cycle.



ASYS Group is a global technology company and leading supplier of machines for the electronics, life science and energy industries. The ASYS brand guarantees consistent high quality processing standards all over the world. We are confident that our customers will benefit by taking advantage of our market experience and cross-industry solutions. In addition, ASYS Group offers comprehensive and GMP-compliant machine and process solutions from the same source.

## Business Areas

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### Business Unit **Electronics**



### Business Unit **Life Science**



### Business Unit **Energy**

