



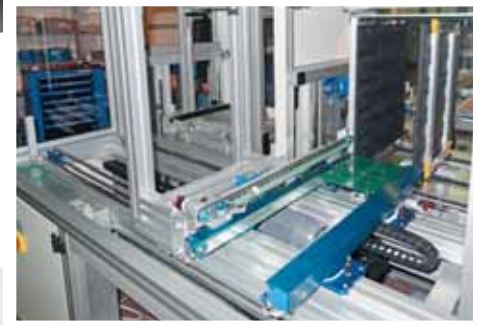
SOLUTIONS  
not only products



## 20 YEARS OF EXPERIENCE

With more than 20 years of experience in automation and handling, the Seica Automation team has the know-how to find the most efficient solutions and to propose complete turnkey systems to our customers.

**Seica Automation** manufactures loaders, unloaders, conveyors, buffers, shuttles, and has a wide range of standard handling systems, as well as an infinite number of other customized solutions.



## BOARD HANDLING

Create your PCB line flow process with our proven, flexible and reliable handling system.

Seica Automation is organized to design and manufacture our product lines and accessories to ensure the rapid response times needed to meet the demands of SMT manufacturers, providing solutions that are high performance, flexible and that have an optimum price/quality ratio. Each unit is equipped with its own control PLC and is fully SMEMA compliant.

Our two different product lines, Flo and Flex, have been designed to satisfy every customer requirement.

## FLO SERIES®

has a great price/performance ratio, and is the ideal solution for standard lines handling small to medium size PCBs.





## MODULO PLATFORM

We provide standardized solutions designed for your specific applications, such as traceability, testing, curing, cutting, and dispensing. High performance robots are equipped with specific tools to fulfill each application.



### TRACEABILITY

The traceability system enables the user to locate boards requiring verification or modifications. It is therefore possible to track, for each assembled PCB, every component used, as well as the operator responsible. Seica Automation has a wide range of both laser marking machines and labeling machines.

- Label Applicator
- Laser Marking
- Pass/Fail Check
- Scan Station

### TESTING

Seica Automation designs mechanical contacting systems for functional test requirements for both finished and semi-assembled products according to customer specifications, guaranteeing the use of high quality materials and test procedure repeatability. These systems feature mechanical, pneumatic or dual-stroke handling solutions which can be deployed in various industries, for example, Medical and Automotive.

- Integrated Test Solutions

### PRESS-FIT

Seica Automation enables its Customers to make the most of the advantages offered by the PRESS-FIT technology of the new generation connectors, providing top-quality presses integrated with various monitoring systems (laser, contacting, strength analysis), to ensure optimum efficiency and safety.

- Insert & Test Solutions

### CUTTING

Our cutting products are mechanical systems used for the separation of PCBs after assembly. PCBs can be separated by milling machines using PCB break-points or V-cut (scoring), or a combination of both. The mechanical milling or rotating blade machines facilitate separation of panels, avoiding strain on the PCB. A wide range of vacuum fans guarantee a clean operating environment for a quality process.

- Routing
- Sawing
- Laser

### CURING

Seica Automation provides a wide range of conformal coating solutions, based on ultra-violet (UV) fixatives, customized dispensing systems for specific-sized or non-standard boards and manual/automatic optical inspections on processed areas of the PCB, delivering multiple alternatives to guarantee appropriate coating distribution on any type of PCB.

- Dispense
- UV Curing
- UV Inspect
- UV AOI



**FLEX SERIES®**  
guarantees maximum performance for every handling requirement, thanks to its high level of flexibility and customization.



## SOLDERING LINES

Soldering lines can solve every PCB manufacturing cycle requirement involving manual assembly, by optimizing carrier logistics as well as handling of single boards.

The information made available through barcode readers and pin codes, enables carriers to be sent to specific areas, as well as the automatic selection of soldering programs and the implementation of customized assembly cycles. This structure enables the operators to work either in-line (sequential assembly) or in work areas of varied complexity.

We can implement your project, whether it be a simple or very complex soldering line.



## THE COMPANY

Seica Automation, located in Seregno (Italy), is part of the SEICA Group, and was founded to provide handling systems for electronics manufacturing able to satisfy every customer requirement.

The Company can supply every kind of automation system for complete production lines, from the simplest to the most complex.

All of our products are manufactured in Italy, under the control of SEICA AUTOMATION R&D and Quality Departments, in full compliance with industry standards.



**Seica Automation s.r.l.**

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