

# Streamlined systems: SCHIATTI's advancements in glass processing

## BUILD EFFICIENCY

The value of Schiatti equipment is compounded when engineered as a system.

Automation, precision, and efficiency grow your competitive advantage brick by brick so the total value is far greater than the components.



### Typical automated line:

- Automatic loading machine with turntable.
- Two double-edging machines for flat or pencil edge profile connected by a transfer table.
- Double-headed drilling center with 4 drilling positions.
- Automatic unloading machine with turntable.

## BUILDING EFFICIENCY

Each year, through its advertising page, Schiatti chooses to talk about some topic that represents a meeting point with both its customers and the industry to which it has been devoted for over 50 years. Saying 'glass processing machines' means naming a significant and wide field, in which the variables to be considered concern not only technology but also -and increasingly- sustainability, automation and energy saving - all characteristics that are inextricably linked. Within the glass sector, as in various others, any process is often part of one that's longer and more complex, in which various machines are involved - each used for a specific step. Here's why Schiatti went the extra mile recently to explain how important the concept of modularity is. Its machines are designed

Emphasizing modularity, efficiency and integration in its glass processing machines, SCHIATTI's 2024 campaign showcases in-line systems and iconic modular designs, highlighting how the company's solutions optimize productivity, precision and automation for the industry's evolving needs.



and built to satisfy a specific glass processing phase (grinding, drilling, etc.) but also, if positioned in a line, to complete an entire work cycle. Here every machine is an excellent 'unicum' optimized from every point of view once brought into line - and with benefits that multiply.

### IN-LINE MACHINES - FOR A COMPLETE CYCLE

Schiatti's 2024 advertising

campaign serves as an example of how, by integrating the company's machines within a system, it is possible to obtain a complete glass processing cycle - optimized in every part and thereby rendered more productive. One central process, in this case grinding, is combined with 'collateral' processes, namely phases that either precede and/or follow it. Thanks to connection of the machines the operator will be able to start the process while simply monitoring its

effective progress. Here the result of in-line processes has proven to be more efficient (the operator can dedicate himself to other things), faster and more precise (the machines are automatically set according to the specifications of each individual process, based on programming, for the best safety and effectiveness).

### SYSTEM MACHINES

In this case a line of bilateral flat edge grinders (two machines connected by a

transfer table) were combined with a loader and an unloader with a rotary table and a four-head drilling centre. All the operator has to do is to provide the system with the glass sheets, which will be returned to him once the processing is finished.

### WHY THE ICONIC BRICKS

Schiatti has chosen to rebuild its machines using those historic 'modular bricks' accomplices of our childhood games - always protagonists of the engineering dreams of both adults and children. These represent a simple, shared symbol with which to talk about modularity, jointness and efficiency. Taken individually, it is difficult to imagine what they could compose but, once assembled, each takes its place in a perfect fit. As for the bricks, each project commences from the desired result envisaged. From there the company listens to the needs, finds the answers, then assembles the optimum solution.



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