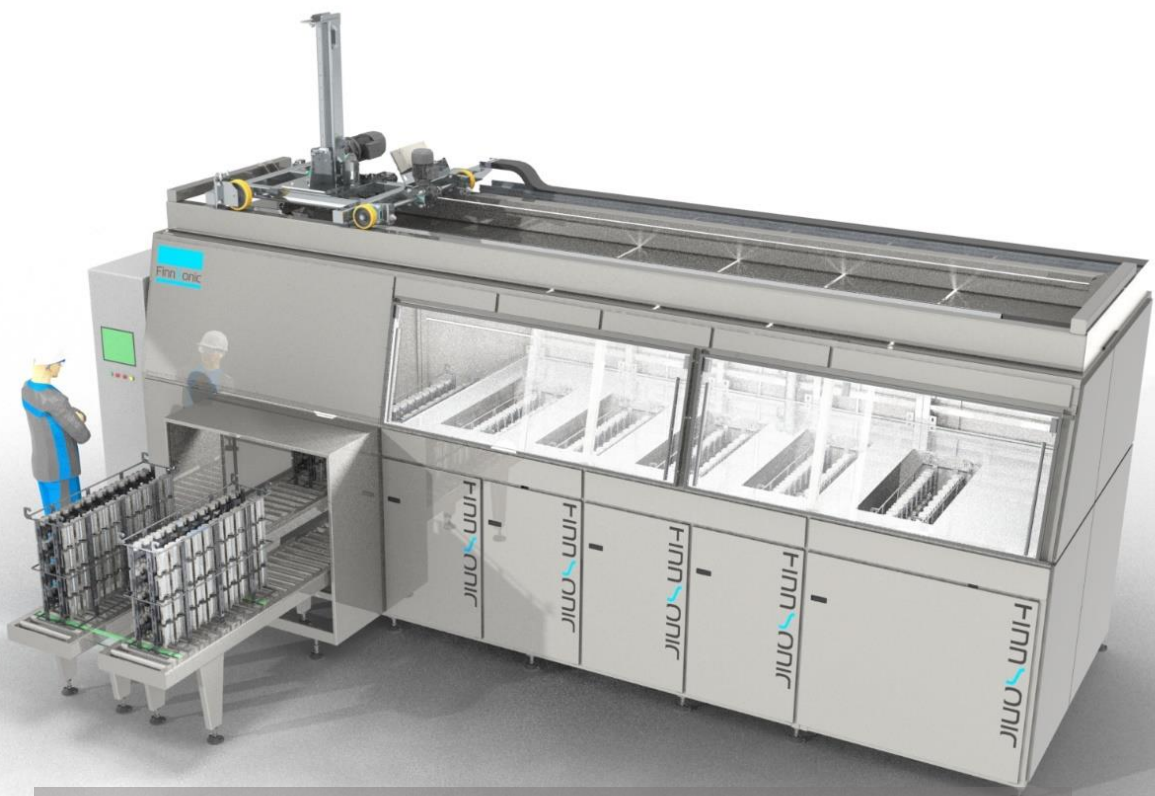


FinnSonic

FINN SONIC

**Cost Saving
Glass Mould Cleaning**



cleaner • safer • smarter

FinnSonic can help you to save cost

Clean moulds are essential in the hollow glass and table ware production. Unfortunately, the cleaning is not easy.

The conventional mechanical and manual mould cleaning methods are labour intensive, energy consuming and even abrasive to the mould surface.

Contamination on moulds in glass production

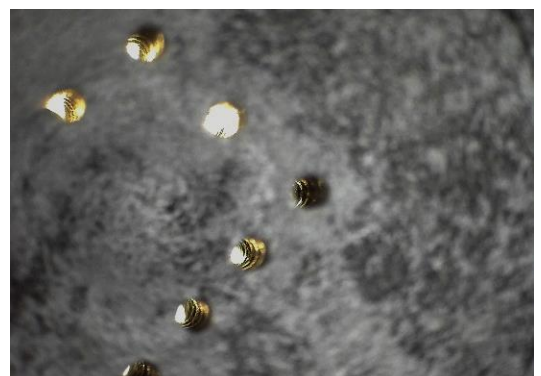
- ✓ Burnt-on-swapping compounds
- ✓ Oxide
- ✓ Graphite
- ✓ Polishing media residues

Ultrasonic cleaning is effective for mould parts made of cast iron, bronze and stainless steel. It cleans ornaments, cavities, cooling and vacuum channels as well as pin vents on mould halves, bottom plates, baffles, plungers, neck rings and guider rings. Ultrasonic cleaning is applicable also for maintenance cleaning of the forming machine parts.



Glass moulds before washing (left), cleaned with ultrasound (middle) and sand-blasted (on the right).

Even the pin vents get cleaned, 95% unclogging of pin vents with automatic cleaning process.



Save cost with automatic cleaning

FinnSonic Optima is the top-of-the-line, high performance ultrasonic cleaning line. Its proven construction meets stringent requirements for cleanliness, productivity and reliability. The flexible automation adapts to processing of different materials, sizes and contamination.

Up to 40% cost saving in mould gear repair is reported.

- ✓ Automatic process control ensures constant quality with ease of operation
- ✓ High level of operator safety
- ✓ Intelligent control system saves energy, water and chemicals
- ✓ Powerful ultrasonic technology
- ✓ Capacity up to 500 moulds per shift



Your cost-cutting advantages

- ✓ Less energy consumption
- ✓ Less manpower needed
- ✓ Less handling of heavy parts
- ✓ Less accidents and medical claims
- ✓ Less product rejects
- ✓ Less wear and tear on moulds
- ✓ Less material needed
- ✓ More production per mould
- ✓ Better end-product quality



Some of FinnSonic's references



Founded in 1979, FinnSonic is an expert in ultrasonic cleaning and fluorescent penetrant inspection (FPI). The company designs and manufactures solutions for demanding industrial parts cleaning and fluorescent penetrant inspection (FPI) in Lahti, Finland.



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FinnSonic maintains certified quality program ISO 9001:2015.
Specifications subject to change without prior notice.