



REMOVABLE WAX-CONDITIONING RESERVOIR AND DOCKING STATION

Single Minute Exchange of Wax (SMEW) has arrived! MPI's new removable wax-conditioning reservoir and docking station was designed for wax rooms with more than one wax and will instantly reduce downtime while dramatically improving productivity.

Removable Reservoir

Single Minute Exchange of Wax (SMEW) has arrived!

The system allows you to condition multiple waxes simultaneously. To change waxes, simply remove the reservoir on the wax injection machine and quick-connect it to the docking station, where it will remain fully conditioned and ready for its next use. Place the next reservoir, which had been fully conditioned on the docking station, to the injector, and get back to production. The universal docking station will work with all MPI removable reservoirs, and you can utilize as many reservoirs and docking stations as your business requires.

BENEFITS

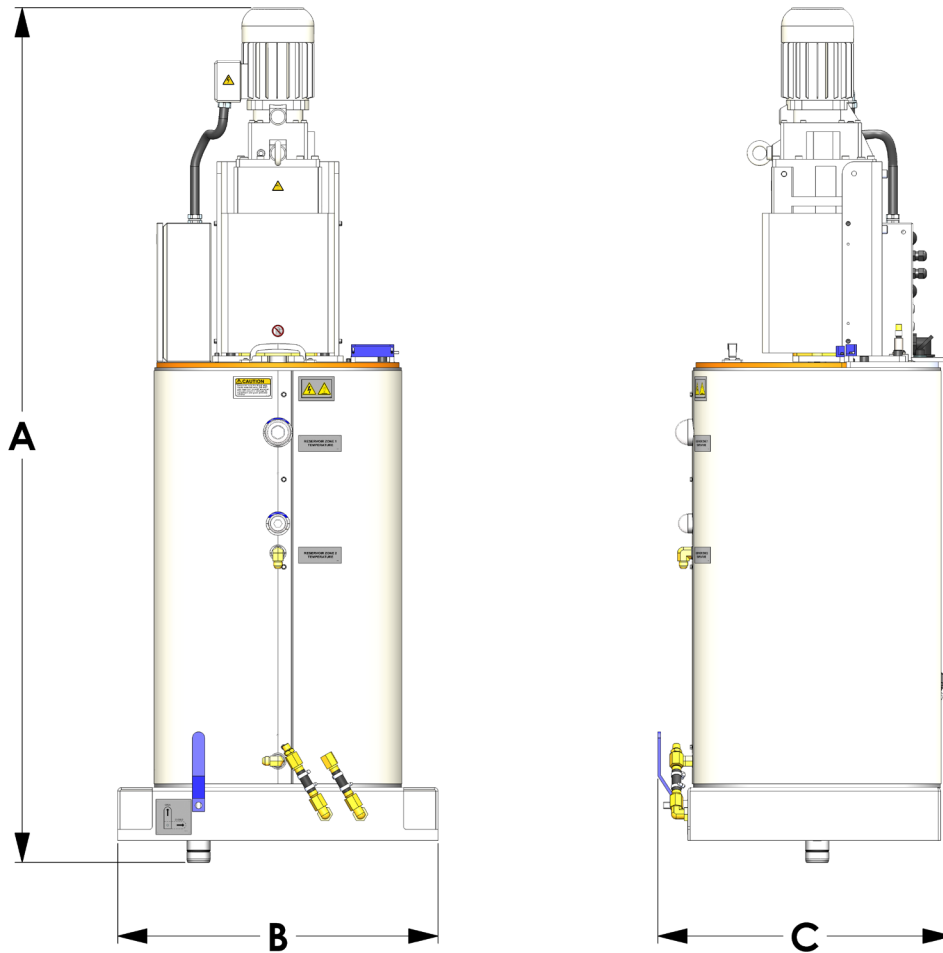
- Eliminate the downtime required to drain, clean, and purge a wax injection machine reservoir before introducing a new wax.
- Continuously melt and condition wax offline so it is ready when needed.
- Change over to any wax selection in a matter of minutes.
- Ensure that the right wax is always available for the right part.
- Maximize labor hours and wax-room throughput.



FEATURES

- Equipped with quick-connect fittings for electrical and cooling from the reservoir.
- Designed to provide power and temperature control for the wax reservoir even when it is not in use.
- Easy access shutoff valve and mounting system simplifies reservoir transport from the machine to the docking station.
- Docking station features quick connect fittings for water, air, and power.
- Docking station controls allow you to monitor the wax in the reservoir so it will always be ready.
- Includes quick-connect fittings for optional pellet loader.
- Portable reservoirs can be changed using optional reservoir transport cart.





30-Gallon Wax Removable Reservoir

MODEL	US (60Hz)	METRIC (50Hz)
Wax Reservoir Capacity	30 Gallon	113 liter
Wax Reservoir Cooling Capacity	200 lb/hr @ ΔT of 30°F	90 kg/hr @ ΔT of 15°C
A. Overall Height	73 in	1845 mm
B. Overall Width	28 in	692 mm
C. Overall Depth	25 in	636 mm
Weight (Empty)	650 lb	295 kg

Notes: Optional equipment may alter the machines overall dimensions, weight, and power requirements. Contact MPI sales department for additional information. We reserve the right to change specifications as required.

LIMITLESS POSSIBILITIES



EXPERIENCE THE DIFFERENCE

MPI is the worldwide leader in wax-room and ceramic core equipment and the acknowledged leader in wax-room innovations. MPI has developed and introduced more systems and products than all its competitors combined and offers wax-room solutions that can't be found anywhere else.

WAX INJECTORS

MPI's wax and ceramic injection machines are the most sophisticated in the industry and generate higher casting yields, more patterns per hour, reduced scrap, and increased productivity. They're also the most reliable in the industry, which means higher system availability, lower maintenance costs, and better performance.

AUTOMATION

MPI is at the forefront of automation, having automated some of the most complex processes in the investment casting industry for well over a decade. MPI's automated injection and assembly cells provide the capability to make and assemble wax patterns from the simplest commercial parts to complex patterns required by the medical and aerospace industries, including single crystal turbine blades. MPI can automate a single process or implement full-scale automation for your facility.



SA55-25-24
C-Frame Wax Injector



SA20-06-06
Automated Pattern Injection Cell

MPI TECHNOLOGY CENTER

MPI is at its best when it can innovate. MPI prides itself at being able to look at problems and then customize solutions that help clients achieve their goals. The MPI Technology Center is a state-of-the-art wax room that allows MPI to do just that. Located at MPI's world headquarters in New York, the Technology Center is a hub of innovation, ingenuity, and problem solving. Customers and suppliers visit this sophisticated facility to discover new ways to solve their unique wax-room challenges and to experience a totally automated facility in full operation.

MPI EXCELS

Most important, return on investment (ROI) is where MPI excels. MPI supports its customers' bottom line with creative, customized products and services that fit their evolving needs. Through collaboration, we innovate, design, build, and integrate solutions that deliver measurable results.

MPI = ROI

