



SOLUBLE WAX MELTER

MPI 97-50-S

AN INDUSTRY FIRST

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Soluble Wax Melter An Industry First

MPI's new soluble wax-melter is unique to the industry. It is the first melter specifically designed to melt and deliver soluble wax into a reservoir. Because of the unique properties of soluble wax, until now, there has not been an efficient way to prepare soluble wax in a traditional melter.

MPI has devised a way to melt and deliver soluble wax into the reservoir using a precision melting methodology. On-injector melting of soluble wax has been a challenge for the industry for many years. MPI listened and has developed an effective, affordable solution.

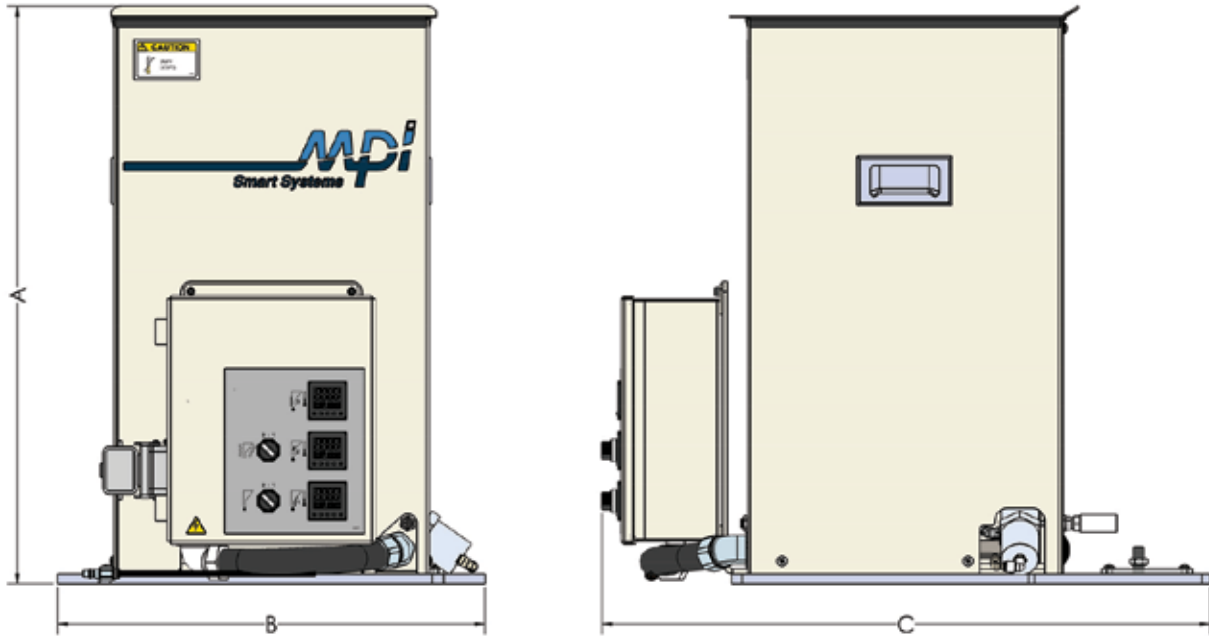
FEATURES

- An industry first
- Specifically designed to melt soluble wax effectively and efficiently, whether flake or a slab
- Precision melting technology allows for full melting and delivery without overheating, burning, or degrading the material



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MODEL	US (60Hz)	METRIC (50Hz)
Melter Capacity	50 lb	23 kg
Melting Rate	50 lb/hr	23 kg/hr
A. Overall Height	31 in	767 mm
B. Overall Width	22 in	540 mm
C. Overall Depth	29 in	737 mm
Voltage	240V, 1ph	220V, 1ph
Power Requirement	2.4 KVA	1.8 KVA
Air Requirement	6 CFM @ 90 psi	170 l/min @ 6.2 bar
Weight (Empty)	180 lb	82 kg
Heaters (3 zones)	Electric	Electric

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
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ROI

