

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



MODEL 97-200 WAX MELTER
with Optional Floor Stand



MODEL 97-50 WAX MELTER
with Optional Vacuum Loader

WAX MELTERS

MPI 97

MPI 97

Wax Melters

The **Model 97 Series Wax melters** are designed to melt wax directly into the reservoir on any wax injection machine. It can be supplied as a standalone unit or as an integral part of the injection machine.

- Supplied with automatic refill control
- Two temperature zone melting prevents over-heating of the wax
- Available with 50 or 200 lb./hr. melt capacity
- Unit has tightest temperature control in the industry. Supplies uniform temperature wax to the injection machine
- Melts all types of waxes, slab, flake, or pellet wax
- Available with Wax Pellet Vacuum Loader



MODEL 97-50
50 LB./HR. (22 KG./HR.) WAX MELTER

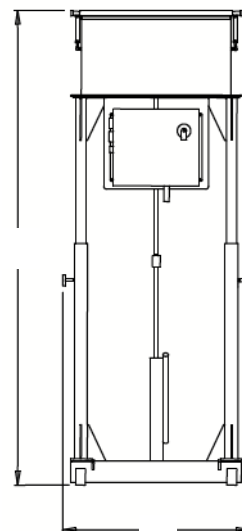
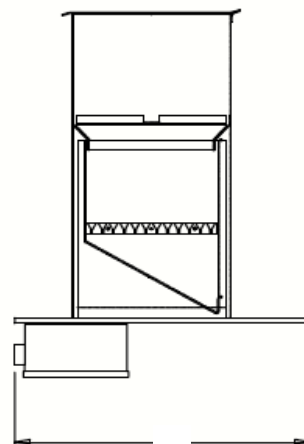
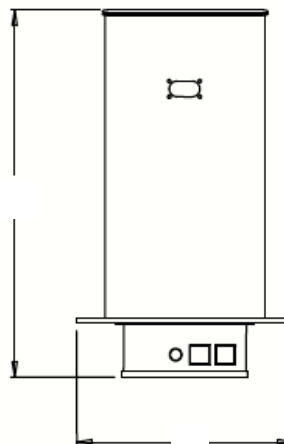
- Two stage, inclined plate wax melter, temperature controlled. Mounts over wax reservoir.

MODEL 97-200
200 LB./HR. (90 KG./HR.) WAX MELTER

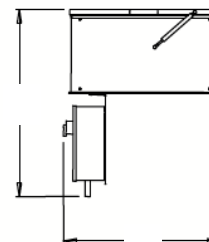
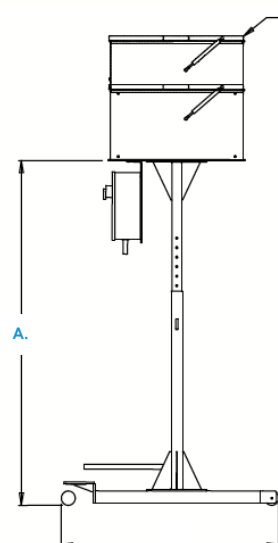
- Two zone heating. Available with or without an adjustable height stand (for positioning over a wax reservoir). Standard configuration requires Melter to be powered separate from Wax Injector.
- Large hopper capacity, expandable (97-200 only)
- Available with portable, adjustable height, free standing base (97-200 only)



MODEL 97-50 WAX MELTER
Machine Mounted Melter



MODEL 97-200 WAX MELTER
Shown with Optional Floor Stand



MODEL 97-200 WAX MELTER
Shown without Optional Floor Stand

MODEL	97-50		97-200		97-200 w/Stand	
	US (60Hz)	METRIC (50Hz)	US (60Hz)	METRIC (50Hz)	US (60Hz)	METRIC (50Hz)
A. Overall Height (min/max)	32 in	806 mm	36 in	911 mm	70in / 87in	1778mm/ 2194mm
(with expansion unit)	n/a	n/a	46 in	1,171 mm	80in / 97in	2032mm/ 2454mm
B. Overall Width	22 in	540 mm	33 in	828 mm	36 in	915 mm
Melter Capacity	50 lb	22 kg	150 lb	68 kg	150 lb	68 kg
Melt Rate	50 lb/hr	22 kg/hr	200 lb/hr	90 kg/hr mm	200 lb/hr	90 kg/hr

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 without notice.

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