

microglue[®] HM25 Melt Unit



High-performance melt unit for commercial printing, mailing, folding carton and bindery applications

HM25 series hot melt units provide precise pressure and temperature control with fugitive, permanent, remoistenable and pressure sensitive adhesives. The 25-pound capacity of the Teflon[®] coated tank makes the HM25 ideal for most print finishing related applications.

Get these immediate benefits:

- Digital pressure control allows you to easily manage pressure with a proprietary closed loop, torque-sensing motor drive system
- Eliminate any variation in output pressure, regardless of the load, by constantly monitoring feedback from the integrated pressure transducer
- Avoid molecular breakdown of glue caused by recirculation using new gear pump technology, which only rotates when needed to pump just enough glue to offset consumption
- Prevent the momentary lapse in output pressure that occurs in piston pump designs since the gear pump output is digitally set and pressure is maintained at an exact setting
- Durable, hydrophobic Teflon[®] coated aluminum tank for even heat distribution and glue flow
- Engineered for optimal heat transfer, the cast aluminum tank melts a greater amount of adhesive while using less energy
- Partially cool down the system between jobs using the built-in 24 hour timer with automatic start-up and standby mode
- All electric system, no compressed air required
- Conveniently secures to a rolling stand with auxiliary mounting bar for storing unused applicators



Integrate the HM25 with the micromailer[®] for direct mail applications



Works with almost any kind of hot melt, including fugitive, permanent, remoistenable or pressure sensitive adhesives



Combine with HM-100 electric hot melt guns for optimal performance



Teflon® coated tank enables the unit to melt a greater amount of adhesive using less energy



Available with up to 8 outputs for guns or hoses

Features:

- Independent settings for each temperature zone, which includes the tank, each hose and each applicator
- Variable torque all-electric gear pump drive system
- Intuitive, user-friendly interface digitally controls output pressure
- Built in 24-hour timer with automatic start-up and standby mode
- Pressure can either be set manually on the melt unit, or via the external GMS pattern controller; pressure setting can be fixed or proportional to machine speed
- Aluminum Teflon® coating on the cast aluminum tank is rated for applications over 1000°F
- Field upgradable from 2 to 8 hoses/guns
- Upgrade kits include an output PC board assembly and a connection wire harness assembly. The system will automatically recognize the addition of the PC board and will reconfigure itself for the correct number of outputs
- Optional tank level detection with low-level alarm

Specifications:

<i>Hose / Gun Configurations:</i>	<i>2, 4, 6 and 8</i>
<i>Maximum Hydraulic Pressure*:</i>	<i>500 psi</i>
<i>Tank Capacity:</i>	<i>25 lb advanced Teflon® coated</i>
<i>Pump Rate:</i>	<i>100 lb/ hour</i>
<i>Melt Rate:</i>	<i>75 lb/ hour</i>
<i>Working Viscosity:</i>	<i>20,000 cps</i>
<i>Sensing Technology:</i>	<i>Thermistor, 10,000 ohm</i>
<i>Electrical Requirements:</i>	<i>208-240 VAC single phase 30 amp</i>
<i>Wattage:</i>	<i>7,200 Watts</i>
<i>Dimensions:</i>	<i>16.5" W x 22" L x 16" H</i>
<i>Weight:</i>	<i>96 lb</i>

**Performance will be affected by higher viscosity adhesives. Recommended viscosity is 500 - 3000 cps for optimum performance.*



For more information, visit microglue.com or contact your local representative.

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