

Benchmark[®] HP Hot Melt Systems

High Performance Hot Melt Applicators Pre-Configured... And Value Priced.

Since 1981, Hot Melt Technologies[®] (HMT[®]) has been a leader in the hot melt applications industry. And it's no wonder... because all our systems are based on our innovative ProFlex[®] design philosophy – systems that are custom-built from a selection of modular and interchangeable components to fit precise applications and process requirements.

The Standard For Quality, Durability And Value

With a Benchmark[®] HP (High Performance) System, you get the same uncompromised durability, reliability and flexibility you would expect from a ProFlex custom-built applicator system; yet because the Benchmark HP is pre-configured, it can be offered at an extraordinary value.

And like our ProFlex Systems, you get an applicator with interchangeable, heavy-duty components that can be easily changed or replaced when needed.

Production-Proven Systems For High-Performance Applications

Select one of our "general purpose" Benchmark HP Systems. Or, choose one that's been specially pre-configured for a specific industry such as cabinet assembly, mattress construction, or insulated glass fabrication. Or choose a Benchmark HP System configured for a specific type of adhesive... PUR moisture-cure hot melts, polyamide hot melts, or high-viscosity butyls and other sealants.

Whatever your choice, with a Benchmark HP, you're assured of a hot melt application system that delivers easy set-up and operation, one or two handgun or automatic gun performance, simple-to-use controls and long-lasting "built-smart" performance.

Benchmark HP Systems from HMT... a choice you can make with confidence.

**Benchmark 535 with
a 35 lb. melt tank and
a standard handgun**



**Hot Melt
Technologies, Inc.**
No One Puts It Together Like HMT.



SPECIFICATIONS

System Type

- High Performance
- Heavy Duty
- Modular

Melt Tank Capacity

- 15 lbs. (approx. 2 gallons)
- 25 lbs. (approx. 3 gallons)
- 35 lbs. (approx. 5 gallons)

Tank Type

- Extruded Aluminum
- Melt-on-Demand
- Modular/Interchangeable
- Release Coated

Tank Heaters

- Cartridge Type
- Serviceable
- Interchangeable

Tank Drain & Filter Port

- Standard

Maximum Hoses & Guns

- 2 Hoses & 2 Guns

Applications

- Bead or Spray
- Handgun or Automatic Gun

Voltage

- 120v or 220v, 1ph.

Temperature Control

- Microprocessor
- Solid State
- Platinum RTD

Viscosity Limits*

- Up to 1,000,000 cps (centipoises)

Warm-up Time*

- 30 Minutes

Melt Rate*

- Up to 30 lbs. /hour*

Flow Rate*

- Up to 85 lbs. /hour*

Pump Type

- Steel Spur Gear

Motor Type

- AC, Fractional HP



Benchmark 525 with a 25 lb. melt tank



Benchmark 315 with a 15 lb. melt tank

STANDARD CONTROL FEATURES

Run Temperature Display

- Dual-Function Capability
- Scan "Real Time" Temperature
- Set-Point Temperature

Run Temperature Range

- 100°F - 475°F, $\pm 1^\circ\text{F}$

High Limit of Set Point

- Adjustable, 250°F - 475°F

Zone Diagnostics

- Open Sensor
- Shorted Sensor
- Overtemp

Manual Standby

- 50% Temp Set Back

Safety Timers

- Auto-Standby Timer
- Auto-Off Timer

Wake-Up Start Timer

Automatic Overtemp Shutdown

Pump Ready/Lock-out

ATTACHMENTS

Standard Hose Lengths

- 8, 12, 16, 20 & 24 ft.

Handgun Configurations

- Standard Hose Entry
- Top Hose Entry
- In-Line Hose Entry

Automatic Guns

- Single or Multi-valve

Gun Nozzles

- Bead or Spray, Interchangeable

OPTIONAL ACCESSORIES

Overhead Hose Boom & Balancer

Steel Cart With Castors

On-Off Timer: 24-hour/7-day

Shot Timer & Foot Switch

* Rates will vary depending on adhesive type and viscosity as well as system configuration.

High-Performance Hot Melt Systems From An Industry Leader

Hot Melt Technologies (HMT) has been a leader in the hot melt applications industry since 1981. We offer the applicators, accessories and adhesives you need to become efficient, all from a single source. And, we provide the after-purchase support you need to stay productive, job after job after job.

Supporting you with applicators, accessories, adhesives and expertise, **No One Puts It Together Like HMT.**

For more information, check us out at: www.hotmelt-tech.com Or call us at:

Detroit Corporate Office 248-853-2011	Atlanta 678-880-2925	Chicago 630-530-7868	Cincinnati 513-942-6862	New York 516-616-1451
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Hot Melt Technologies, Inc.

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ISO 9001 – INTERNATIONAL QUALITY ASSURANCE STANDARD

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