Benchmark® 650 Hot Melt System For High-Viscosity Butyls, Sealants And Mastics.

The Benchmark 650 Hot Melt System is designed specifically for the:

- Manufacture of insulated glass (IG) windows and doorwalls
- Fabrication of door lites and solar panels
- Sealing of metal roof seams

When configuring the Benchmark 650 System, Hot Melt Technologies addressed the unique needs of these and other users of high-viscosity butyls, sealants and mastics.

The result? A bulk hot melt applicator that combines the performance, dependability and value that have long been the standard of Benchmark Systems, with these special features:

- A 5-gallon, 10-inch diameter melt tank that accepts chunked material
- Two pre-melt grids that allow material to be added at any time
- Melt rates of 25-35 lbs./hour, and gunning rates of 1-2 lbs./minute
- A high-output pump for uniform, pulse-free material delivery
- Adjustable flow control for smooth, bubble-free material lay down

The Benchmark 650 System comes complete with a 12-foot heated hose and a lightweight, trigger-activated handgun that accepts industry standard gunning tips and nozzles.

And, like all Benchmark applicators, the Benchmark 650 System offers simple set-up and features easy-to-use controls with a locking front panel.

For expert evaluation of your operations and applicator requirements, please call us at 248-853-2011. Or email us at info@hotmelt-tech.com.

For information on all HMT products, visit us at www.hotmelt-tech.com.
**SPECIFICATIONS**

**System Type**
- High Performance, Heavy Duty
- Melt Rate: Up to 35 lbs./hr.
- Pump Rate: Up to 120 lbs./hr.
- Voltage: 220v, 1ph, 50/60hz
- Service Amperage: 20amp

**Melt Tank Capacity**
- 5 gals. (approx. 50 lbs.)

**Tank Type**
- Extruded Aluminum
- Dual Pre-Melt Center Grids
- Modular (patented)
- Release Coated

**Pump Type**
- Positive Displacement
- Hardened-Steel Spur Gear

**Motor Type**
- AC, Fractional HP

**Tank Heaters**
- Cartridge Type
- Voltage: 220v
- Wattage: 3000w

**Hose Style**
- Length: 12 ft.
- Core Size: #10
- Voltage: 220v

**Handgun Style**
- DG-401-RS Model
- Voltage: 220v

**Approximate Weight**
- 135 lbs. (dry)

**SYSTEM CONTROL FEATURES**

**Control Type**
- Microprocessor
- Solid State

**Temperature Sensor Type**
- Platinum RTD

**Run Temperature Display**
- Dual-Function Capability
- Scan "Real-Time" Temperature
- Set-Point Temperature

**Set-Point High Limit**
- Adjustable, 250°F - 475°F

**Zone Diagnostics**
- Open Sensor
- Shorted Sensor
- Overtemp

**Manual Standby**
- 50% Temp Set Back

**Pump Ready/Lock-out**

**Safety Timers**
- Auto-Standby Timer
- Auto-Off Timer

**Wake-Up Start Timer**

**ATTACHMENTS**

**Gunning Tips & Nozzles**
- Industry standard gunning tips and nozzles, ranging in size from 3/16" to 3/4", single or dual orifice

**AVAILABLE MATERIALS**

**Butyls, Sealants And Mastics**

**OPTIONAL ACCESSORIES**

**Steel Cart With Castors**

**24-Hour/7-Day On-Off Timer**

**Automatic Guns**

**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.

So, if you’re seeking value, convenience and satisfaction, remember, No One Puts It Together Like HMT.

Accepts chunked butyls, sealants and mastics.