



PROFLEX

HOT MELT SYSTEMS



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

High-Performance Premelter For High-Volume Hot Melt Operations.

With 135- and 200-lb melt tanks, Hot Melt Technologies (HMT) ProFlex G6000 Series Premelters melt adhesives fast and pump them in high volumes.

For bookbinding, roll coating, sealing, wide web and other applications where high-volume reliability is essential, count on the HMT ProFlex G6000 Premelters.

High Performance, Economical And Safe

ProFlex 6000 Systems have up to 3 independent RTD controlled pre-melt grid elements. By incorporating high-performance microprocessor controls with low wattage, high-efficiency electrical components, maximum melt rates can be achieved and maintained with minimum energy consumption. And with redundant fail-safe temperature control, workplace security is assured.

Continuous And Uniform Output

The ProFlex G6135 and G6200 provide consistent and reliable hot melt delivery with fractional horsepower AC or DC drive motors and hardened steel spur gear pumps.

Easy Operation And Maintenance

On the ProFlex G6135 and G6200.
HMT's Genesys™ System Controls ensure easy operation and accurate process control, while modular and interchangeable components assure quick serviceability.



Production proven in countless high-volume operations, ProFlex Systems from HMT are a choice you can make with confidence.

High-Performance Premelters from an Industry Leader.



ProFlex G6135 Premelter with 135 lb melt tank



ProFlex G6200 Premelter with 200 lb melt tank

SPECIFICATIONS

System Type

- High Performance
- Industrial
- Heavy Duty
- Modular

Maximum Hoses and Guns

- 2

Tank Type

- Aluminum
- Melt-On-Demand
- Modular/Interchangeable
- Release Coated

Melt Tank Capacities (lb)

- 135 lb, (18 gallons)
- 200 lb, (28 gallons)

Tank Heaters

- Interchangeable Cartridge Type
- Serviceable

Melt Rate*

- Up to 120 lb/hour

Motor Type

- AC, 1/3 HP
- DC, 1/4 HP

Pumps

- Steel Spur Gear
- Positive Displacement

Pump Rate*

- Up to 200 lb/hour

Viscosity Limits*

- Up to 1,000,000 cps

Electrical Service

- 220v, 1ph, up to 40amp

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

STANDARD CONTROL FEATURES

Temperature Readout

- Front Panel Display
- Run Temp
- Push-to-See Set Point
- Readout in F° or C°

Run Temperature Range

- 100° F – 475° F, ±1° F

High Limit of Set Point

- Front Panel Display
- Adjustable, 250° F – 475° F

Hose/Gun Controls

- Front Panel On/Off Switches

Pump/Motor Controls

- Front Panel On/Off Switches
- Standard Remote Control Interface

Zone Diagnostics

- Front Panel Display
- Ready, Sensor Fault, Low Temp, Over Temp

Over Temp Protection

- Front Panel Audible Alarm
- Redundant Fail-Safe Relays
- Independent Zone Shut-Off

Manual Standby

- Adjustable, 20% – 70% of Set Point

Safety Timers

- Front Panel Display
- Auto-Standby, 0 – 5 hours
- Auto-Off, 0 – 5 hours

Pump Ready / Lock-Out

- Tank Temp Ready or
- All Zone Ready
- Ready Delay Timer with Front Panel Display

DFS® SERVICE FEATURES

In-Service Clock

- Front Panel Hour Meter

Controls

- Plug-In Solid State Control Relays
- Plug-In Microprocessor
- Plug-In Fuses

Adhesive Supply Units (ASU)

- DFS Melt Tanks
- DFS Pumps
- DFS Motors
- DFS Tank Heaters and RTD's

DFS (Designed for Serviceability) components can be easily removed and replaced without disassembly of any other ASU components.

STANDARD ATTACHMENTS

Automatic Guns

Heated Hoses

- Lengths up to 24 ft.

ACCESSORIES

Hose Support and Overhead Balancer Systems

Steel Carts with Castors

24-hour / 7-day Scheduler



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UL AND CSA COMPLIANT



ISO 9000 CERTIFIED

