

®

PROFLEX

HOT MELT SYSTEMS



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



ProFlex® G535
w/ 35 lb Melt Tank



ProFlex® G550
w/ 50 lb Melt Tank

A Choice You Can Make
with Confidence



ProFlex® G9135
w/ 135 lb Melt Tank

UL AND CSA COMPLIANT



ISO 9000 CERTIFIED



ProFlex® by HMT®... Where product flexibility meets production flexibility.

Interchangeable Genesys™

System Control Boxes

Each G-Series Control Box can be used for handguns or automatic guns; Single or Multi-Grid Melt tanks; Bead or Spray Applications; available in 220vac 1ph, or 240vac 3ph.

- G-5, 2 Hose / 2 Gun
- G-9, 4 Hose / 4 Gun
- G-6, 2 Hose / 2 Gun / 2 Grid



ProFlex® G550
w/ 50 lb Melt Tank

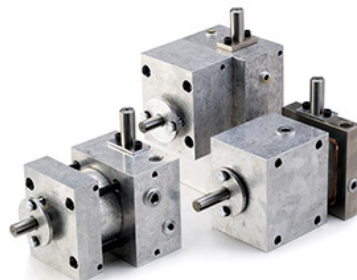
Interchangeable Melt Tanks

Patented modular melt tanks provide on-demand melting to minimize adhesive degradation

- 25 lb Capacity, Single Grid
- 35 lb Capacity, Single Grid
- 50 lb Capacity, Single or Dual Grid
- 85 lb Capacity, Dual Grid
- 135 lb Capacity, Dual Grid
- 200 lb Capacity, Dual or Triple Grid

Interchangeable Drive Motors

Constant or variable speed pump drive motors are designed for intermittent or continuous duty and provide pump rates up to 150 lb/hour.



Interchangeable Steel Gear Pumps

Positive displacement hardened steel gear pumps with D-2 wear resistant bearings, adjustable flow controls, and drain valve.

- PA 40 for hot melt adhesives
- PA 50 for hot melt butyls and sealants



Automatic Guns

HMT 600 Series Automatic Guns are designed for high-volume, heavy-duty product assembly applications with either bead or spray nozzles:

- Fixed-point dispensing
- Wide web applications
- Robot operations



600 Series Automatic Guns

HMT 800 and 900 Series Automatic Guns are designed for packaging and converting applications:

- Bag making
- Carton and case sealing
- Taper conversions
- Tray making



900 Series Automatic Guns

Nozzles

Interchangeable handgun and automatic gun nozzles are available for every application...bead, spray, swirl spray, I.G. gunning tips, extended nozzles, slot nozzles, taper nozzles, single or multi-bead nozzles, reduced cavity nozzles, and many more.



Heated Hoses

Interchangeable with HMT handguns or automatic guns, Heated Hoses are built to withstand the abuse common in the roughest industrial hot melt applications. Offering maximum durability and service life, they feature:

- Lengths up to 30 ft
- Core diameters of 3/8 in., 1/2 in., or 5/8 in.
- Replaceable RTD sensor
- Super-Tuff, X-treme nylon sleeving



Handguns

Ergonomically designed to reduce operator fatigue and weighing less than 1 1/2 lbs., HMT Handguns feature:

- Linear Swivels or 360-PLUS® Ball Swivels
- Standard hose entry, top-entry or in-line entry
- Interchangeable nozzles for bead or spray applications
- Corded or Cordless



SPECIFICATIONS

System Type

- High Performance
- Heavy Duty
- Modular
- 220v, 1ph or 240v, 3ph

Maximum Hoses and Guns

- 4 Hoses and 4 Guns

Tank Type

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

Melt Tank Capacities (lb)

- 25 lb, 35 lb, 50 lb, 85 lb
- 135 lb, 200 lb
- Special Tanks

Tank Heaters

- Interchangeable Cartridge Type

Melt Rate

- Up to 120 lb/hour

Motor Type

- Fractional HP
- Constant Speed
- Variable Speed

Pumps

- Steel Spur Gear
- Positive Displacement

Pump Rate

- Up to 150 lb / hour

Viscosity Limits*

- Up to 1,000,000 cps

STANDARD ATTACHMENTS

Heated Hoses

- Lengths up to 30 ft.
- Core Diameters #6, #8, or #10

Handguns

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

Automatic Guns

- Single or Multi-Valve

Gun Nozzles

- Single or Multi-Bead
- Ribbon or Slot
- Spray Swirl

OPTIONS:

Control Box Options:

- Control Box Key Lock
- OEM Interface Cables
- Remote Motor Run Cables
- Modbus TCP

System Options:

- Load Alert®
- Auto-Fill Vacuum Adhesive Feed System
- Steel Cart Assembly
- Pump Pressure Gauge
- Flow Meter
- Hose Support Systems
- Single or Multi-Function Pattern Controllers

Standard System Control Features

- High Definition 5" Color System Status Display
- 100°F – 475°F, ±1°F Temp Control
- Adjustable Set-Point Limit
- Adjustable Over-Temp Setting
- Audible Fault Alarm
- Temp Readout, F° or C°
- All Zone System Ready
- Manual Standby
- Multi Language Display – English, Spanish, French

Standard Timers:

- Auto-Standby Timer
- Auto-Off Timer
- Ready-Delay Timer
- 24hr / 7d On-Off Timer

Standard Convenience Features:

- One-Touch Settings Program Display
- System Program Set-Lock
- Hose/Gun On/Off Switches
- Manual Stand-by Switch
- Pump Ready Delay Over-Ride Switch
- In-Service Hour Meter
- Pump On/Off Control Switch



A Choice You Can Make with Confidence

ProFlex hot melt application systems are custom-built from a selection of heavy-duty, modular and interchangeable components to fit your precise application and process requirements. This means you can start with the exact system you want—with the assurance that you can easily reconfigure your system to meet future needs.

And to maintain shop-floor productivity and front office satisfaction, the ProFlex modular design means quick and easy serviceability with fewer spare parts, less repair time, and less cost.



(248)853-2011

info@hotmelt-tech.com

1723 W. Hamlin Road
Rochester Hills, MI 48309