

VersaBlue® XC Series

Adhesive Melters

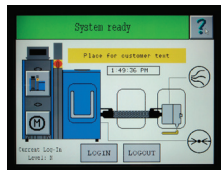
50, 100 and 200 liter melters

VersaBlue XC series melters:

- Increase system flexibility
- Simplify system configuration and upgrades
- Maximize uptime
- Install quickly and easily

VersaBlue XC series melters provide precise, dependable hot melt adhesive delivery for high-consumption applications. A comprehensive selection of high-capacity pumps, delivering up to 118.7 cubic centimeters per revolution, supports demanding adhesive dispensing requirements. Melters accept up to eight single-stream or eight dual-stream metering spur-gear pumps with variable-speed AC motors. Modular design allows users to upgrade and retrofit configurable options on-site. A choice of control systems provides seamless integration into current production environments. These include a high-performance PC, Allen-Bradley® ControlLogix® PLC, or Siemens® S7 PLC.

Single-point system operation integrates auxiliary temperature, motor and pressure controls to reduce complexity



Grid and reservoir reduce adhesive degradation and maximize throughput



Quick-disconnect hose/gun power connectors simplify installation



Open access provides quick and easy servicing



Broad selection of pump sizes, including high capacity, matches production requirements



VersaBlue® XC Series 50, 100 and 200 liter Adhesive Melters

Specifications

Type of System	Release-coated grid and reservoir Spur-gear pump with variable AC motor
Number of Pumps	Up to 8 single-stream or 8 dual-stream
Maximum Pump Rate ^{1,2}	1.4 to 541.3 kg/hr (3 to 1193.6 lb/hr)
Hose Outputs per Metered Stream	1
Number of External Motor Controllers	Maximum of 1
Maximum Working Hydraulic Pressure	85 bars/8.5 MPa (1230 psi)
Operating Temperature Range	40°to 230°C (100°to 450°F)
Ambient Temperature Range	0°to 50°C (32°to 122°F)
Temperature Control Stability	±1°C (2°F)
Electrical Service ³	200 to 240 VAC 3 phase 50/60 Hz 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz
Maximum External Temperature Control Zones	52
Maximum Internal Pressure Sensors	16
Maximum External Pressure Sensors	16
Protection	IP 54

	50 L Tanks ⁴	100 L Tanks ⁴	200 L Tanks ⁴
Holding Capacity	50 L (3051 in ³) 48.5 kg (104.7 lb)	100 L (6102 in ³) 97 kg (213 lb)	200 L (12,204 in ³) 194 kg (426 lb)
Throughput (per hour) ¹	75 kg (165.4 lb)	150 kg (330 lb)	300 kg (660 lb)
Melt Rate (per hour) ¹	50 kg (110.2 lb)	100 kg (220 lb)	200 kg (440 lb)
Melter Dimensions			
W x H x D mm (in.)	1460 x 2015 x 1250 (57.5 x 79.3 x 49.2)	1460 x 2015 x 1500 (57.5 x 79.3 x 59.1)	1460 x 2015 x 2400 (57.5 x 79.3 x 94.5)
Service/Installation			
Envelope			
W x H x D mm (in.)	1932 x 2244 x 1885 (76.1 x 88.3 x 74.2)	2182 x 2244 x 2135 (85.9 x 88.3 x 84.1)	2181 x 2244 x 3035 (85.9 x 88.3 x 119.5)
Weight Empty kg (lb) ⁵	620 (1366.9)	820 (1807.8)	1470 (3240.8)
Maximum Melter Power (W)	43400	53400	98400

¹Actual rates will vary depending on adhesive type, application parameters and input voltage.

²Range given is for maximum pump rate of various pumps available.

³Permitted deviation from rated line voltage is ±10 percent.

⁴Tank hoppers are available which extend tank holding capacities by 50%

⁵Weight depends on melter configuration.

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