

- Industrial Dispensing Equipment & Adhesive Systems
- Industrial Tooling & Maintenance Services
- Industrial Contracting, Engineering & Automation

C-Series Adhesive Melters : 4, 8, 16, 30 and 50 Liter Units



The C-Series form a range of compatible hot melt units designed for the packaging and light product assembly applications. These units combine a high technological level, complete and simple controls with a maintenance friendly design.

The C-Series is available in a large range of tank capacities (4 kg, 8 kg, 16 kg, 30 kg and 50 kg) covering all demands from low to high glue consumption in the low to medium viscosity range. Dependant on the tank size, the unit is equipped with a new design pump delivering 35 kg/h or 100 kg/h dependant on the type of unit.

The modular design of the system ensures easy access and the use of the same spare parts in units of this series. The C-Series incorporates maximum compatibility to the common market standards thus reducing your spare part inventory. Hoses and guns that connect to the C-Series are electrically and hydraulically compatible without any problem. The compatible filter is equipped with a drain valve that can be used for quick filter cleaning or to purge the unit. The foot print fits the market standard in order to ensure a fast exchange of defect units that need replacement.

The temperature control operating panel is foreseen with international symbols, and includes all functions a first level system should have, like temperature setback, fault warning, system ready, etc... Features such as low level and automatic feeding system are available as optional kits.

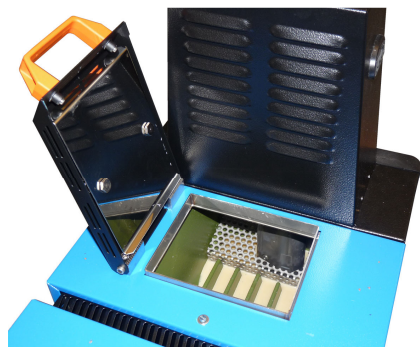
The bottom section of the electrical cabinet is prepared to easy integration of the CP-20 pattern controller for normal applications, or the CP-40 where high performance pattern control at variable speed is required. A RS485 or RS232 connection allows communication and controlling the system from the main PLC, computer or any other external control.



Temperature Controls & Built-in Timer



Hot Melt Unit with Automatic Feeder



Teflon Coated Tank



Medium and High Flow Piston Pumps



100% Compatible Connections

Features & Benefits

- Teflon coated tank allows easy cleaning and maintenance of the unit.
- Ni120 temperature controls with compatible hose/gun connections allow exchange of hoses compatible to market standard.
- Filter with purge valve allows for quick rinsing of the filter element.
- Programmable week clock for 2 shift operation ensures timely start-up of the adhesive system.
- Easy control of actual temperature versus set point for each temperature zone.
- Optional vacuum feeding system for automatic filling of the unit with hot melt granulate

Technical Characteristics

Characteristic	C4	C8	C16	C30	C50
Tank Size	3,8 l.	7,8 l.	16,0 l.	30,0 l.	50,0 l.
Melt Rate	4,2 kg/h	7,9 kg/h	13,5 kg/h	22,8 kg/h	37,8 kg/h
Max. Viscosity	30.000 mPas	30.000 mPas	30.000 mPas	30.000 mPas	30.000 mPas
Hose/Gun Temp. Channels	1-6	1-6	1-6	1-6	1-6
Temperature Controls	Ni120	Ni120	Ni120	Ni120	Ni120
Temperature Range	30 – 240 °C	30 – 240 °C	30 – 240 °C	30 – 240 °C	30 – 240 °C
Manual Stand-by	Yes	Yes	Yes	Yes	Yes
Week Clock – 2 shift program	Yes	Yes	Yes	Yes	Yes
Max. Wattage all Hoses & Guns	3.500 W	3.500 W	4.400 W	4.400 W	4.400 W
Max. Wattage per Hose/Gun	2.200 W	2.200 W	2.200 W	2.200 W	2.200 W
Max. Wattage Hose or Gun	1.600 W	1.600 W	1.600 W	1.600 W	1.600 W
N° and type of Pumps	1 Piston Pump	1 Piston Pump	1 Piston Pump	1 Piston Pump	1 Piston Pump
Pump Capacity	35 kg/h	35 or 100 kg/h	100 kg/h	100 kg/h	100 kg/h
Pump Ratio	14 :1	14 :1	14 :1	14 :1	14 :1
Air Pressure	0,3 – 6,0 bar	0,3 – 6,0 bar	0,3 – 6,0 bar	0,3 – 6,0 bar	0,3 – 6,0 bar
Voltage	220 Vac 1Ph+N+E 220 Vac 3Ph+E 380 Vac 3Ph+N+E	220 Vac 1Ph+N+E 220 Vac 3Ph+E 380 Vac 3Ph+N+E	- 220 Vac 3Ph+E 380 Vac 3Ph+N+E	- 220 Vac 3Ph+E 380 Vac 3Ph+N+E	- 220 Vac 3Ph+E 380 Vac 3Ph+N+E
IP-class	IP54	IP54	IP54	IP54	IP54
Length	700	745	845	845	845
Width	307	307	307	307	483
Height Electrical Cabinet	345	345	345	507	547
Height (max.)	565	565	605	767	807

Notes : ⁽¹⁾ Figures are dependant on the glue type and viscosity used.