

KUBE AIR SOLUTION

Manual Hot Melt Application Solution for Mattress & Upholstery Assembly Processes

Valco Melton's Kube Air Solution is designed to ensure consistent adhesive flow in manual hot melt gluing applications that require frequent restarts, such as those in upholstery or mattress assembly processes.



KUBE AIR MELTER

- **Prevent Adhesive Overconsumption.** Track current adhesive usage and analyze historical consumption patterns to identify trends and deviations. Kube Air melters provide the data to detect consumption inconsistencies between lines or shifts, allowing to establish corrective actions to prevent overconsumption.
- **Automatic Standby Mode with Immediate Restarts.** When the handgun is inactive for a set period, the hose and gun channels automatically switch to standby mode to reduce energy consumption. The melter maintains the heat, eliminating downtime during application restarts.
- **Easy Access to Handgun Air Regulation.** The handgun spray air regulators are integrated in the tank for easy operator access.



Kube Air Solution comes in ready with everything you need to start manufacturing. It includes a Kube melter specifically designed for manual applications, our Thermacore hoses, A4 or A5 manual applicators and a robust cart with gravity-free bracket for more ergonomic operations.

THERMACORE HOSES



These durable hoses are Nomex® insulated and provide maximum flexibility to endure the twisting and demanding conditions of manual applications. The air tubes for the handgun are fully integrated.

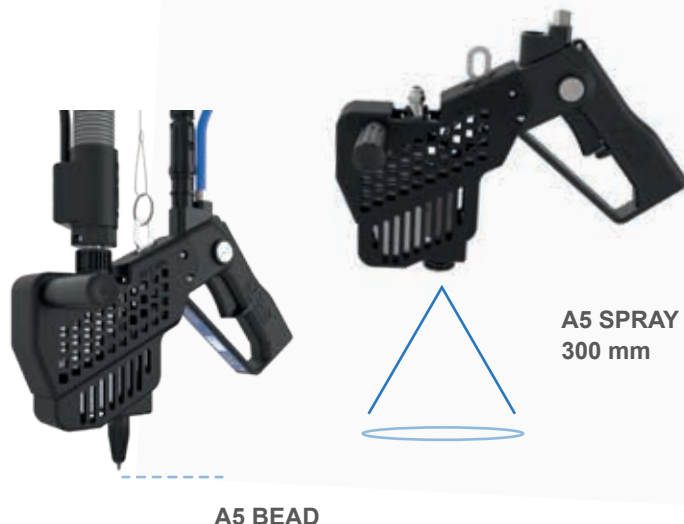
Thermacore hoses reduce adhesive degradation while improving energy efficiency, with 20% less electrical consumption than other industry standards.

A5 INSULATED HANDGUNS

Improve operator safety. A5 handguns feature an insulated cover and an ergonomic design with dual handles and a swivel fitting.

For faster restarts, both the melter pump and the compressed air in the case of spray applications are activated from the trigger.

All our nozzles and fittings are insulated as a standard.



Technical Specifications

Kube Air Melter			
Unit	Kube 04	Kube 08	Kube 16
Tank Capacity (lt)	4 L	8 L	15.5 L
Melting Rate (Kg/h)	6 L	9 L	16 L
Max. Pump Capacity (Kg /h)	Standard: 35 Kg/h / High Flow: 100 Kg/h		
Operating Temperature (°C)	15 - 230 °C		
Electrical Connections	240I+N+T, 240III+T, 400III+N+T		
Pneumatic Pressure (bar)	Standard: 15 to 80 bar		
Max. Viscosity	Up to 50,000 mPas		
Electrical Consumption (W)	1300 W	1800 W	3100 W

**High viscosities may reduce pump capacity*

Thermacore Hoses	
Maximum Work Temperature	220° C
Power Consumption	80 W
Maximum Pressure	100 bar
Minimum Curvature Radius	100 mm
Voltage	200-240 VAC

A5 Handgun	
Maximum Work Temperature	240° C
Operating Hydraulic Pressure	100 bar
Air Pressure	4 - 6 bar
Electric Supply	200 - 240 VAC 50/60 Hz

For more information, visit valcomelton.com or contact your local representative

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