



SML INDUSTRIES

SMLC MAKE HOTMELT DISPENSER

Technical Specification



Pump Type	Gear Pump
OS	PLC touch screen
Melting Rate	12kgs / hr
Output	2
Max Temperature	250 °C
Weight	50kgs
Max Viscosity	30,000 cps
Wattage	2500W
Power	220v AC, 50Hz single phase

The System will be consisting of the following items

- Heating jacket and base heater attached with tank(Capacity 10 ltr)
- Automatic dispensing gun
- Dispensing gun block heater
- Foot pedal-operated switch
- PLC Based control panel
- Dispensing Flow rate:10kg/hr(Customisez)
- Machine enclose

Automatic Dispensing Valve:-

SMLC Heated Hose:-



Model	Slot Die Gun
Voltage	220V
Width	Customize to 160mm
Power	600W
Operation Temperature	0-250 °C
Temperature Sensing	Type K or PT100
Glue State	Plane scraping glue
The Working Principle	Air on air off

SMLC Heated Hose:-



Size: 3/8 Inch
Length: 5 meters
End Connections: BSP
Heater Watt: 45- 100 W/m
Max Temp.: 220 deg.c
Sensor: PT 100
Hose: Poly Hose make
Pressure: High Pressure Up to 400 bar (BP)
Nylon, PTFE, Thermoplastic Tubes

Operation of the Machine:

- Install the machine in a clean and dry area on the table away from fan air (Breeze).
- Clean the machine, controller, and pressure pot completely
- Connect the air supply to the machine (dry air) 0 – 10 bars
- Connect the supply voltage to the machine with proper earthing
- Check the operation ON/OFF of the glue dispensing valve providing air 0-10 bar, on the timer controller
- Check the heating of the pressure pot, dispensing gun block by individual turning on/off power
- If dispensing valve operation and heating system is correct then switch off the power and fill the glue material in the pot.
- Closely tight the lid of the pressure pot
- Switch on the pressure supply and set the temp. as per required for the glue melting
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- Wait to set the temperature point it will take some time when the material melts then press the paddle switch to operate the dispensing gun.
- Material Feeding through the Vacuum Pump.



09-50 ltr PID Based Hot melt Dispenser



20-200 ltr Hot melt Dispenser



10 ltr PLC Based Hot melt Dispenser



05 ltr PLC Based Hot melt Dispenser

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