



SHRI MAHALUXMI INDUSTRIES

Dear Sir,

Thank you for your enquiry and we are pleased to quote the system for said enquiry as below

HOT MELT ADHESIVE DISPENSING MACHINE

Machine details

Features & Specifications

Machine size (LxWxH)	600 x600x700
Machine weight	70 kg
Supply Voltage	Single phase, 32 amp ,230 v, 50 Hz
Dry compressor Air	0-10 bar max air pressure
Dispensing gun block heater	200 watts
heater jacket	3kw
Base heater	500 watts
Timer controller	1 millisecond to 10 minutes manual set
Value output	Shot size approx. 0.5 ml to 10 ml
Hot melt glue heating time	30 min to 2 hrs approx.
Wetted parts	SS 304, brass, aluminum, Viton
Glue pressure pot air inlet pressure	6 bar Max.
Max operating Temperature	200 deg. Celsius

The System will be consisting of the following items

- a. Pressure feed tank 1 litter to 20 litter (as per required)
- b. Heating jacket and base heater attached with tank
- c. Automatic dispensing gun
- d. Dispensing gun block heater
- e. Foot pedal operated switch
- f. Electro pneumatic control panel
- g. Dispensing Flow rate: customized
- h. Ratio variation: customized as per application
- i. Machine encloser
- j. Gear pump for precise shot dispensing (optional)

Utilities required for Machine: Power 4-6 KW, Air consumption: 100 LPM at 5-6 bar

Operation of the Machine

1. Install machine in clean and dry area on the table away from fan air (Breeze)
2. Clean the machine, controller, pressure pot completely
3. Connect air supply to the machine (dry air) 0 – 10 bars
4. Connect the supply voltage to the machine with proper earthing
5. Check the operation ON/OFF of the glue dispensing valve providing air 0-10 bar, on timer controller
6. Check the heating of pressure pot, dispensing gun block by individual turning on/off power
7. If dispensing valve operation and heating system is correct then switch off the power and fill the glue material in the pot.
8. Closely tight the lid of pressure pot
9. Switch on the pressure supply and set the temp. as per required for the glue melting
10. Again, check the air release valve by pulling the ring for safety working.
11. Wait for set the temperature point it will take some time when the material melts then press paddle switch to operate dispensing gun.
12. As per hot melt glue timer take out material from the gun.



Image: dual output hot melt dispensing machine



Dual output hot melt dispensing machine with heated hose

HEATED HOSE



Specifications:

Sizes available from 10mm with standard Fittings up to 3/8" BSP other sizes as per requirement.

Heater Watt - 45 to 130 w/m

Temp - Max 70 to 180 c

Sensor- PT100

Nylon, PTFE, Thermoplastic tubes

SMLC AUTOMATIC HOTMELT DISPENSING GUN



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