Hot Melt Machines

Atlantic Machinery's range of Hot Melt Extruders were designed to cover all levels of Insulated Glass Manufacturing. Whether utilising the machinery for remakes or following production schedules numbering thousands, a suitable machine is available.

Accurate temperature control is achieved by utilising the latest electronic temperature control coupled with the reliability of Type K thermocouple probes. The larger 'keypad' type machines are pre-calibrated for all the different hot melt sealants, changeable at the press of a button.

All machines accept standard sealant blocks and are all electric. The machine build specification is high, fitting over spec motor, gearbox and pumps to eliminate premature major component wear. AC motor drive controllers are used throughout the range.

The unique keypad design incorporates the following:

7 day timer, pre-calibrated sealant settings, temp standby, knob free speed control, audible low and high temp warning, security password, etc.

Specification

Model	HM 1000	HM 1500	HM 2000	HM 3000	HM 5000
Production Capacity	Smaller sealed unit manufacture or as back-up machine.	Manufacturers looking to produce in excess of 500 per week.	Designed as a work horse capable of over 1000 units per week.	High output machine capable of 2000 units per week.	Ideal for production environments requiring continuous output and demanding schedules.
Output	Variable Up to 1000g/min	Variable Up to 1500g/min	Variable Up to 2000g/min	Variable Up to 3500g/min	Variable Over 5000g/min
Hopper capacity	15Kg	24Kg	42Kg	70Kg	200Kg
Integral 7 day pre-warm timer	✗	✗	✓	✓	✓
Heated hose	3.0 mtr	3.0 mtr	3.0 mtr	3.0 mtr	3.0 mtr
Mains electricity supply	Single phase 220/240 V AC supply	Single phase 220/240 V AC supply	Single phase 220/240 V AC supply	Single phase 220/240 V AC or 415/440 V 3 phase	3 phase 415/440 V or Single 20 Amp
Temp standby facility	✗	✗	✓	✓	✓
12 month warranty of all parts & labour	✓	✓	✓	✓	✓
Power consumption	7 Amp / 1.5 Kw	7 Amp / 1.5 Kw	10 Amp 2 Kw	16 Amp / 3 Kw	20 Amp / 4 kW
Electronic programmable temperature controllers	2	3	Keypad	Keypad	Keypad
Dimensions (mm) H W D	800 420 420	920 550 520	1300 840 560	1400 1300 540	1500 1300 500

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