

KING^US
Solution Corp.

Low Pressure Molding
An innovative process:
20~500psi(1.5~35Kgf/cm²)
To replace the epoxy potting
for protection of fragile
electronic components.



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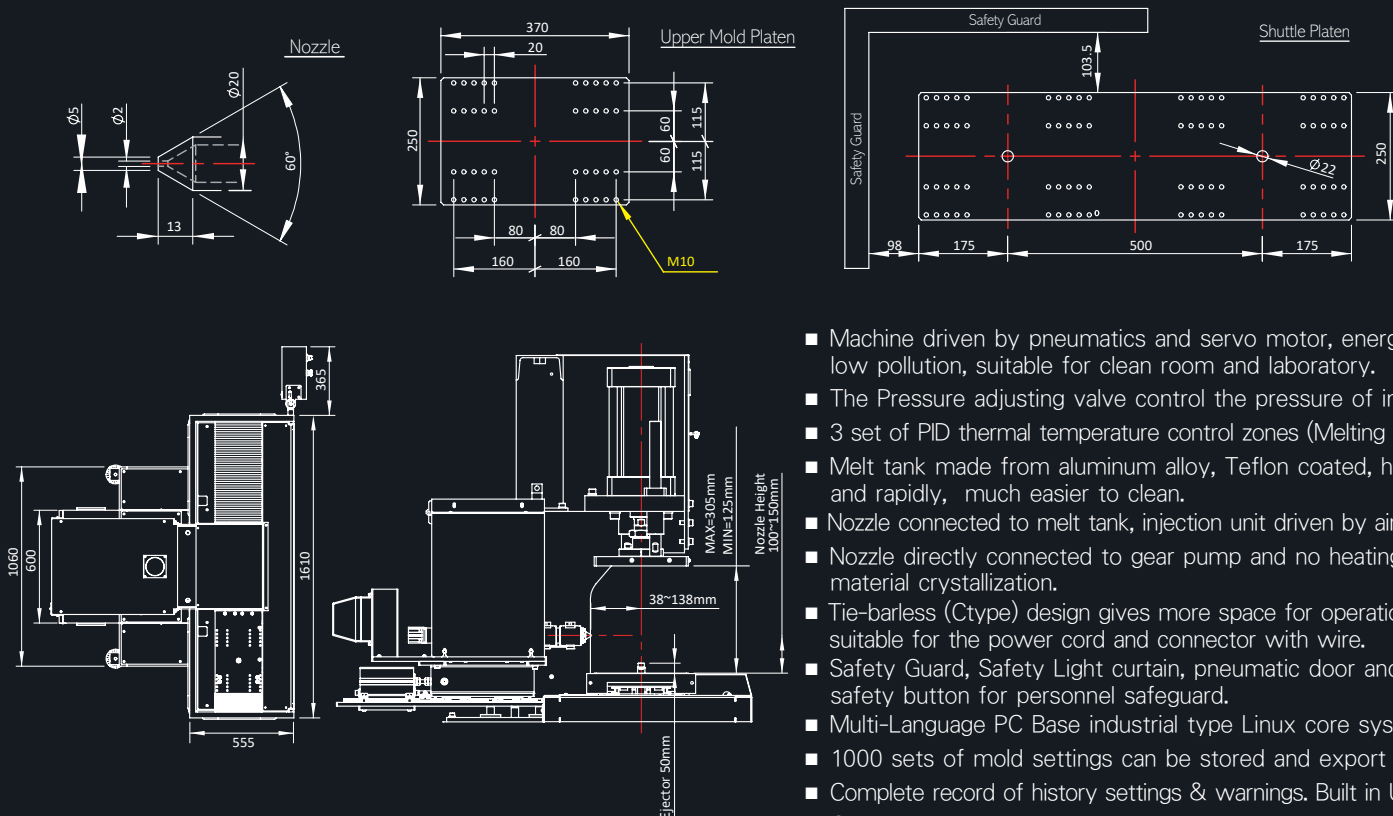
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C Type Shuttle Table

Low Pressure Molding Machine



C Type Low Pressure Molding Machine



- Machine driven by pneumatics and servo motor, energy saving, low pollution, suitable for clean room and laboratory.
- The Pressure adjusting valve control the pressure of injection.
- 3 set of PID thermal temperature control zones (Melting tank and nozzle).
- Melt tank made from aluminum alloy, Teflon coated, heating evenly and rapidly, much easier to clean.
- Nozzle connected to melt tank, injection unit driven by air pressure.
- Nozzle directly connected to gear pump and no heating pipe, avoid material crystallization.
- Tie-barless (Ctype) design gives more space for operation. Especially suitable for the power cord and connector with wire.
- Safety Guard, Safety Light curtain, pneumatic door and dual palm safety button for personnel safeguard.
- Multi-Language PC Base industrial type Linux core system.
- 1000 sets of mold settings can be stored and export as backup.
- Complete record of history settings & warnings. Built in USB connect.
- On-line control and maintenance service.

Model		KL-CX-01-2-09-1	KL-CX-04-2-09-1
INJECTION UNIT			
Injection Type		Horizontal injection from parting line	
Melting Tank Capacity	L	3.5 / 6.5 *Optional	
Injection Capacity	ml/r	8.98	
Pump Speed	r.p.m.	0~100	
Nozzle Stroke	mm	50	
Nozzle Contact Force	Tf	0.06	
CLAMPING UNIT			
Clamping System		Pneumatic	Hydraulic
Clamping Force	Tf	1	4
Opening Stroke	mm	160	180
Mould Space	mm	285	
Min Mould Space	mm	125	
Size of Upper Platen	mm	370*250	
Size Of Shuttle Platen	mm	850*250	
Shuttle Platen Stroke	mm	500	
Ejector		Pneumatic	
Ejector Force	Tf	0.12	
Ejector Stroke	mm	(UP) 50	
ELECTRICAL EQUIPMENT & GENERAL			
Power Source / Voltage	V/HZ	1φ-220v (60Hz / 50Hz)	
Drive Motor	KW	0.4	
Heater	KW	4.8	
Temperature Control Zone	ZONE	3	
Hydraulic System Pressure	kgf/cm²	6	
Machine Dimension	m	1.98*1.30*1.75	
Machine Weight	ton	0.8	

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