

KING^{US}
Machinery and
Engineering
Corp.

Green
Design

Smart
Control

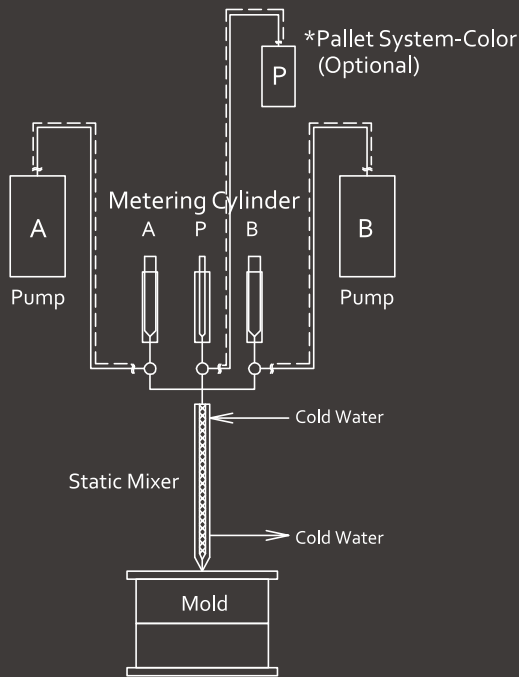


LSR



Vertical Liquid Silicone Rubber
Injection Molding Machine

Vertical Liquid Silicone Rubber Injection Molding Machine



- Precision vertical clamping system (parallelism/ flatness : 0.02/ 100 mm) , heavy-duty tie-bars, and low-pressure mold clamping work together to greatly extend machine & mold life.
- With shuttle table \ rotary table, pick and place products while molding finish, make production safe and efficient, then reduce the cost of production.
- The static mixer with larger L/D can well mix A/B components.
- Quick- Change Pallet System is operator- friendly change of material.
- To replace static mixer is faster than the screw system to save changing time and material more than 2 times.
- With servo pump power system saving energy 50~70%.



Vertical Hydraulic Clamping System



Operator-friendly



Safety Design for Operator



Energy Saving

Model		KL460-400-75DVS-1-S68 Single Slide	KL520-400-100DV2S-1-S68 Shuttle Table	
INJECTION UNIT				
Plunger Diameter	mm		36	
Injection Capacity	cm ³		407	
Injection Pressure	kgf/cm ²		437	
Injection Weight	oz		15.5	
	gram		439	
Injection Rate	cc/s.		100	
Injection Speed	mm/s.		99	
Plunger Stroke	mm		200	
Nozzle Stroke	mm		300	
Nozzle Contact Force	ton		3.2	
CLAMPING UNIT				
Clamping Force	ton	75	100	
Minimum Mold Height	mm	200	200	without Heating Platen
Opening Stroke	mm	250	275	
Maximum Daylight	mm	450	475	
Overall Size Of Platens	mm	620*460	700*725	
Space Between Columns	mm	460*300	495*520	
Size Of Shuttle Table	mm	450*460	1450*510	
Shuttle Table Stroke	mm	500	750	
Ejector Force	ton		4	
Ejector Stroke	mm		up 100	
ELECTRICAL EQUIPMENT & GENERAL				
Power Source	v/hz		380/60	
Drive Motor	kW		11	
Heater	kW		19.2	
Temperature Control Zone	zone		3+2	
Hydraulic System Pressure	kgf/cm ²		140	
Machine Dimension	m	2.0*2.2*3.3	2.7*2.1*3.6	
Machine Weight	ton	2.3	4.5	
★Option Heating Platen \ LSR Transfer pump A/B/P - (a) 55 gallon (b) 5 gallon				

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