

**KING'S**  
Machinery and  
Engineering  
Corp.

Green  
Design

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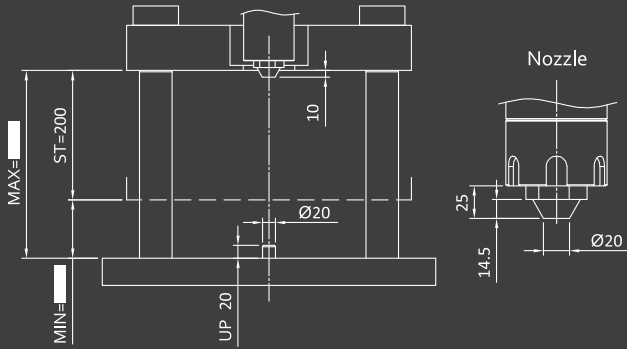
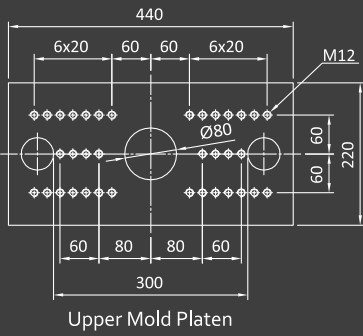


Vertical 2 Tie Bar  
Injection Molding Machine



# Vertical 2 Tie Bar Injection Molding Machine

## K75-10DV-1



- Vertical direct hydraulic clamping system is designed for accurate, safe operation, especially suitable for insert molding.
- Precision vertical mold clamping system (parallelism/flatness: 0.02/100mm), heavy-duty tie-bars, and low-pressure mold clamping work together to greatly extend machine & mold life.
- Nitride/ NIP/ Nitroflon coated screw and barrel are long-lasting, robust and provide superior acid/alkaline resistance.



Vertical Hydraulic Clamping System



Energy Saving



More Working Space



Small-volume Large-variety Production

Model	K75-10DV-1		
<b>INJECTION UNIT</b>			
Screw Diameter	mm	24	28
Injection Pressure	kgf/cm <sup>2</sup>	1957	1438
Injection Capacity	cm <sup>3</sup>	38	52
Injection Weight	oz	1.4	1.8
	gram	38	52
Injection Rate	cc/s.	32	44
Screw Speed	r.p.m.	0-180	
Screw Stroke	mm	85	
Nozzle Stroke	mm	160	
Nozzle Contact Force	ton	3.7	
<b>CLAMPING UNIT</b>			
Clamping Force	ton	10	
Minimum Mold Height	mm	35	90
Opening Stroke	mm	200	
Maximum Daylight	mm	235	290
Overall Size of Platens	mm	440*220	
Space Between Columns	mm	300	
Ejector Force	ton	2	
Ejector Stroke	mm	up 21	
<b>ELECTRICAL EQUIPMENT &amp; GENERAL</b>			
Power Source	v/hz	220/60	
Drive Motor	kW	3	
Heater	kW	3.4	
Temperature Control Zone	zone	3	
Hydraulic System Pressure	kgf/cm <sup>2</sup>	140	
Machine Dimension	m	0.75*1.1*2.3	
Machine Weight	ton	0.6	

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