

**KING**<sup>US</sup>  
Machinery and  
Engineering  
Corp.

# Green Design

# Smart

# Control

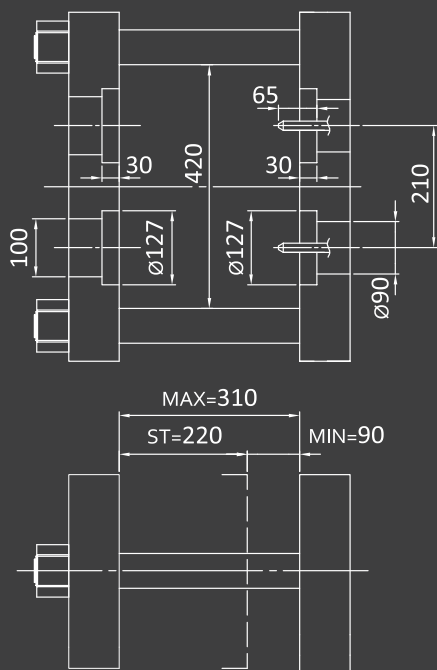


# HEEL



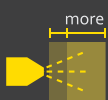
Auto-Pin-Loading Heel  
Injection Molding Machine

# Auto-Pin-Loading Heel Injection Molding Machine



( Unit : mm )

- Automatic Pin loading.
- Suitable for heel height within 100mm.
- Three stage ejection setting.
- Four section injection proportionally control.
- Two adjustable nozzles with hot runners.
- Molding a pair of heels in one shot.
- Heels drop automatically and cooled by water-cooling tank with conveyor, increase 30% productivity.
- Hydraulic clamping system for smooth mold closing to protect mold.
- Standard with variable pump power system energy saving 50~70%
- Optional with servo pump power system energy saving 50~70%



Suitable for Wall Thickness More



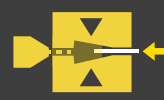
Operator- friendly



Safety Design For Operator



Energy Saving



Automatically Insert

Model		K410-170-35H-2		
<b>INJECTION UNIT</b>				
Shotting Pot Diameter	mm	44	30	
Injection Pressure	kgf/cm <sup>2</sup>	940	2022	
Injection Capacity	cm <sup>3</sup>	228	106	
Injection Weight	oz	8.5	4.5	
	gram	242 (ABS)	127 (PC)	
Injection Rate	cc/s.	60	60	
Screw Speed	r.p.m.	0~180		
Screw Stroke	mm	150		
Nozzle Stroke	mm	150		
Nozzle Contact Force	ton	4.3		
<b>CLAMPING UNIT</b>				
Clamping Force	ton	35		
Opening Stroke	mm	220		
Minimum Mold Height	mm	90		
Maximum Daylight	mm	310		
Overall Size Of Platens	mm	600*340		
Space Between Columns	mm	410		
Ejector Force	ton	2.7		
Ejector Stroke	mm	300		
<b>ELECTRICAL EQUIPMENT &amp; GENERAL</b>				
Power Source / Voltage	v/hz	380/60		
Drive Motor	kW	5.6		
Heater	kW	8.24		
Temperature Control Zone	zone	5		
Hydraulic System Pressure	kgf/cm <sup>2</sup>	140		
Machine Dimension	m	4.1*0.8*1.7		
Machine Weight	ton	2.5		

**KING'S Solution Corp.**

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