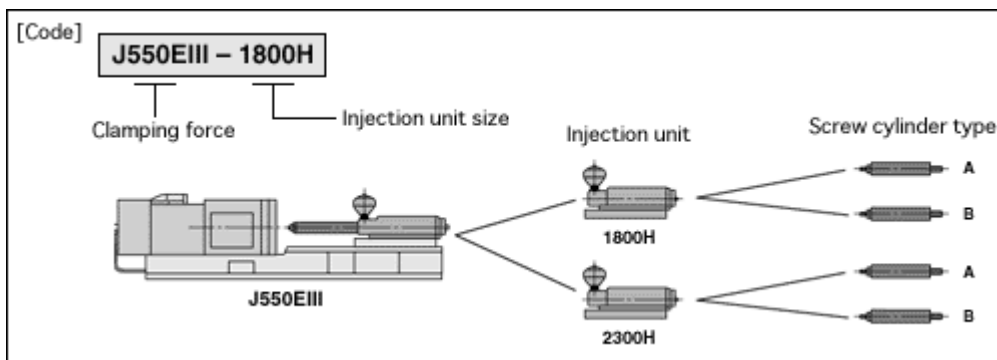


LARGE SIZE INJECTION MOLDING MACHINE  
J550EIII  
Specifications

Unit	Item		Model / J550EIII					
			1800H		2300H			
Injection Unit	Screw cylinder type		A	B	A	B		
	Screw diameter		mm	83	92	83	92	
	Injection pressure		MPa {kgf/cm <sup>2</sup> }	189 {1920}	153 {1560}	189 {1920}	153 {1560}	
	Theoretical injection capacity		cm <sup>3</sup>	1839	2260	2299	2825	
	Injection capacity (GP-PS)		g	1673	2057	2092	2570	
	Injection rate		cm <sup>3</sup> /s	488(406)	599(499)	488(406)	599(499)	
	Plasticizing rate (GP-PS)		kg/h	270(225)	340(283)	270(225)	340(283)	
	Screw speeds		High torque (Max.)	min <sup>-1</sup>	103(86)		103(86)	
			Low torque (Max.)	min <sup>-1</sup>	147(123)		147(123)	
	Screw stroke		mm	340		425		
	Nozzle stroke from platen		mm	50				
	Type of nozzle			Open nozzle				
	"PID" cylinder temperature control			Cylinder4, nozzle1				
Clamping Unit	Mechanism		Double toggle					
	Clamping force		kN{tf}	5400{550}				
	Maximum daylight opening		mm	1700				
	Opening stroke (Max.)		mm	900				
	Mold height		mm	400~800				
	Distance between tie-bars (HxV)		mm	900x900				
	Platen size (HxV)		mm	1300x1300				
	Hydraulic ejector			Cross line [21 points]				
	Ejector force/stroke		kN{tf}/mm	167{17} /180				
	Mold closing/opening speeds		m/min	58-57(48-47)				
Electrical Equipment	Pump driving motor		kW	75				
	Heater wattage		kW	37.95				
	Mold height adjusting motor		kW	2.2				
	Total power capacity		kW	115				
Machine Dimensions and General	Machine weight		t	27				
	Machine dimensions (LxWxH)		m	9.6x2.1x2.5		9.9x2.1x2.5		
	Hydraulic oil reservoir		L	750				
	Hopper capacity		L	124[optional]				

Block System



Notes:

- Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
- Performance specifications are based on theoretical data.
- Due to continual improvements, specifications are subject to change without notice.
- 1MPa=10.2kgf/cm<sup>2</sup>, 1kN=0.102tf

Remarks:

- 1) The theoretical injection capacity is (cross sectional area of cylinder) x (stroke of screw).
- 2) The injection capacity is applicable for GP-PS and variable according to the grade of resin, molding conditions and mold.
- 3) The plasticizing rate is applicable for GP-PS.
- 4) The total power capacity does not include power for the mold height adjusting motor (as it is not used while the machine is operated.)
- 5) Figures in parenthesis are applicable for 50 Hz power source.
- 6) PC (polycarbonate), HPVC, low temperature setting, high speed molding, engineering plastic, etc. may require a high torque depending on the grade or molding conditions. Please contact us if you plan.