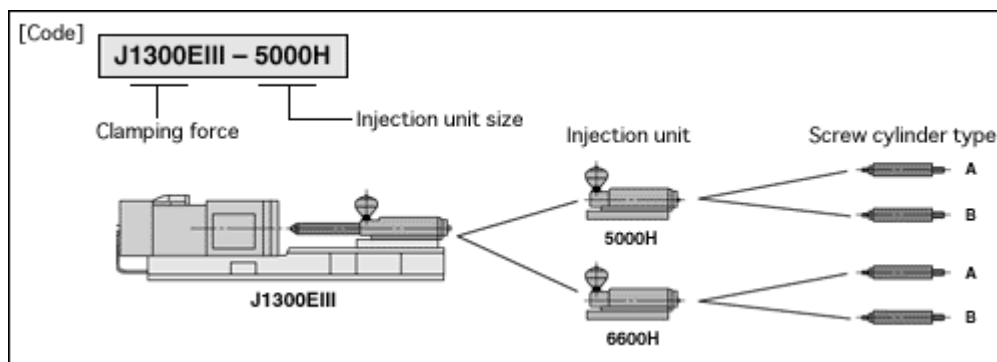


LARGE SIZE INJECTION MOLDING MACHINE
J1300EIII
Specifications

Unit	Item		Model / J1300EIII				
			5000H		6600H		
Injection Unit	Screw cylinder type		A	B	A	B	
	Screw diameter		mm	110	120	120	130
	Injection pressure (Max.)		MPa {kgf/cm ² }	169 {1720}	142 {1440}	167 {1700}	143 {1450}
	Injection capacity (Theoretical)		cm ³	5034	5991	6556	7694
	Injection capacity (GP-PS)		g	4581	5452	5966	7002
	Injection rate		cm ³ /s	849(708)	1010 (842)	855(713)	1003 (836)
	Plasticizing rate (GP-PS)		kg/h	580(483)	530(442)	570(475)	590(492)
	Screw speeds		High torque (Max.)	min ⁻¹		70/90(63/83)	
			Low torque (Max.)	min ⁻¹		140(125)	
	Screw stroke		mm	530		580	
	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}	12800{1300}			
	Maximum daylight opening		mm	2800			
	Opening stroke (Max.)		mm	1500			
	Mold height		mm	650~1300			
	Distance between tie-bars (HxV)		mm	1315x1270			
	Platen size (HxV)		mm	1915x1890			
	Hydraulic ejector			Cross line [29 points]			
	Ejector force/stroke		kN{tf}/mm	354{36} /250			
	Mold closing/opening speeds		m/min	43-47(36-39)			
Electrical Equipment	Pump driving motor		kW		105		
	Heater wattage		kW		43.15	48.45	
	Mold height adjusting motor		kW		7.5		
	Total power capacity		kW		150	155	
Machine Dimensions and General	Machine weight		t		67	68	
	Machine dimensions (LxWxH)		m		12.6x2.9x2.9	13.0x2.9x2.9	
	Hydraulic oil reservoir		L		1700		
	Hopper capacity		L		170[optional]	340[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/cm², 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.