

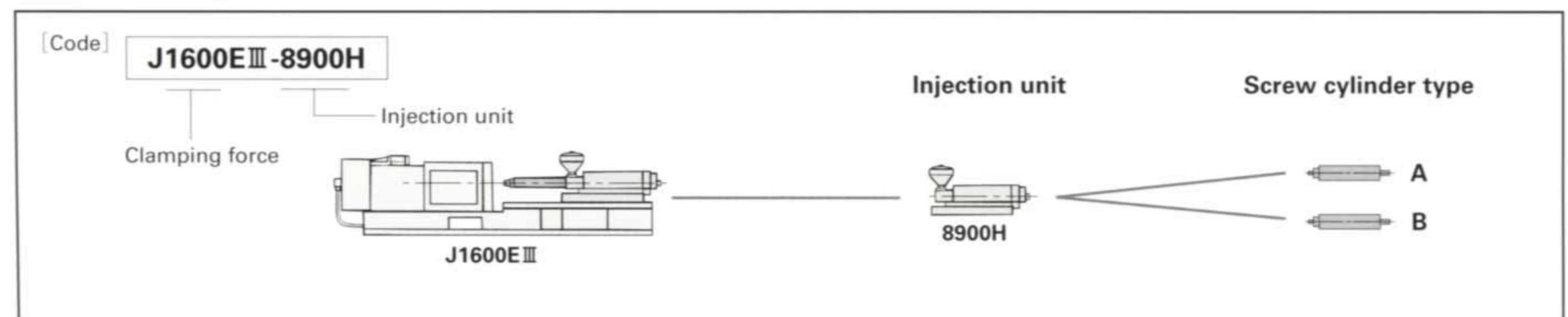
Large Size Injection Molding Machine

J1600EII

■ Specifications

Item	Injection unit	8900H		
		A	B	
Injection Unit	Screw cylinder type	A	B	
	Screw diameter	mm	130	140
	Injection pressure	MPa {kgf/cm ² }	192 {1950}	165 {1680}
	Theoretical injection capacity	cm ³	8893	10314
	Injection capacity [GP-PS]	g	8093	9386
	Injection rate	cm ³ /s	836 (695)	970 (806)
	Plasticizing rate [GP-PS]	kg/h	590 (492)	680 (567)
	Screw speed	High torque [Max.]	min ⁻¹ 50/60 (42/50)	
		Low torque [Max.]	min ⁻¹ 65/90 (54/75)	
	Screw stroke	mm	670	
	Nozzle stroke from platen	mm	50	
	Type of nozzle		Open nozzle	
Cylinder temperature control		Cylinder 4, nozzle 1		
Clamping Unit	Mechanism	Double toggle		
	Clamping force	kN {tf}	15700 {1600}	
	Daylight opening [Max.]	mm	3200	
	Opening stroke [Max.]	mm	1700	
	Mold height	mm	800~1500	
	Distance between tie-bars [H×V]	mm	1530×1280	
	Platen size [H×V]	mm	2170×1920	
	Hydraulic ejector		Cross line [33 points]	
	Ejector force / stroke	kN {tf}/mm	432 {44} / 300	
	Mold closing / opening speed	m/min	40-42 (33-35)	
Electrical Equipment	Pump driving motor	kW	120	
	Heater wattage	kW	63.97	
	Mold height adjusting motor	kW	18.5	
	Total power capacity	kW	186	
Machine Dimensions and General	Machine weight	t	90	
	Machine dimensions [L×W×H]	m	15.9×3.2×3.3	
	Hydraulic oil reservoir	L	1700	
	Hopper capacity	L	340 [optional]	

■ Block System



Remarks:

- 1) The theoretical injection capacity is (cross sectional area of cylinder) × (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, engineering plastic, etc., low temperature setting, and high speed molding may require a high torque depending on the grade or molding conditions. Please contact us if you plan.

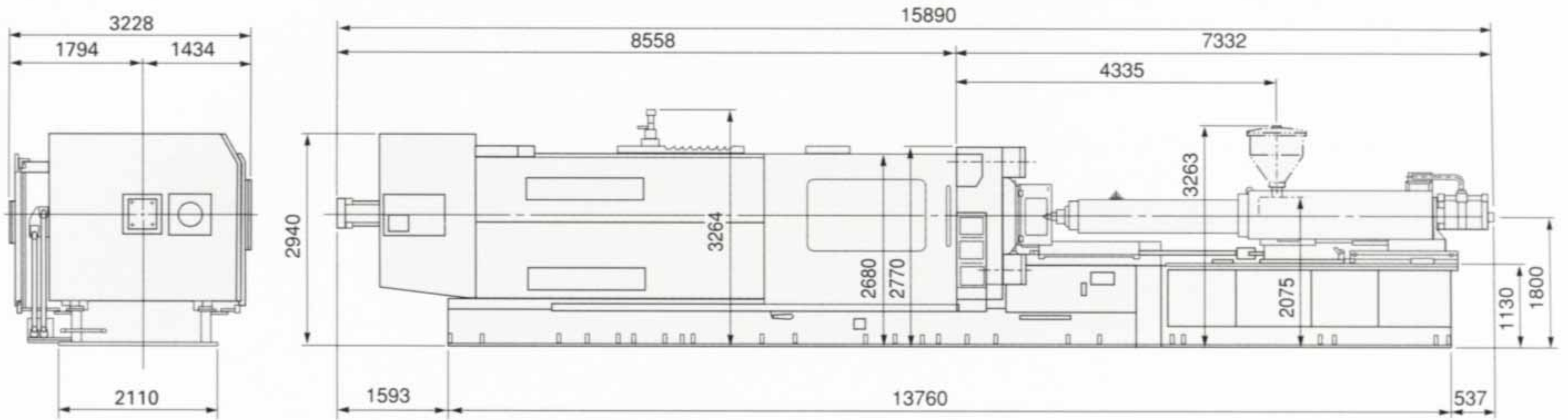
Notes:

- 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

Machine Dimensions

J1600EIII

Machine dimensions (L×W×H) m J1600EIII-8900H 15.9×3.2×3.3



Mold Dimensions and Relative Equipment

