

PLASTAR SI-940IV SPECIFICATIONS

		in-line screw					
		L			M		
Injection system	—						
Injection unit type	—						
Injection stroke	in	16.53	17.71		19.69		
Screw diameter	in(mm)	3.26(83)	3.54(90)	3.93(100)	3.94(100)	4.33(110)	
Theoretical injection capacity	in ³	138.64	174.71	215.65	240.1	290.0	
Injection capacity (PS)	oz	76.08	95.6	118.4	131.5	159.2	
Standard	Injection unit	-	L750BU			M750BU	
	Injection rate	in ³ /s	56.14	65.96	81.46	72.0	86.9
	Max. injection speed	in/s	6.69			5.90	
	Max. injection pressure	psi	31270	27006	22031	27018	22041
	Max. injection holding pressure	psi	28427	24163	19899	24174	19908
Recovery rate (PS)	oz/s	3.30	4.40	5.99	5.64	7.41	
Screw revolution speed	min ⁻¹	170			160		
Nozzle pressing force	U.S.ton	4.4			4.4		

Clamping system	—	Double toggle				
Clamping force	U.S.ton	940				
Clamping stroke	in	47.24				
Min. mold height	in	19.68				
Max. mold height	in	47.24				
Tie bar clearance (H×V)	in	51.96×51.96				
Die plate size (H×V)	in	68.89×68.89				
Ejector force	U.S.ton	27.5				
Ejector stroke	in	7.87				

Heater capacity	kW	38.80	49.40	53.40	53.40	61.40
Mold height motor output	kW	1.5				
Nozzle touch motor output	kW	2.9				
Machine dimensions (L)	in	454.33	458.03	467.68	476.66	
Machine dimensions (W×H)	in	104.84×105.91				
Power source	-	Three-phase AC200V/200, 220V±10% 50Hz/60Hz				
Main breaker capacity	A	500				
Total electric capacity	kVA	110			115	
Calbe size 230V Class【460V Class ※1】	in ²	0.310【0.155】				
Machine weight	U.S.ton	65.1			67.3	

NOTES

- The figures are subject to change without any legal obligation on the part of the manufacture.
 - The maximum injecting pressure and the maximum holding pressure are attainable maximum set values. There values may be limited by molding conditions and cycle time.
 - The injection rate and the maximum injecting speed are calculated Values. These values may be limited by set injecting pressures.
 - When a screw with wide diame may not be accepted.
 - When the machine is attached with an option, the capacity of the breaker. may be changed.
 - The values in brackets are applied to machines with options.
- ※1.A transformer(option) is necessary on the machine side.