

PLASTAR SI-750IV SPECIFICATIONS

		in-line screw									
		K			L			M			
Injection	Injection system	-									
	Injection unit type	-									
	Injection stroke	in	12.04	14.76	16.53	17.71	19.69				
	Screw diameter	in(mm)	2.67(68)	2.95(75)	3.26(83)	3.26(83)	3.54(90)	3.93(100)	3.94(100)	4.33(110)	
	Theoretical injection capacity	in ³	67.79	101.05	123.75	138.64	174.71	215.65	240.1	290.0	
	Injection capacity (PS)	oz	37.22	55.48	67.94	76.08	95.6	118.4	131.5	159.2	
	Standard	Injection unit	-	K600BU			L750BU			M750BU	
		Injection rate	in ³ /s	39.84	48.51	59.37	56.14	65.96	81.46	72.0	86.9
		Max. injection speed	in/s	7.08			6.69			5.90	
		Max. injection pressure	psi	31270	25584	21320	31270	27006	22031	27018	22041
		Max. injection holding pressure	psi	28427	22741	18477	28427	24163	19899	24174	19908
	Recovery rate(PS)	oz/s	2.20	2.90	3.88	3.30	4.40	5.99	5.64	7.41	
	Screw revolution speed	min ⁻¹	200			170			160		
Nozzle pressing force	U.S.ton	4.4						4.4			

Clamping	Clamping system	-	Double toggle						
	Clamping force	U.S.ton	750						
	Clamping stroke	in	39.37						
	Min. mold height	in	17.72						
	Max. mold height	in	43.31						
	Tie bar clearance (H×V)	in	45.07×45.07						
	Die plate size (H×V)	in	60.62×60.62						
	Ejector force	U.S.ton	19.8						
	Ejector stroke	in	7.87						

Others	Heater capacity	kW	24.80	31.20	38.80	38.80	49.40	53.40	53.40	61.40
	Mold height motor output	kW	1.5							
	Nozzle touch motor output	kW	0.4			2.9				
	Machine dimensions (L)	in	417.72			417.72			442.52	
	Machine dimensions (W×H)	in	95.28×92.52			98.04×92.52			99.22×92.52	
	Power source	-	Three-phase AC200V/200, 220V±10% 50Hz/60Hz							
	Main breaker capacity	A	500							
	Total electric capacity	kVA	98			110			115	
	Calbe size 230V Class[460V Class ※1]	in ²	0.310【0.155】							
Machine weight	U.S.ton	47.4			50.7			52.9		

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 wi 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.