

Parameters of SSFK5 plastic injection machines																						
Items	Parameter	Unit	Parameter Value (SSF250)		Parameter Value (SSF380)		Parameter Value (SSF500)		Parameter Value (SSF700)		Parameter Value (SSF900)			Parameter Value (SSF1180)			Parameter Value (SSF1480)			Parameter Value (SSF1680)		
Injection Unit	Screw diameter	mm	A	B	A	B	A	B	A	B	A	B	C	A	B	C	A	B	C	A	B	C
			22	25	27	30	28	30	34	36	32	35	38	35	38	42	38	42	45	42	45	50
	Screw L/D ratio	L/D	17.7	15.5	18.4	16.5	19	17.7	18.8	17.7	24.8	22	20	22	20.2	18.4	22.1	20	18.6	23.6	22	19.8
	shot volumn (theoretical)	Cm ³	30	38	48	58	70	80	113	127	112	134	158	163	192	235	193	235	270	311	357	441
	injection weight(PS)	g	27	34	44	53	64	73	103	115	102	122	144	148	175	213	176	213	246	283	325	402
	plasticizing capacity	g/s	2.6	3.3	4.3	5.9	6.9	7.7	11.6	13	10.5	11.6	13	5.2	6.2	7.5	6.2	7.5	8.7	10	11.5	14.2
	injection rate	g/s	25	32	35	43	43	49	86	96	73	88	103	89	105	128	94	115	132	138	160	196
	injection pressure	Mpa	185	143	187	151	224	195	171	153	208	174	148	219	186	152	208	171	149	203	177	143
	screw speed	rmp	165		170		200		180		220			210			185			180		
Clamping unit	clamp force	KN	250		380		500		700		900			1180			1480			1680		
	open stroke	mm	150		235		250		270		290			350			380			435		
	distance between tie bars (W*H)	mm	240*190		240*240		290*270		315*300		360*320			370*370			410*410			460*460		
	max mould thickness	mm	220		270		300		320		380			380			450			520		
	min mould thickness	mm	80		80		100		150		150			150			160			180		
	ejector stroke	mm	40		60		65		80		80			120			120			135		
	ejector force	KN	13		17.5		20		27		31			38			50			50		
	ejector number	PC	1		1		1		1		5			5			5			5		
	dia of mould location hole	mm	55		80		100		100		125			125			125			125		
Others	max pump pressure	Mpa	14		14		16		16		16			16			16			16		
	pump motor power	KW	3		4		5.5		7.5		9			13			13			18.5		
	heating power	KW	2.5		3.2		3.9		5.1		6			7.3			9.3			12.3		
	machine dimension	m	2.75*0.86*1.35		2.9*1.0*1.4		3.2*1.1*1.6		3.6*1.2*1.65		4*1.27*1.75			4.3*1.28*1.9			4.5*1.35*1.9			5.13*1.45*2.12		
	machine weight	T	1		1.35		1.9		2.2		2.9			3.4			4			6		
	oil tank capacity	L	85		90		115		130		150			230			250			300		