

## a. Main technical parameter:

		A	B	C
Screw Diameter	mm	45	50	55
Calculated Injection Volume (Theory)	cm <sup>3</sup>	334	412	499
Injection Capacity (PS)	g	304	375	454
Injection speed rate	g/s	148	182	221
Plasticization Capacity	g/s	21.5	27	33
Injection Pressure	MPa	210	170	141
Injection Stroke	mm	210		
Screw Speed	r/min	0—180		
Heating Input Power	KW	18.65		
Clamping Force	KN	2000		
Space Between Tie-Bars (HXV)	mm	530×530		
Die-Height Available (Max.)	mm	550		
Die-Height Available (Min.)	mm	200		
Mold Opening Stroke	mm	490		
Open Daylight (Max.)	mm	1040		
Ejector Stroke	mm	140		
Ejector Force	KN	62		
Ejector Number	PC	9		
Pump Motor Power	KW	18.5		
Oil tank Capacity	l	350		
Machine Dimension (LXWXH)	m	5.9×1.43×2.16		
Total Machine Weight (approx.)	t	7.1		
Minimal Mold Dimension (LXW)	mm	370×370		
Die parallelism	Die height	≥180—250mm	μm	60
		>250—400mm	μm	80
		>400—500mm	μm	100

Designed/Date: Zhang Yu 2009-8-26

Checked/Date: Mei Quanlong 2009-8-26