



Parameter Classification	Parameter	Unit	MA7000Ⅲ/5000			
			A	B	C	D
INJECTION UNIT	Screw diameter	mm	80	90	100	110
	Screw L/D ratio	L/D	24.8	22	19.8	18
	Injection volume (theoretical)	cm³	2262	2863	3534	4276
	Injection weight (PS)	g	2058	2605	3216	3892
	Injection rate	g/s	492	623	769	930
	Injection rate (ESG))	g/s	541	685	845	1023
	Injection pressure	MPa	226	179	145	120
	Plasticizing rate (GPPS)	g/s	73.3	92	113	133
	Plasticizing rate (HDPE)	g/s	108	137	169	199
Screw speed	rpm	0-150				
CLAMPING UNIT	Clamping force	kN	7000			
	Mold opening stroke	mm	970			
	Dist. between tie bars (H×V)	mm	960×940			
	Mold height max.	mm	940			
	Mold height min.	mm	400			
	Ejector stroke	mm	260			
	Ejector tonnage	kN	186			
OTHERS	Pump motor power	kW	55+30			
	Heater power	kW	54.3			
	Machine dimension (L×W×H)	m	10.4×2.2×2.7			
	Machine weight	t	32			
	Hopper capacity	kg	100			
	Oil tank	l	880			
Description	Suitable Products: - Extra-large household plastic goods: oversized thick-wall storage containers, large-size furniture plastic components, big kitchen & bathroom housings and large household appliance parts - Automotive plastic parts: full-size vehicle interior trims, large exterior plastic panels, heavy-load brackets and large automotive functional accessories - Home appliance & electronic parts: ultra-large appliance shells, heavy-duty industrial equipment enclosures and large-scale electrical structural components - Packaging articles: big industrial plastic drums, bulk logistics containers, large turnover boxes and heavy-duty packaging fittings - General industrial plastic parts: super-large engineering plastic casings, heavy-duty mechanical structural components and large-sized industrial plastic housings					