



Parameter Classification	Parameter	Unit	MA8000Ⅲ/6800			
			A	B	C	D
INJECTION UNIT	Screw diameter	mm	90	100	110	120
	Screw L/D ratio	L/D	24.4	22	20	18.3
	Injection volume (theoretical)	cm³	2990	3691	4467	5316
	Injection weight (PS)	g	2721	3359	4065	4837
	Injection rate	g/s	573	707	855	1018
	Injection rate (ESG))	g/s	637	787	952	1133
	Injection pressure	MPa	219	178	147	123
	Plasticizing rate (GPPS)	g/s	89.5	110	130	152
	Plasticizing rate (HDPE)	g/s	132	162	193	224
	Screw speed	rpm	0-135			
CLAMPING UNIT	Clamping force	kN	8000			
	Mold opening stroke	mm	1040			
	Dist. between tie bars (H×V)	mm	1000×1000			
	Mold height max.	mm	1000			
	Mold height min.	mm	420			
	Ejector stroke	mm	280			
	Ejector tonnage	kN	186			
OTHERS	Pump motor power	kW	55+37			
	Heater power	kW	70.6			
	Machine dimension (L×W×H)	m	11.02×2.3×2.77			
	Machine weight	t	38			
	Hopper capacity	kg	100			
	Oil tank	l	1000			
Description	Suitable Products: - Super-large household plastic goods: oversized thick-wall storage tanks, full-size plastic furniture parts, giant kitchen & bathroom housings and large home-appearance structural components - Automotive plastic parts: full-vehicle large interior trims, big exterior body panels, heavy-load brackets and large automotive functional modules - Home appliance & electronic parts: giant washing machine / refrigerator shells, heavy-duty industrial equipment enclosures and large-size electrical structural housings - Packaging & logistics articles: heavy-duty plastic pallets, large industrial drums, bulk storage bins and extra-large logistics turnover containers - General industrial plastic parts: extra-large engineering plastic casings, heavy-duty mechanical structural components and large-scale heavy-industry plastic fittings					