



Parameter Classification	Parameter	Unit	MA6000Ⅲ/4500			
			A	B	C	D
INJECTION UNIT	Screw diameter	mm	80	85	90	100
	Screw L/D ratio	L/D	22	20.7	19.6	17.6
	Injection volume (theoretical)	cm³	2212	2497	2799	3456
	Injection weight (PS)	g	2013	2272	2547	3145
	Injection rate	g/s	470	530	595	735
	Injection rate (ESG))	g/s	522	589	660	815
	Injection pressure	MPa	197	175	156	126
	Plasticizing rate (GPPS)	g/s	66.9	74	84.2	102.8
	Plasticizing rate (HDPE)	g/s	97.2	108	122	150
	Screw speed	rpm	0-150			
CLAMPING UNIT	Clamping force	kN	6000			
	Mold opening stroke	mm	900			
	Dist. between tie bars (H×V)	mm	880×880			
	Mold height max.	mm	880			
	Mold height min.	mm	380			
	Ejector stroke	mm	240			
	Ejector tonnage	kN	158			
OTHERS	Pump motor power	kW	45+22			
	Heater power	kW	48			
	Machine dimension (L×W×H)	m	9.2×2.1×2.5			
	Machine weight	t	29			
	Hopper capacity	kg	100			
	Oil tank	l	800			
Description	Suitable Products: - Extra-large household plastic goods: oversized thick-wall storage containers, full-size furniture plastic parts, large kitchen & bathroom housings, large household appliance structural components - Automotive plastic parts: large vehicle interior trims, exterior plastic panels, thick-load brackets, automotive functional structural parts - Home appliance & electronic parts: ultra-large home appliance shells, heavy-duty industrial equipment enclosures, large electrical structural components - Packaging articles: large industrial plastic drums, bulk storage containers, heavy-duty packaging fittings, large logistics turnover boxes - General industrial plastic parts: super-large engineering plastic casings, heavy mechanical structural components, large-scale industrial plastic fittings					