



Parameter Classification	Parameter	Unit	MA900Ⅲ/280		
			A	B	C
INJECTION UNIT	Screw diameter	mm	32	36	40
	Screw L/D ratio	L/D	22.5	20	18
	Injection volume (theoretical)	cm ³	121	153	188
	Injection weight (PS)	g	110	139	172
	Injection rate	g/s	76	97	119
	Injection rate (ESG))	g/s	100	127	157
	Injection pressure	MPa	234	185	150
	Plasticizing rate (GPPS)	g/s	10.5	13.9	16.8
	Plasticizing rate (HDPE)	g/s	--	--	--
	Screw speed	rpm	0-240		
CLAMPING UNIT	Clamping force	kN	900		
	Mold opening stroke	mm	310		
	Dist. between tie bars (H×V)	mm	360×360		
	Mold height max.	mm	390		
	Mold height min.	mm	150		
	Ejector stroke	mm	100		
	Ejector tonnage	kN	33		
OTHERS	Pump motor power	kW	13		
	Heater power	kW	7.7		
	Machine dimension (L×W×H)	m	4.2×1.2×1.8		
	Machine weight	t	3.5		
	Hopper capacity	kg	25		
	Oil tank	l	135		
Description	Suitable Products: - Daily household plastics: bottle caps, cosmetic containers, kitchen & bathroom small accessories, storage parts - Electronic components: small appliance housings, switches, connector parts - Small auto plastic parts: interior trims, brackets, plastic fasteners - Packaging parts and general industrial plastic fittings				