



Parameter Classification	Parameter	Unit	MA1600WM/160-80					
			160			80		
			A	B	C	A	B	
INJECTION UNIT	Screw Diameter	mm	26	30	34	22	26	
	Screw L/D Ratio	L/D	24	21	19	20	20	
	Injection volume (theoretical)	cm ³	66	88	113	38	53	
	Injection Weight PS	g	60	80	103	35	48	
	Injection Rate	g/s	85	113	145	55	77	
	Plasticizing rate (GPPS)	g/s	7.3	10	13.4	3.6	6.4	
	Injection pressure	MPa	240	180	140	232	166	
	Screw Speed	rpm	0~300			0~300		
CLAMPING UNIT	Clamping Force	kN	1600					
	Mold Opening Stroke	mm	340					
	Tie Bar Spacing HxV	mm	700×420					
	Diameter of rotary platen	mm	Ø730					
	Max. mold install diameter	mm	Ø850					
	Bearing Capacity of Rotary Platen	t	0.7					
	Mold height max.	mm	460					
	Mold height min.	mm	150					
	Ejector Stroke	mm	120					
	Ejector Force	kN	33×2					
OTHERS	Nozzle center distance	mm	420					
	Distance between molds positing	mm	420					
	Pump Motor Power	kW	15+3					
	Heating Power	kW	6.9		4.9			6.8
	Machine Dimensions (L×W×H)	m	5.3×1.8×2.3					
	Machine Weight	t	8.1					
	Hopper Capacity	kg	25		25			
	Oil Tank	l	250					
Description	Suitable Products:							
	- Daily household plastics: small storage containers, two-color kitchenware, cosmetic caps and daily plastic decorative parts							
	- Electronic components: small appliance covers, lamp housings, connector and insulator parts							
	- Auto plastic parts: small automotive interior trims, soft-touch two-color buttons, sealing covers							
	- Packaging parts and multi-color plastic fittings, toy shells and consumer goods with hard-soft composite structure							