

Bakelite Injection Molding Machine

▶ Introduction:

- It has the advantages of vertical clamping, vertical injection, and convenient embedding.



▶ Characteristics:

- Suitable for thermoset Bakelite products injection molding (pressure cooker handle).
- Direct pressure type clamping mechanism, large clamping force, vertical double injection cylinder design, considerable injection pressure.
- High accuracy of injection position, compact machine structure, beautiful and elegant.
- ...



Bakelite Injection Molding Machine

► Specification:

	MODEL	UNIT	MHDM-45T		MHDM-60T		MHDM-85T	
INJECTION UNIT	Screw Diameter	mm	26	28	28	32	32	36
	Theoretical Injection Volume	cm ³	68.9	80	80	120	120	167
	Injection Weight	g/oz	82.4(2.9)	95.6(3.3)	82.4(2.9)	143(5)	143(5)	200(7)
	Max. Injection Pressure	Mpa(kgf/cm ²)	207(2111)	178(1815)	178(1815)	196(1999)	196(1999)	182(1862)
	Injection Rate	cm ³ /s	66	77	88	80	101	120
	Injection Speed	mm/s	126		144	100	126	107
	Screw Rotation Speed	rpm	0-240		0-240		0-300	
	Nozzle Out From Platens	mm	≥45		≥45		≥45	
CLAMPING UNIT	Clamping Force	KN(tf)	441(45)		588(60)		833(85)	
	Clamping Stroke	mm	200		200		250	
	Min. Mold Thickness	mm	150(200)		180(260)		230(330)	
	Max. Opening	mm	350(400)		380(460)		480(580)	
	Distance Between Tie Bars (H*V)	mm	410*250		460*310		510*360	
	Max. Mould Size (L*W)	mm	400*350		440*400		480*480	
	Ejector Distance	mm	40		40		50	
	Ejector Force	KN(tf)	26.5(2.7)		26.5(2.7)		45(4.6)	
OTHERS	System Pressure	Mpa(kgflcm ²)	13.7(140)		13.7(140)		13.7(140)	
	Oil Tank Capacity	L	200		230		310	
	Motor Power	KW(HP)	7.5(10)		11(15)		15(20)	
	Machine Dimensions	LxW×H(m)	1.7*1.4*2.8		1.8*1.7*3.1		2.0*1.5*3.1	
	Machine Weight	tf	2.1		2.6		3.3	