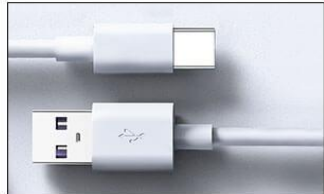


Standard Plastic Injection Molding Machine

▶ Introduction:

- It is suitable for meters, electronic parts, connectors, power cords, headphone cords, headphone plugs, headphone sockets, connectors, etc.



▶ Feature:

- Clamping force: 15T to 200T
- Injection weight: 35g to 90g
- Vertical four columns clamping, vertical injection.
- Suitable for insert injection molding process.
- We can upgrade to servo motor for customer' s needs.
- The actual energy save 50%~ 70%.



Standard Plastic Injection Molding Machine

► Specification:

MODEL		UNIT	MH-15T		MH-20T		MH-35T		
INJECTION UNIT	Screw Diameter	mm	Φ26	Φ28	Φ22	Φ28	Φ26	Φ28	Φ32
	Injection Pressure	Kgf/cm2	1715	1098	1416	875	1677	1446	1107
	Theoretical shot Volume	cm3	55	65	40	65	61	71	93
	Max. Shot Weight	g/oz	51.2/1.8	59.4/2	36.7/1.29	59.4/2	56.6/2	65.6/2.3	85.7/3
	Injection Rate	cmls	50	59	36	59	41	48	62
	Screw Stroke	mm	105		105		116		
	Screw Rotation Speed	rpm	0-215		0-138		0-148		
	Nozzle Contact Force	Tons	---		3.5		3.5		
	Nozzle Retraction Stroke	mm	---		120		150		
	Stages of temperature control		2		2		3		
CLAMPING UNIT	Clamping Force	Tons	15		20		35		
	Platen Size	mm	280*250		420*250		500*340		
	Distance between columns	mm	310		310*130		360*200		
	Min. mould thickness	mm	35		35/100		60/145		
	Opening Stroke	mm	198		198		215		
	Max. mould Opening Distance	mm	233		233/298		275/360		
	Ejector force	Tons	1.3		1.3		1.3		
	Ejector stroke	mm	35		35		35		
OTHERS	Max. Hydraulic Pressure	Kgf/cm2	140		140		140		
	Oil pump output	cc/rec	23		23		31		
	Cooling Water Consumption	L/h	400-600		400-600		500-700		
	Motor Power	Kw	2.2(3HP)		2.2(3HP)		4(5.5HP)		
	Barrel heating power	Kw	2		2		2.4		
	Total wattage	Kw	4.2		4.2		6.4		
	Machine Weight Net	Kg	650		800		1200		
	Machine Dimensions(LxWxH)	m	1.15*0.75*2.15		1.2*0.8*2.2		1.45*0.9*2.5		
	Shipping Weight Gross	Kg	650		850		1300		
Shipping dimensions (LxWxH)	m	1.4*1.0*2.3		1.5*1.0*2.3		1.6*1.1*2.2			

Standard Plastic Injection Molding Machine

► Specification:

MODEL		UNIT	MH-45T			MH-60T			MH-85T		
INJECTION UNIT	Screw Diameter	mm	Φ25	Φ28	Φ32	Φ28	Φ32	Φ36	Φ32	Φ36	Φ40
	Theoretical Injection Volume	cm ³	63.8	80	104	80	104	132	113	142	176
	Injection Weight(PS)	g(oz)	59.3(2.1)	74.4(2.6)	96.7(3.4)	74.4(2.6)	96.7(3.4)	122.9(4.3)	105(3.7)	132(4.6)	164(5.8)
	Max.Injection Pressure	Mpa(kgf/cm ²)	192(1960)	153(1563)	117(1195)	212(2170)	162(1661)	128(1312)	229(2331)	181(1842)	146(1492)
	Injection Rate	cm ³ /s	53		87	73	95	121	94	118	146
	Injection Speed	mm/s	110			118			116		
	Speed Promote	mm/s	220↑(horsepower↑)			164(45T)			220(45T)/165(60T)		
	Screw Speed Rotation	r.p.m	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		
	Clamping Stroke	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*330			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(kgf/cm ²)	13.7(140)			13.7(140)			13.7(140)		
	Oil Tank Capacity	L	200			230			310		
	Electric Power	KW(HP)	7.5(10)			11(15)			15(20)		
	Machine Dimensions(L*W*H)	M	1.7*1.3*2.7			1.8*1.4*3			2.0*1.5*3.4		
	Machine Weight	tf	2.1			2.6			3.3		

Standard Plastic Injection Molding Machine

► Specification:

MODEL		UNIT	MH-120T			MH-160T			MH-200T		
INJECTION UNIT	Screw Diameter	mm	Φ36	Φ40	Φ45	Φ45	Φ50	Φ55	Φ55	Φ60	Φ65
	Theoretical Injection Volume	cm ³	162	201	254	318	393	475	570	678	796
	Injection Weight(PS)	g(oz)	151(5.3)	187(6.6)	236(8.3)	296(10.4)	365(12.8)	442(15.6)	530(18.6)	630(22.2)	740(26.1)
	Max.Injection Pressure	Mpa(kgf/cm ²)	222(2268)	180(1838)	142(1452)	218(2226) 177(1803)		146(1490)	235(2406)	198(2022)	168(1722)
	Injection Rate	cm ³ /s	124	154	195	178	220	266	214	254	298
	Injection Speed	mm/s	123			112			90		
	Speed Promote	mm/s	295(45T)/217(60T)/153(85T)			290(60T)/200(85T)/168(160T)			225(120T)/148(160T)		
	Screw Speed Rotation	r.p.m	0~300			0~300			0~180		
	Nozzle Out From Platens	mm	≥ 45			≥ 45			≥ 45		
CLAMPING UNIT	Clamping Force	KN(tf)	1176(120)			1568(160)			1960(200)		
	Clamping Stroke	mm	280			300			350		
	Clamping Stroke	mm	280(380)			300(400)			350(450)		
	Max.Opening	mm	560(660)			600(700)			700(800)		
	Distance Between Tie Bars (H*V)	mm	660*380			740*420			910*450		
	Max.Mould Size (L*W)	mm	640*580			710*710			890*770		
	Ejector Distance	mm	95			120			150		
	Ejector Force	KN(tf)	45(4.6)			45(4.6)			45(4.6)		
OTHERS	System Pressure	Mpa(kgf/cm ²)	13.7(140)			13.7(140)			13.7(140)		
	Oil Tank Capacity	L	410			850			920		
	Electric Power	KW(HP)	18.5(25)			18.5(25)			22(30)		
	Machine Dimensions(L*W*H)	M	2.1*1.8*4			2.7*2.0*4.2			2.9*2.1*4.4		
	Machine Weight	tf	6			8.1			12.5		