

# Precimould

## VERTICAL TYPE INJECTION MOULDING MACHINE

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# MPT Series



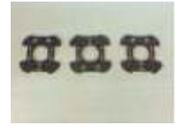
## MPT : Standard Series

Clamping force	15ton to 250ton
Injection weight	34g to 900g
Vertical clamping, Vertical injection	
Suitable for insert moulding of metal to plastic and plastic to plastic.	



## MPT-S : Standard Single Slide Series

Clamping force	15ton to 250ton
Injection weight	34g to 900g
Vertical clamping, Vertical injection	
Suitable for insert moulding of metal to plastic and plastic to plastic.	
Design of single slide enhances the flexibility and safety of machine and facilitates automation.	



## Vertical Injection & Vertical Clamping Standard Machine

Item	Specification	Unit	MPT-150		MPT-300			MPT-450			MPT-550			MPT-850		
Injection System	Screw Diameter	mm	22	25	25	28	32	28	32	36	32	36	40	36	40	45
	Injection Pressure	kgf/cm <sup>2</sup>	1715	1098	1434	1143	875	2170	1661	1312	2180	1722	1395	2176	1763	1393
	Injection Volume(Theoretical)	cm <sup>3</sup>	38	49	49.1	61.6	80.1	73	96	122	112	142	176	163	201	254
	Injection Weight	g	34	44	45	57	73	66	87	109	100	127	158	147	181	229
		oz	1.2	1.6	1.6	2	2.6	2.3	3	3.8	3.5	4.5	5.6	5.2	6.4	8.1
	Injection Rate	cm <sup>3</sup> /sec	20	30	58	73	95	41	53	68	51	64	80	86	106	134
	Screw Stroke	mm	100		100			120			140			160		
Temperature Section	-	3		3+1			3+1			3+1			3+1			
Hopper Capacity	Liter	15		20			30			30			30			
Clamping System	Clamping Force	ton	15		30			45			55			85		
	Platen Size	mm	390*250		520*370			580*430			720*560			880*640		
	Space between Tie Bars	mm	275*135		360*205			405*255			505*340			565*320		
	Min. Mould Height	mm	80/140		100/140/160/200			150/190/210/250			200/240/260/300			200/240/260/300		
	Opening Stroke	mm	180		180			200			200			250		
	Max. Open Daylight	mm	260/320		280/320/340/380			350/390/410/450			400/440/460/500			450/490/510/550		
	Ejector Force	ton	1.7		1.7			1.7			2.7			4		
Ejector Stroke	mm	55		55			55			55			75			
Others	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140		140			140			140			140		
	Tank Volume	Liter	80		100			120			175			230		
	Pump Motor Power	kw	4(4)		5.5 (4)			5.5			7.5			15(4)		
	Heater Power	kw	2		4.0			4.75			5.5			6.0		
	Total Power	kw	6		9.5			10.25			13.0			21		
	Machine Weight	ton	0.75		0.9			1.1			1.5			3.0		
Machine Dimension	m	1.8*0.9*2.4		1.65*1.1*2.75			1.7*1.15*3			1.8*1.15*3.35			1.95*1.25*3.5			

### Additional Features : Single slide

Item	Specification	Unit	MPT-150S	MPT-300S	MPT-450S	MPT-550S	MPT-850S
Sliding	Sliding Stroke	mm	260	350	420	500	500
	Slide Position Repeatable	mm	±0.02	±0.02	±0.02	±0.02	±0.02
	Single Sliding platen Size	mm	260*235	350*350	420*395	500*495	500*550
	Machine Dimension	m	1.8*0.9*2.4	1.65*1.1*2.75	1.7*1.15*3	1.8*1.15*3.35	1.95*1.25*3.5

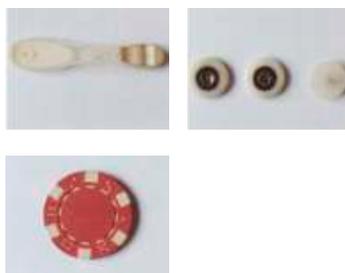
### Additional Features : Double slide

Item	Specification	Unit	MPT-150DS	MPT-300DS	MPT-450DS	MPT-550DS	MPT-850DS
Sliding	Sliding Stroke	mm	260	350	420	500	500
	Slide Position Repeatable	mm	±0.02	±0.02	±0.02	±0.02	±0.02
	Double Sliding platen Size	mm <sup>2</sup>	610*235	700*350	840*395	1000*495	1000*550
	Machine Dimension	m	1.8*0.9*2.4	1.65*1.1*2.75	1.7*1.15*3	1.8*1.15*3.35	1.95*1.25*3.5

## MPT-DS : Standard Double Slide Series



Clamping force	15ton to 250ton
Injection weight	34g to 900g
Vertical clamping, Vertical injection	
Suitable for insert moulding of metal to plastic and plastic to plastic.	
Design of double slide enhances the flexibility and safety of machine and facilitates automation.	



### Common Features : Stationery | Single slide | Double slide

Item	Specification	Unit	MPT-1200			MPT-1500			MPT-2000			MPT-2500		
			40	45	50	45	50	55	55	60	65	60	65	70
Injection System	Screw Diameter	mm	40	45	50	45	50	55	55	60	65	60	65	70
	Injection Pressure	kgf/cm <sup>2</sup>	2296	1810	1470	2063	1671	1381	1943	1633	1390	2012	1714	1478
	Injection Volume(Theoretical)	cm <sup>3</sup>	226	286	353	318	392	475	570	678	796	735	862	1000
	Injection Weight	g	203	257	317	286	352	427	513	610	716	661	775	900
		oz	7.1	9.1	11.1	10.1	12.4	15.1	18.1	21.5	25.3	23.3	27.4	31.7
	Injection Rate	cm <sup>3</sup> /sec	115	146	180	145	179	217	235	279	328	215	253	293
	Screw Stroke	mm	180			200			240			260		
Temperature Section	-	4+1			4+1			5+1			5+1			
Hopper Capacity	Liter	30			30			30			30			
Clamping System	Clamping Force	ton	120			150			200			250		
	Platen Size	mm	965*765			1070*860			1230*935			1330*1060		
	Space between Tie Bars	mm	635*410			720*505			810*510			910*640		
	Min. Mould Height	mm	250			300			300			350		
	Opening Stroke	mm	300			300			350			400		
	Max. Open Daylight	mm	550			600			650			750		
	Ejector Force	ton	4			4			4			4		
Others	Ejector Stroke	mm	115			115			135			135		
	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140			140			160			160		
	Tank Volume	Liter	280			280			350			350		
	Pump Motor Power	kw	18.5(4)			18.5(4)			22(4)			30(4)		
	Heater Power	kw	8.0			9.0			12.5			18.5		
	Total Power	kw	26.5			27.5			34.5			48.5		
	Machine Weight	ton	6.5			7.2			9.2			10.8		
Machine Dimension	m	2.0*1.3*4.0			2.3*1.3*4.6			2.6*1.45*5.0			2.8*1.53*5.5			

#### Additional Features : Single slide

Item	Specification	Unit	MPT-1200S	MPT-1500S	MPT-2000S	MPT-2500S
			Sliding Stroke	mm	625	720
Slide Position Repeatable	mm	±0.02	±0.02	±0.02	±0.02	
Single Sliding platen Size	mm	625*630	720*715	800*800	920*900	
Machine Dimension	m	2.0*1.3*4.0	2.3*1.3*4.6	2.6*1.45*5.0	2.8*1.53*5.5	

#### Additional Features : Double slide

Item	Specification	Unit	MPT-1200DS	MPT-1500DS	MPT-2000DS	MPT-2500DS
			Sliding Stroke	mm	625	720
Slide Position Repeatable	mm	±0.02	±0.02	±0.02	±0.02	
Double Sliding platen Size	mm <sup>2</sup>	1250*630	1440*710	1600*800	1840*900	
Machine Dimension	m	2.0*1.3*4.0	2.3*1.3*4.6	2.6*1.45*5.0	2.8*1.53*5.5	

## Rotary Table Machine with Vertical Injection & Vertical Clamping R- Single Station | 2R Double Station

### MPR : ROTARY SERIES

Clamping force	15ton to150ton
Injection weight	34g to 427g
Vertical clamping, Vertical injection	
Suitable for insert moulding of metal to plastic and plastic to plastic.	
Single or double station design enhances production efficiency and facilitates automation.	

Note: Extra Dia Table Available With Extra Cost



Item	Specification	Unit	MPR-200		MPR-300			MPR-450/2RS		
Injection System	Screw Diameter	mm	22	25	25	28	32	28	32	36
	Injection Pressure	kgf/cm <sup>2</sup>	1715	1098	1434	1143	875	2170	1661	1312
	Injection Volume(Theoretical)	cm <sup>3</sup>	38	49	49.1	61.6	80.1	73	96	122
	Injection Weight	g	34	44	45	57	73	66	87	109
		oz	1.2	1.6	1.6	2	2.6	2.3	3	3
	Injection Rate	cm <sup>3</sup> /sec	20	30	75	93	122	41	53	68
	Screw Stroke	mm	100		100			120		
	Temperature Section	-	3		3+1			3+1		
Hopper Capacity	Liter	15		20			30			
Clamping System	Clamping Force	ton	15		30			45		
	Rotary Table Size	mm	Φ580		Φ680			Φ740		
	Slide Position Repeatable	mm	±0.02		±0.02			±0.02		
	Min. Mold Height	mm	80/140		100/140/160/200			150/190/210/250		
	Opening Stroke	mm	180		180			200		
	Max. Open Daylight	mm	260/320		280/320/340/380			350/390/410/450		
	Ejector Force	ton	1.7		1.7			1.7		
Others	Ejector Stroke	mm	55		75			75		
	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140		140			140		
	Tank Volume	Liter	120		175			200		
	Pump Motor Power	kw	5.5(4)		7.5(4)			7.5		
	Heater Power	kw	2		4.0			4.75		
	Total Power	kw	7.5		11.5			12.25		
	Machine Weight	ton	1.7		2.5			3		
Machine Dimension	m	1.8*0.9*2.4		1.5*1.0*2.4			1.7*1.1*2.6			

Item	Specification	Unit	MPR-550			MPR-850			MPR-1200			MPR-1500		
Injection System	Screw Diameter	mm	32	36	40	36	40	45	40	45	50	45	50	55
	Injection Pressure	kgf/cm <sup>2</sup>	2180	1722	1395	2176	1763	1393	2296	1810	1470	2063	1671	1381
	Injection Volume(Theoretical)	cm <sup>3</sup>	112	142	176	163	201	254	226	286	353	318	392	475
	Injection Weight	g	100	127	158	147	181	229	203	257	317	286	352	427
		oz	3.5	4.5	5.6	5.2	6.4	8.1	7.1	9.1	11.1	10.1	12.4	15.1
	Injection Rate	cm <sup>3</sup> /sec	51	64	80	86	106	134	115	146	180	145	179	217
	Screw Stroke	mm	140			160			180			200		
	Temperature Section	-	3+1			3+1			4+1			4+1		
Hopper Capacity	Liter	30			30			30			30			
Clamping System	Clamping Force	ton	55			85			120			150		
	Rotary Table Size	mm	Φ880			Φ1000			Φ1200			Φ1400		
	Slide Position Repeatable	mm	±0.02			±0.02			±0.02			±0.02		
	Min. Mold Height	mm	200/240/260/300			200/240/260/300			250			300		
	Opening Stroke	mm	200			250			300			300		
	Max. Open Daylight	mm	400/440/460/500			450/490/510/550			550			600		
	Ejector Force	ton	2.2			2.2			2.2			3.3		
Others	Ejector Stroke	mm	115			115			115			145		
	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140			140			140			140		
	Tank Volume	Liter	250			300			350			350		
	Pump Motor Power	kw	15(4)			18.5(4)			18.5(4)			18.5(4)		
	Heater Power	kw	5.5			6.0			8.0			9.0		
	Total Power	kw	16.5			24.5			26.5			27.5		
	Machine Weight	ton	3.4			4.2			7			8.7		
Machine Dimension	m	1.8*1.2*2.7			1.95*1.4*3.2			2.0*1.3*4.0			2.5*1.8*4.3			

# MPC Series

## C Frame Series with Vertical Clamping & Horizontal Injection

Stationery | R : Single Rotary Station | 2R : Double Rotary Station | DS : Double Slide



### MPC C FRAME SERIES

Clamping force	45ton to 85ton
Injection weight	134g to 333g
Vertical clamping, Horizontal injection	
Design of without-column and large mould height facilitates to insert long parts.	



Item	Specification	Unit	MPC-450			MPC-850		
			36	40	45	40	45	50
Injection System	Screw Diameter	mm	36	40	45	40	45	50
	Injection Pressure	kgf/cm <sup>2</sup>	1851	1500	1185	2040	1611	1305
	Injection Volume(Theoretical)	cm <sup>3</sup>	142	176	222	226	286	353
		g	134	166	210	213	270	333
	Injection Weight	oz	4.7	5.8	7.4	7.5	9.5	11.7
		cm <sup>3</sup> /sec	64	80	101	81.5	103	127.3
	Screw Stroke	mm	140			180		
	Temperature Section	-	3+1			4+1		
Hopper Capacity	Liter	25			25			
Clamping System	Clamping Force	ton	45			85		
	Upper Platen Size	mm	530*270			560*330		
	Bottom Platen Size	mm	530*270			560*330		
	Min. Mold Height	mm	175			210		
	Opening Stroke	mm	200			250		
	Max. Open Daylight	mm	375			460		
	Ejector Force	ton	1.3			2.2		
Sliding System	Ejector Stroke	mm	75			115		
	Sliding Stroke	mm	-			-		
	Slide Position Repeatable	mm	-			-		
	Double slide platen size/Rotary table size	mm	-			-		
Others	Max. Hydraulic Pressure	kgf <sup>2</sup> /cm	160			160		
	Tank volume	Liter	175			300		
	Pump Motor Power	kw	7.5			11		
	Heater Power	kw	4.75			7.5		
	Total Power	kw	12.25			18.5		
	Machine Weight	ton	3.5			5.8		
	Machine Dimension	m	2.2*0.9*2.1			3.2*1.1*2.5		

Item	Specification	Unit	MPC-450R/2R			MPC-850R/2R			MPC-450DS			MPC-850DS		
			36	40	45	40	45	50	36	40	45	40	45	50
Injection System	Screw Diameter	mm	36	40	45	40	45	50	36	40	45	40	45	50
	Injection Pressure	kgf/cm <sup>2</sup>	1851	1500	1185	2040	1611	1305	1851	1500	1185	2040	1611	1305
	Injection Volume(Theoretical)	cm <sup>3</sup>	142	176	222	226	286	353	142	176	222	226	286	353
		g	134	166	210	213	270	333	134	166	210	213	270	333
	Injection Weight	oz	4.7	5.8	7.4	7.5	9.5	11.7	4.7	5.8	7.4	7.5	9.5	11.7
		cm <sup>3</sup> /sec	64	80	101	81.5	103	127.3	64	80	101	81.5	103	127.3
	Screw Stroke	mm	140			180			140			180		
	Temperature Section	-	3+1			4+1			3+1			4+1		
Hopper Capacity	Liter	25			25			25			25			
Clamping System	Clamping Force	ton	45			85			45			85		
	Upper Platen Size	mm	480*270			560*330			480*270			560*330		
	Bottom Platen Size	mm	-			-			-			-		
	Min. Mold Height	mm	175			210			175			210		
	Opening Stroke	mm	200			250			200			250		
	Max. Open Daylight	mm	375			460			375			460		
	Ejector Force	ton	1.3			2.2			1.3			2.2		
Sliding System	Ejector Stroke	mm	75			115			75			115		
	Sliding Stroke	mm	-			-			480			560		
	Slide Position Repeatable	mm	±0.02			±0.02			±0.02			±0.02		
	Double slide platen size/Rotary table size	mm	Φ 780			Φ 880			270*960			330*1120		
Others	Max. Hydraulic Pressure	kgf <sup>2</sup> /cm	140			140			160			160		
	Tank volume	Liter	280			300			280			300		
	Pump Motor Power	kw	11			15			7.5			11		
	Heater Power	kw	4.75			7.5			4.75			7.5		
	Total Power	kw	15.75			22.5			12.25			18.5		
	Machine Weight	ton	4.1			6.4			3.8			6.2		
	Machine Dimension	m	2.6*0.9*2.1			3.7*1.1*2.5			2.2*1.0*2.1			3.2*1.2*2.5		

Note : Injection Unit Height Can Adjust 100mm

# PVH Series

## Pillar Type with Vertical Clamping & Horizontal Injection



### PVH- PILLER TYPE SERIES

Clamping force	85ton - 165ton
Injection weight	128g - 470g
Vertical clamping, Horizontal injection	
Up-down injection system enhances universality of mould.	

Item	Specification	Unit	PVH-850			PVH-850 S/DS			PVH-850 R/2R			PVH-1200		
Injection System	Screw Diameter	mm	36	40	45	36	40	45	36	40	45	40	45	50
	Injection Pressure	kgf/cm <sup>2</sup>	1960	1588	1254	1960	1588	1254	1960	1588	1254	1973	1559	1262
	Injection Volume(Theoretical)	cm <sup>3</sup>	142	176	222	142	176	222	142	176	222	226	286	353
	Injection Weight	g	128	158	200	128	158	200	128	158	200	203	257	318
		oz	4.1	5.1	6.4	4.1	5.1	6.4	4.1	5.1	6.4	6.5	8.3	10.2
	Injection Rate	cm <sup>3</sup> /sec	86	106	134	86	106	134	86	106	134	115	146	180
	Screw Stroke	mm	140			140			140			180		
	Temperature Section	-	4+1			4+1			4+1			4+1		
Hopper Capacity	Liter	30			25			25			25			
Clamping System	Clamping Force	ton	85			85			85			120		
	Space between Tie Bars	mm	565*320			565*320			-			635*410		
	Min. Mould Height	mm	250			250			250			250		
	Opening Stroke	mm	300			300			300			350		
	Max. Open Daylight	mm	550			550			550			600		
	Ejector Force	ton	2.2			2.2			2.2			2.2		
	Ejector Stroke	mm	75			115			115			75		
Rotary Table Diameter	mm	-			-			Φ 1000			-			
Sliding System	Sliding Strok	mm	-			500			-			-		
	Slide Position Repeatable	mm	-			±0.02			±0.02			-		
	Single Slide platen Size	mm	-			560*500			-			-		
	Double Slide platen Size	mm	-			560*1000			-			-		
Others	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140			140			140			140		
	Tank volume	Liter	300			350			350			350		
	Pump Motor Power	kw	15(4)			15(4)			18.5			18.5(4)		
	Heater Power	kw	6.0			6.0			6.0			8		
	Total Power	kw	21			21			24.5			26.5		
	Machine Weight	ton	3.5			3.8			4.2			6.5		
	Machine Dimension	m	3.1*1.25*2.9			3.1*1.25*3.0			3.4*1.25*3.0			3.7*1.3*3.0		

Item	Specification	Unit	PVH-1200 S/DS			PVH-1200 R/2R			PVH-1500			PVH-1500 S/DS			PVH-1500 R/2R		
Injection System	Screw Diameter	mm	40	45	50	40	45	50	45	50	55	45	50	55	45	50	55
	Injection Pressure	kgf/cm <sup>2</sup>	1973	1559	1262	1973	1559	1262	2129	1724	1425	2129	1724	1425	2129	1724	1425
	Injection Volume(Theoretical)	cm <sup>3</sup>	226	286	353	226	286	353	349	432	522	349	432	522	349	432	522
	Injection Weight	g	203	257	318	203	257	318	314	388	470	314	388	470	314	388	470
		oz	6.5	8.3	10.2	6.5	8.3	10.2	10.1	12.5	15.1	10.1	12.5	15.1	10.1	12.5	15.1
	Injection Rate	cm <sup>3</sup> /sec	115	146	180	115	146	180	145	179	217	145	179	217	145	179	217
	Screw Stroke	mm	180			180			220			220			220		
	Temperature Section	-	4+1			4+1			4+1			4+1			4+1		
Hopper Capacity	Liter	25			25			25			25			25			
Clamping System	Clamping Force	ton	120			120			165			165			165		
	Space between Tie Bars	mm	635*410			-			720*505			720*505			-		
	Min. Mould Height	mm	250			250			250			250			250		
	Opening Stroke	mm	350			350			350			350			350		
	Max. Open Daylight	mm	600			600			600			600			600		
	Ejector Force	ton	2.2			2.2			3.3			3.3			3.3		
	Ejector Stroke	mm	115			115			75			145			145		
Rotary Table Diameter	mm	-			Φ 1200			-			-			Φ 1400			
Sliding System	Sliding Strok	mm	625			-			-			710			-		
	Slide Position Repeatable	mm	±0.02			±0.02			-			±0.02			±0.02		
	Single Slide platen Size	mm	630*625			-			-			715*710			-		
	Double Slide platen Size	mm	630*1250			-			-			140			-		
Others	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140			140			140			140			140		
	Tank volume	Liter	350			350			350			350			350		
	Pump Motor Power	kw	18.5(4)			22			18.5			18.5			22		
	Heater Power	kw	8			8			9			9			9		
	Total Power	kw	26.5			30			27.5			27.5			31		
	Machine Weight	ton	6.5			6.5			7.2			7.2			7.2		
	Machine Dimension	m	3.7*1.5*3.1			4.0*1.5*3.1			4.5*1.3*3.2			4.5*2.0*3.3			4.8*2.0*3.3		

# MTS & MBC Series

Thermosetting and Bulk Compound with Vertical Injection & Vertical Clamping

Stationery | R : Single Rotary Station | 2R : Double Rotary Station | DS : Double Slide



## MTS SERIES MBC SERIES

Clamping force	45ton - 120ton
Injection weight	114g - 847g
Vertical Clamping & Vertical Injection or Vertical Clamping & Horizontal Injection	
For TS material, oil-circuit heating is optimized. For BC material, cooling circuit is optimized.	

Item	Specification	Unit	MTS-450	MTS-550	MTS-850
Injection System	Screw Diameter	mm	35	42	48
	Injection Pressure	kgf/cm <sup>2</sup>	1388	1265	1224
	Injection Volume(Theoretical)	cm <sup>3</sup>	115	193	289
	Injection Weight	g	114	192	286
	Injection Rate	cm <sup>3</sup> /sec	93	148	210
	Screw Stroke	mm	120	140	160
	Temperature Section	-	4	4	4
	Hopper Capacity	Liter	30	30	30
Clamping System		kg	-	-	-
	Clamping Force	ton	45	55	85
	Platen Size	mm	580*430	720*560	880*640
	Space Between Tie Bars	mm	405*255	505*340	565*320
	Min. Mold Height	mm	150/190/210/250	200/240/260/300	200/240/260/300
	Opening Stroke	mm	200	200	250
	Max. Open Daylight	mm	350/390/410/450	400/440/460/500	450/490/510/550
	Ejector Force	ton	1.7	2.7	4
Others	Ejector Stroke	mm	40	40	75
	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140	140	140
	Tank Volume	Liter	175	250	300
	Pump Motor Power	kw	7.5(4)	11(4)	15(4)
	Heater Power	kw	-	-	-
	Total Power	kw	7.5(4)	11(4)	15(4)
	Machine Weight	ton	2.1	2.8	3.8
	Machine Dimension	m	1.7*0.9*2.5	1.8*1.1*2.6	1.95*1.25*3.1

Note : Two Colour / Two Different Material with Barrel Injection Molding Machine available as per Customer Requirement

Item	Specification	Unit	MBC-450	MBC-550	MBC-850	MBC-550P	MBC-850P	MBC-1200P
Injection System	Screw Diameter	mm	35	42	48	32/50	36/60	40/70
	Injection Pressure	kgf/cm <sup>2</sup>	1388	1265	1224	1270	1291	1257
	Injection Volume(Theoretical)	cm <sup>3</sup>	115	193	289	275	452	770
	Injection Weight	g	114	192	286	302	498	847
	Injection Rate	cm <sup>3</sup> /sec	93	148	210	51	86	115
	Screw Stroke	mm	120	140	160	140	160	200
	Temperature Section	-	4	4	4	4	4	4
	Hopper Capacity	Liter	-	-	-	-	-	-
Clamping System		kg	12	15	20	30	30	30
	Clamping Force	ton	45	55	85	55	85	120
	Platen Size	mm	580*430	720*560	880*640	720*560	880*640	965*765
	Space Between Tie Bars	mm	405*255	505*340	565*320	505*340	565*320	635*410
	Min. Mold Height	mm	150/190/210/250	200/240/260/300	200/240/260/300	200/240/260/300	250	250
	Opening Stroke	mm	200	200	250	200	300	300
	Max. Open Daylight	mm	350/390/410/450	400/440/460/500	450/490/510/550	400/440/460/500	550	550
	Ejector Force	ton	1.7	2.7	4	2.7	4	4
Others	Ejector Stroke	mm	40	40	75	40	75	115
	Max.hydraulic pressure	kgf/cm <sup>2</sup>	140	140	140	140	140	140
	Tank Volume	Liter	175	250	300	250	300	350
	Pump Motor Power	kw	11(4)	15(4)	18.5(4)	15(4)	30(4)	30(4)
	Heater Power	kw	-	-	-	-	-	-
	Total Power	kw	11(4)	15(4)	18.5(4)	15(4)	30(4)	30(4)
	Machine Weight	ton	1.5	2.1	3	-	-	-
	Machine Dimension	m	1.9*0.9*2.5	2.3*1.1*2.6	2.7*1.25*3.1	3.1*1.25*2.5	3.1*1.25*3.0	3.7*1.3*3.0

## AUXILIARY EQUIPMENTS



### Raw Material Pre-heating Data Sheet

1	Nylon - 6	60 - 80 Degree C	3 Hours
2	Nylon - 66	100 - 120 Degree C	3 Hours
3	Nylon - 6 (Glass Filled 30%)	100 - 120 Degree C	3 Hours
4	Poly Carbonate (Clear)	100 - 120 Degree C	3 Hours
5	Poly Carbonate (Black)	100 - 120 Degree C	3 Hours
6	P.P.C.P. - 30%	60 - 80 Degree C	1 Hours
7	Acrylic (Clear)	60 - 80 Degree C	2 Hours
8	P.B.T.	60 - 80 Degree C	2 Hours
9	P.B.T. (Glass Filled)	100 - 120 Degree C	3 Hours
10	Delrin	80 - 100 Degree C	4 Hours
11	ABS	60 - 80 Degree C	3 Hours

### Density of plastic material(g/cm<sup>3</sup>)

	(g/cm <sup>3</sup> )		(g/cm <sup>3</sup> )
GPPS(PS)	1.04-1.09	PPS	1.28-1.32
ABS	1.01-1.08	HIPS	1.14-1.20
AS(SAN)	1.06-1.10	LDPE	0.89-0.93
PP	0.85-0.92	HDPE	0.94-0.98
PPVC	1.19-1.35	PA-6	1.12-1.15
UPVC	1.38-1.41	PA-66	1.13-1.16
PMMA	1.16-1.20	POM	1.41-1.43
PC	1.20-1.22	CA	1.25-1.35
PET	1.29-1.41	PPO-M	1.04-1.10
PBT	1.30-1.38		



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