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Automation Series PRV-T-H High Speed Injection Molding Machine

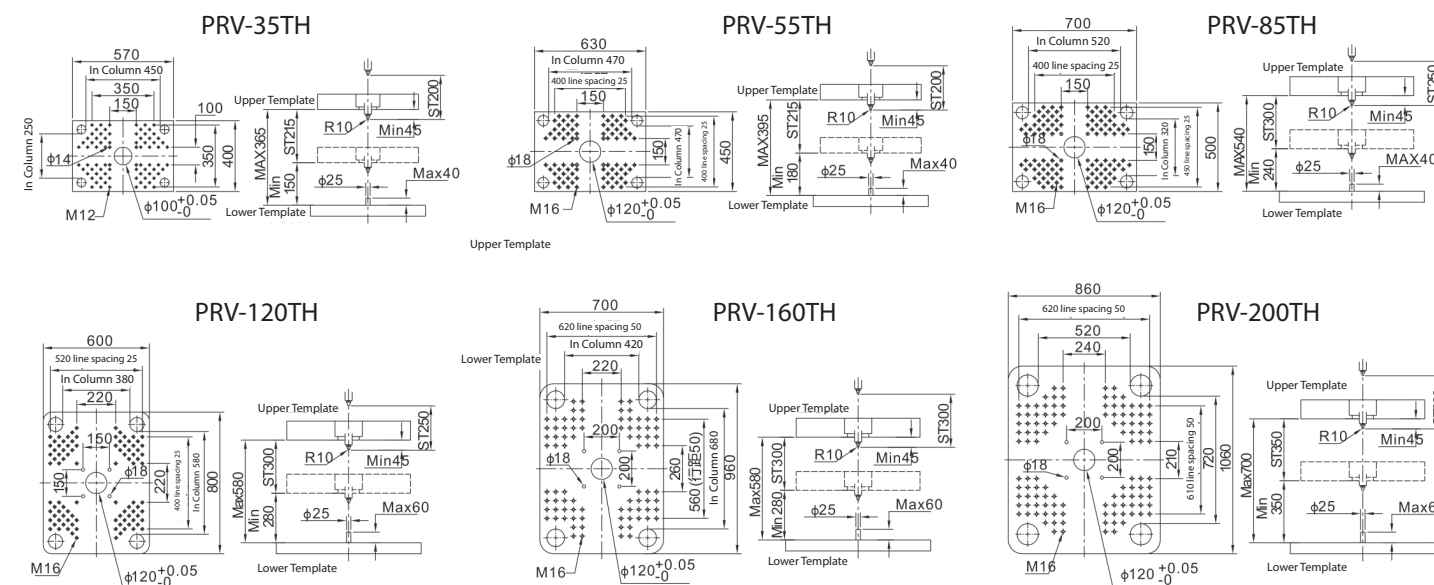
Models :

PRV-35TH PRV-55TH, PRV-85-TH, PRV-120-TH



Features:

- High speed plastic injection with high pressure
- Maximum injection speed can reach 350mm/sec
- Short production cycle, precision moulding
- Very stable for Thin wall moulding
- HMI will demonstrate breakdown area, convenient trouble shooting
- All parts including Pressure valves, Hydraulics, Electrical controls are best quality used with fast response time and precise working



INJECTION UNIT	UNIT	PRV-35TH				PRV-55TH				PRV-85-TH				PRV-120-TH			
Screw Diameter	mm	20	22	25	20	22	25	20	22	25	20	22	25	20	22	25	
theoretical injection volume	cm ³	30	36	47	30	36	47	30	36	47	30	36	47	30	36	47	
Injection Weight	gr	28	35	45	28	35	45	28	35	45	28	35	45	28	35	45	
	oz	1	1.2	1.6	1	1.2	1.6	1	1.2	1.6	1	1.2	1.6	1	1.2	1.6	
Max Injection Pressure	Mpa(kgf/cm ³)	2835	2343	1815	2835	2343	1815	2835	2343	1815	2835	2343	1815	2835	2343	1815	
Injection Rate	cc/s	250	250	250	320	320	320	425	425	425	425	425	425	425	425	425	
Injection Speed	mm/s	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	
Screw Speed Rotation	mm	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	
Clamping Force	tf	343(35)	343(35)	343(35)	539(55)	539(55)	539(55)	833(85)	833(85)	833(85)	1176(120)	1176(120)	1176(120)	1176(120)	1176(120)	1176(120)	
Clamping Stroke	mm	215	215	215	215	215	215	250	250	250	300	300	300	300	300	300	
Min Mould Thickness	mm	150(210)	150(210)	150(210)	180(240)	180(240)	180(240)	240(320)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	280(380)	280(380)	
Max. Opening	mm	365(425)	365(425)	365(425)	395(475)	395(475)	395(475)	480(560)	480(560)	480(560)	580(680)	580(680)	580(680)	580(680)	580(680)	580(680)	
Distance Between Tie Bars	mm	420X250	420X250	420X250	470X290	470X290	470X290	520X320	520X320	520X320	580X380	580X380	580X380	580X380	580X380	580X380	
Max Mold Size	mm	400X350	400X350	400X350	450X400	450X400	450X400	500X450	500X450	500X450	550X500	550X500	550X500	550X500	550X500	550X500	
Platen Size	mm	570X400	570X400	570X400	630X450	630X450	630X450	700X500	700X500	700X500	800X600	800X600	800X600	800X600	800X600	800X600	
Ejector Distance	mm	40	40	40	40	40	40	40	40	40	60	60	60	60	60	60	
Ejector Force		17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	27.5(2.75)	
System Pressure	Mpa(kgf/cm ³)	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	
Oil Tank Capacity	l	160	160	160	200	200	200	280	280	280	330	330	330	330	330	330	
Electric Power	kw	11(15)	11(15)	11(15)	15(20)	15(20)	15(20)	18.7(25)	18.7(25)	18.7(25)	22(30)	22(30)	22(30)	22(30)	22(30)	22(30)	
Heater Power	kw	3.6	3.6	3.6	5.5	5.5	5.5	6.4	6.4	6.4	10.7	10.7	10.7	10.7	10.7	10.7	
Dimension of Machine(LXMWXH)	m	1.6X1.2X2.4	1.6X1.2X2.4	1.6X1.2X2.4	1.7X1.3X2.6	1.7X1.3X2.6	1.7X1.3X2.6	2.0X1.5X2.9	2.0X1.5X2.9	2.0X1.5X2.9	2.2X1.7X3.2	2.2X1.7X3.2	2.2X1.7X3.2	2.2X1.7X3.2	2.2X1.7X3.2	2.2X1.7X3.2	
Weight of Machine	t	1.8	1.8	1.8	2.5	2.5	2.5	4.3	4.3	4.3	5.6	5.6	5.6	5.6	5.6	5.6	



PRV-T-C Standard Machine Series

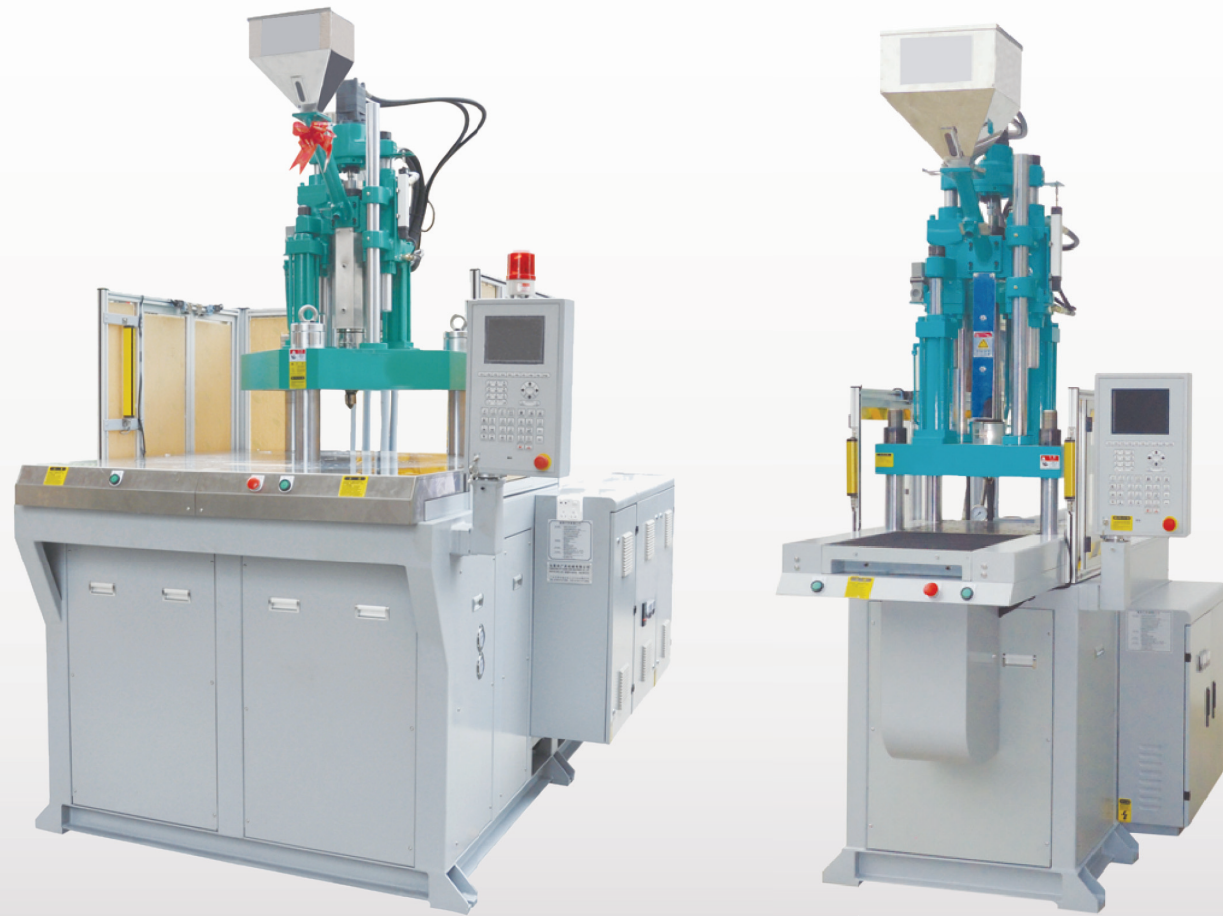
Models :
PRV-35TC, PRV-55TC, PRV-85-TC, PRV-120-TC



Features::

- Vertical four columns straight pressure with vertical mould locking. High speed locking with vertical Injection
- Specially designed for engineering plastics. High speed injection. Most suitable for thin wall component moulding. Also very suitable for insert moulding
- The screw rod L/D ratio is big which is suitable for special engineering plastics.
- Can adopt to full automation functional design
- High pressure Hydraulic locking, fast locking speed with controlled slow final locking which increase mould life
- Barrel uses Double cylinder locking for better balance and stability
- HMI will demonstrate breakdown area, convenient trouble shooting

INJECTION UNIT	UNIT	PRV-35TC			PRV-55TC			PRV-85-TC			PRV-120-TC			PRV-160-TC			PRV-200TC		
Screw Diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45	40	45	50	50	55	60
theoretical injection volume	cm ³	59	74	96	86	112	142	128	163	200	183	226	286	251	318	392	471	570	678
Injection Weight	gr	56	70	91	81	106	134	121	154	190	173	213	270	238	300	371	445	538	640
Max Injection Pressure	oz	2	2.5	3.2	2.9	3.7	4.7	4.3	5.5	6.7	6.1	7.5	9.5	8.4	10.6	13	16	19	22
	Mpa (kgf/cm ³)	2153	1715	1312	2170	1660	1312	2050	1620	1312	2202	1783	1409	2104	1663	1346	2150	1777	1493
Injection Rate	cc/s	60	75	82	78	100	128	130	165	202	156	193	245	147	186	230	227	275	327
Injection Speed	mm/s	120	120	120	140	140	140	160	160	160	180	180	180	200	200	200	220	220	220
Screw Speed Rotation	mm	0-250	0-250	0-250	0-230	0-230	0-230	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Clamping Unit																			
Clamping Force	tf	343(35)	343(35)	343(35)	539(55)	539(55)	539(55)	833(85)	833(85)	833(85)	1176(120)	1176(120)	1176(120)	1568(160)	1568(160)	1568(160)	1960(200)	1960(200)	1960(200)
Clamping Stroke	mm	215	215	215	215	215	215	250	250	250	300	300	300	300	300	300	350	350	350
Min Mould Thickness	mm	140(200)	140(200)	140(200)	180(240)	180(240)	180(240)	240(320)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	280(380)	280(380)	350(450)	350(450)	350(450)
Max. Opening	mm	355(415)	355(415)	355(415)	395(455)	395(455)	395(455)	490(570)	490(570)	490(570)	580(680)	580(680)	580(680)	580(680)	580(680)	580(680)	700(800)	700(800)	700(800)
Distance Between Tie Bars	mm	420X250	420X250	420X250	470X290	470X290	470X290	520X320	520X320	520X320	580X380	580X380	580X380	680X420	680X420	680X420	720X520	720X520	720X520
Max Mold Size	mm	400X350	400X350	400X350	450X400	450X400	450X400	500X450	500X450	500X450	550X500	550X500	550X500	650X600	650X600	650X600	700X700	700X700	700X700
Platen Size	mm	570X400	570X400	570X400	630X450	630X450	630X450	700X500	700X500	700X500	800X600	800X600	800X600	960X700	960X700	960X700	1060X860	1060X860	1060X860
Ejector Distance	mm	40	40	40	40	40	40	40	40	40	60	60	60	60	60	60	60	60	60
Ejector Force		17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)
Electrical Equipment and General																			
System Pressure	Mpa (kgf/cm ³)	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
Oil Tank Capacity	l	120	120	120	150	150	150	200	200	200	280	280	280	350	350	350	500	500	500
Electric Power	kw	5.5(7.5)	5.5(7.5)	5.5(7.5)	7.5(11)	7.5(11)	7.5(11)	11(15)	11(15)	11(15)	15(20)	15(20)	15(20)	18.5(25)	18.5(25)	18.5(25)	22.5(30)	22.5(30)	22.5(30)
Heater Power	kw	3.6	3.6	3.6	5.5	5.5	5.5	6.4	6.4	6.4	10.7	10.7	10.7	13.8	13.8	13.8	16	16	16
Dimention of Machine(LXMWXH)	m	1.6X1.2X2.4	1.6X1.2X2.4	1.6X1.2X2.4	1.7X1.3X2.6	1.7X1.3X2.6	1.7X1.3X2.6	2.0X1.5X2.9	2.0X1.5X2.9	2.0X1.5X2.9	2.2X1.7X3.2	2.2X1.7X3.2	2.2X1.7X3.2	2.4X2.0X3.6	2.4X2.0X3.6	2.4X2.0X3.6	2.5X2.1X4	2.5X2.1X4	2.5X2.1X4
Weight of Machine	t	1.8	1.8	1.8	2.5	2.5	2.5	4.3	4.3	4.3	5.6	5.6	5.6	7.8	7.8	7.8	11.5	11.5	11.5



PRV-T-1S Single Sliding Mode Series

Models :

PRV-35T-1S, PRV-55T-1S, PRV-85-T-1S, PRV-120-T-1S,
PRV-160-T-1S, PRV-200T-1S



Features:

- Single sliding mould machine. After the cycle is complete, the mould comes out in front of operator for easy operations. Optical sensors for safety and restart of cycle
- Multistage temperature controls, Multistage pressure controls. Barrel equipped with suck-back feature. Suitable for engineering plastic
- The screw rod L/D ratio is big which is suitable for special engineering plastics
- Can adopt to full automation functional design
- High pressure Hydraulic locking, fast locking speed with controlled slow final locking which increase mould life
- Barrel uses Double cylinder locking for better balance and stability
- HMI will Indicate breakdown area, convenient trouble shooting

INJECTION UNIT	UNIT	PRV-35T-1S			PRV-55T-1S			PRV-85-T-1S			PRV-120-T-1S			PRV-160-T-1S			PRV-200T-1S		
Screw Diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45	40	45	50	50	55	60
theoretical injection volume	cm ³	59	74	96	86	112	142	128	163	200	183	226	286	251	318	392	471	570	678
Injection Weight	gr	56	70	91	81	106	134	121	154	190	173	213	270	238	300	371	445	538	640
	oz	2	2.5	3.2	2.9	3.7	4.7	4.3	5.5	6.7	6.1	7.5	9.5	8.4	10.6	13	16	19	22
Max Injection Pressure	Mpa(kgf/cm ³)	2153	1715	1312	2170	1660	1312	2050	1620	1312	2202	1783	1409	2104	1663	1346	2150	1777	1493
Injection Rate	cc/s	60	75	82	78	100	128	130	165	202	156	193	245	147	186	230	227	275	327
Injection Speed	mm/s	120	120	120	140	140	140	160	160	160	180	180	180	200	200	200	220	220	220
Screw Speed Rotation	mm	0-250	0-250	0-250	0-230	0-230	0-230	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Clamping Unit																			
Clamping Force	tf	343(35)	343(35)	343(35)	539(55)	539(55)	539(55)	833(85)	833(85)	833(85)	1176(120)	1176(120)	1176(120)	1568(160)	1568(160)	1568(160)	1960(200)	1960(200)	1960(200)
Clamping Stroke	mm	215	215	215	215	215	215	250	250	250	300	300	300	300	300	300	350	350	350
Min Mould Thickness	mm	140(200)	140(200)	140(200)	180(240)	180(240)	180(240)	240(320)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	280(380)	280(380)	350(450)	350(450)	350(450)
Max. Opening	mm	355(415)	355(415)	355(415)	395(455)	395(455)	395(455)	490(570)	490(570)	490(570)	580(680)	580(680)	580(680)	580(680)	580(680)	580(680)	700(800)	700(800)	700(800)
Distance Between Tie Bars	mm	420X250	420X250	420X250	470X290	470X290	470X290	520X320	520X320	520X320	580X380	580X380	580X380	680X420	680X420	680X420	720X520	720X520	720X520
Max Mold Size	mm	400X350	400X350	400X350	450X400	450X400	450X400	500X450	500X450	500X450	550X500	550X500	550X500	650X600	650X600	650X600	700X700	700X700	700X700
Platen Size	mm	400X450	400X450	400X450	450X500	450X500	450X500	500X550	500X550	500X550	560X600	560X600	560X600	650X700	650X700	650X700	700X830	700X830	700X830
Ejector Distance	mm	40	40	40	40	40	40	40	40	40	60	60	60	60	60	60	60	60	60
Ejector Force		17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)
Electrical Equipment and General																			
System Pressure	Mpa(kgf/cm ³)	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
Oil Tank Capacity	l	120	120	120	150	150	150	200	200	200	280	280	280	350	350	350	500	500	500
Electric Power	kw	5.5(7.5)	5.5(7.5)	5.5(7.5)	7.5(11)	7.5(11)	7.5(11)	11(15)	11(15)	11(15)	15(20)	15(20)	15(20)	18.5(25)	18.5(25)	18.5(25)	22.5(30)	22.5(30)	22.5(30)
Heater Power	kw	3.6	3.6	3.6	5.5	5.5	5.5	6.4	6.4	6.4	10.7	10.7	10.7	13.8	13.8	13.8	16	16	16
Dimension of Machine(LXMWXH)	m	1.8X1.2X2.5	1.8X1.2X2.5	1.8X1.2X2.5	2X1.3X2.7	2X1.3X2.7	2X1.3X2.7	2.2X1.5X3	2.2X1.5X3	2.2X1.5X3	2.4X1.7X3.3	2.4X1.7X3.3	2.4X1.7X3.3	2.7X2.0X3.7	2.7X2.0X3.7	2.7X2.0X3.7	2.9X2.1X4.1	2.9X2.1X4.1	2.9X2.1X4.1
Weight of Machine	t	1.9	1.9	1.9	2.7	2.7	2.7	4.9	4.9	4.9	6	6	6	8.3	8.3	8.3	12	12	12



Double Slider PRV-T-2S Mode Series

Models :

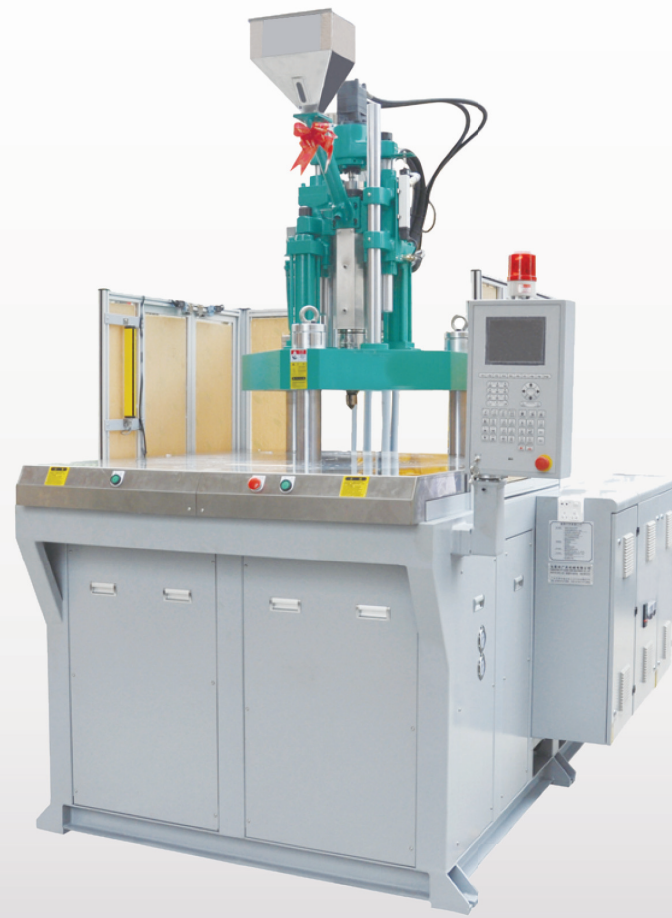
PRV-35T-2S, PRV-55T-2S, PRV-85-T-2S, PRV-120-T-2S,
PRV-160-T-2S, PRV-200T-2S



Features

- Four-column vertical hydraulic locking, Vertical injection, HMI, Dual ratio pressure, Oil flow control, Optimized mechanical Structure, easy operation and fast speed
- Slider, Mould plates are made up of forged steel. Tie rods use guide bushes with lubricating facility with reduces abrasion on to the tie bars. This increase the life of machine and precision as well
- Ejector system can match different type of mould plate and can freely adjust stroke, stroke force, ejector speed and stroke times which can be preset according to requirements.
- Double slide machine uses 2 moulds to slide left and right alternatively. While one mould id being moulded, other mould is operated outside for part insertion which highly increases the productivity
- Diverse oil system design (semi-closed, closed, servo or high speed injection) to meet customers' demands, expandable programming, connects with automation devices and robotic arms, can obtain full automation.

INJECTION UNIT	Unit	PRV-35T-2S			PRV-55T-2S			PRV-85-T-2S			PRV-120-T-2S			PRV-160-T-2R			PRV-200T-2S		
Screw Diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45	40	45	50	50	55	60
theoretical injection volume	cm ³	59	74	96	86	112	142	128	163	200	183	226	286	251	318	392	471	570	678
Injection Weight	gr	56	70	91	81	106	134	121	154	190	173	213	270	238	300	371	445	538	640
	oz	2	2.5	3.2	2.9	3.7	4.7	4.3	5.5	6.7	6.1	7.5	9.5	8.4	10.6	13	16	19	22
Max Injection Pressure	Mpa(kgf/cm ³)	2153	1715	1312	2170	1660	1312	2050	1620	1312	2202	1783	1409	2104	1663	1346	2150	1777	1493
Injection Rate	cc/s	60	75	82	78	100	128	130	165	202	156	193	245	147	186	230	227	275	327
Injection Speed	mm/s	120	120	120	140	140	140	160	160	160	180	180	180	200	200	200	220	220	220
Screw Speed Rotation	mm	0-250	0-250	0-250	0-230	0-230	0-230	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Clamping Unit																			
Clamping Force	tf	343(35)	343(35)	343(35)	539(55)	539(55)	539(55)	833(85)	833(85)	833(85)	1176(120)	1176(120)	1176(120)	1568(160)	1568(160)	1568(160)	1960(200)	1960(200)	1960(200)
Clamping Stroke	mm	215	215	215	215	215	215	250	250	250	300	300	300	300	300	300	350	350	350
Min Mould Thickness	mm	140(200)	140(200)	140(200)	180(240)	180(240)	180(240)	240(320)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	280(380)	280(380)	350(450)	350(450)	350(450)
Max. Opening	mm	355(415)	355(415)	355(415)	395(455)	395(455)	395(455)	490(570)	490(570)	490(570)	580(680)	580(680)	580(680)	580(680)	580(680)	580(680)	700(800)	700(800)	700(800)
Distance Between Tie Bars	mm	420X250	420X250	420X250	470X290	470X290	470X290	520X320	520X320	520X320	580X380	580X380	580X380	680X420	680X420	680X420	720X520	720X520	720X520
Max Mold Size	mm	400X350	400X350	400X350	450X400	450X400	450X400	500X450	500X450	500X450	550X500	550X500	550X500	650X600	650X600	650X600	700X700	700X700	700X700
Platen Size	mm	400X800	400X800	400X800	450X900	450X900	450X900	500X1000	500X1000	500X1000	560X1100	560X1100	560X1100	650X1300	650X1300	650X1300	700X1500	700X1500	700X1500
Ejector Distance	mm	40	40	40	40	40	40	40	40	40	60	60	60	60	60	60	60	60	60
Ejector Force		17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)
Electrical Equipment and General																			
System Pressure	Mpa(kgf/cm ³)	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
Oil Tank Capacity	l	120	120	120	150	150	150	200	200	200	280	280	280	350	350	350	500	500	500
Electric Power	kw	5.5(7.5)	5.5(7.5)	5.5(7.5)	7.5(11)	7.5(11)	7.5(11)	11(15)	11(15)	11(15)	15(20)	15(20)	15(20)	18.5(25)	18.5(25)	18.5(25)	22.5(30)	22.5(30)	22.5(30)
Heater Power	kw	3.6	3.6	3.6	5.5	5.5	5.5	6.4	6.4	6.4	10.7	10.7	10.7	13.8	13.8	13.8	16	16	16
Dimention of Machine(LXMWXH)	m	2.2X1X2.5	2.2X1X2.5	2.2X1X2.5	2.4X1.1X2.7	2.4X1.1X2.7	2.4X1.1X2.7	2.4X1.2X3	2.4X1.2X3	2.4X1.2X3	2.5X1.3X3.3	2.5X1.3X3.3	2.5X1.3X3.3	2.8X1.4X3.7	2.8X1.4X3.7	2.8X1.4X3.7	3x1.5x4.1	3x1.5x4.1	3x1.5x4.1
Weight of Machine	t	2.1	2.1	2.1	2.9	2.9	2.9	4.9	4.9	4.9	6.3	6.3	6.3	8.6	8.6	8.6	12.4	12.4	12.4



PRV-T-R Rotary Machine Series

Models :

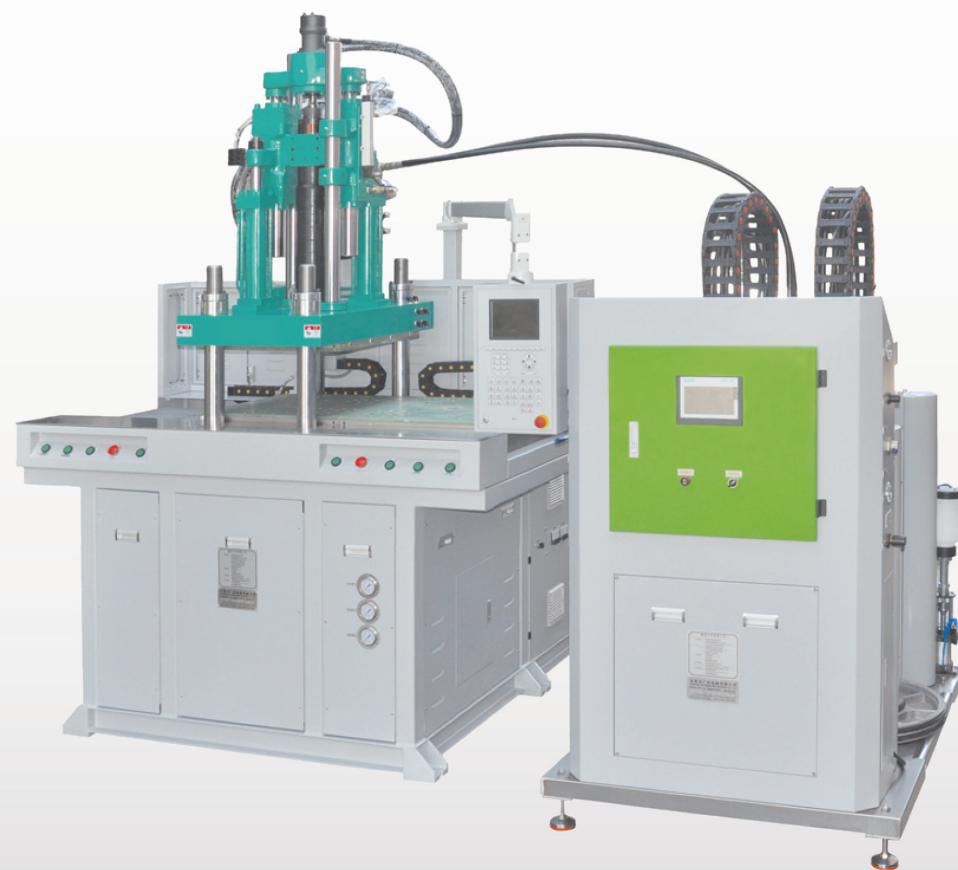
PRV-35T-2R, PRV-55T-2R, PRV-85-T-2R, PRV-120-T-2R,
PRV-160-T-2R, PRV-200T-2R



Features:

- Mould Closing and injection at the Four tie rod base. The rotary table rotates to 180 degrees. Operator can stand at a stationary position to put the inserts in mould. This dual mould operation gives convenience and high output
- High accuracy of rotary table stoppage and moulding
- The rotary table can be 3 or 4 stations as well on special demand

Injection Unit	Unit	PRV-35T-2R			PRV-55T-2R			PRV-85-T-2R			PRV-120-T-2R			PRV-160-T-2R			PRV-200T-2R		
Screw Diameter	mm	25	28	32	28	32	36	32	36	40	36	40	45	40	45	50	50	55	60
theoretical injection volume	cm ³	59	74	96	86	112	142	128	153	200	183	226	286	251	318	392	471	570	678
Injection Weight	gr	56	70	91	81	106	134	121	154	190	173	213	270	238	300	371	445	538	640
	oz	2	2.5	3.2	2.9	3.7	4.7	4.3	5.5	6.7	6.1	7.5	9.5	8.4	10.6	13	16	19	22
Max Injection Pressure	Mpa(kgf/cm ³)	2153	1715	1312	2170	1660	1312	2050	1620	1312	2202	1783	1409	2104	1663	1346	2150	1777	1493
Injection Rate	cc/s	60	75	82	78	100	128	130	165	202	156	193	245	147	186	230	227	275	327
Injection Speed	mm/s	120	120	120	140	140	140	160	160	160	180	180	180	200	200	200	220	220	220
Screw Speed Rotation	mm	0-250	0-250	0-250	0-230	0-230	0-230	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Clamping Force	tf	343(35)	343(35)	343(35)	539(55)	539(55)	539(55)	833(85)	833(85)	833(85)	1176(120)	1176(120)	1176(120)	1568(160)	1568(160)	1568(160)	1960(200)	1960(200)	1960(200)
Clamping Stroke	mm	215	215	215	215	215	215	300	300	300	300	300	300	300	300	300	350	350	350
Min Mould Thickness	mm	140(200)	140(200)	140(200)	180(240)	180(240)	180(240)	240(320)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	280(380)	280(380)	350(450)	350(450)	350(450)
Max. Opening	mm	355(415)	355(415)	355(415)	395(455)	395(455)	395(455)	490(570)	490(570)	490(570)	580(680)	580(680)	580(680)	580(680)	580(680)	580(680)	700(800)	700(800)	700(800)
Distance Between Tie Bars	mm																		
Max Mold Size	mm	280X280	280X280	280X280	320X320	320X320	320X320	350X350	350X350	350X350	380X380	380X380	380X380	430X430	430X430	430X430	480X480	480X480	480X480
Platen Size	mm	880	880	880	980	980	980	1100	1100	1100	1240	1240	1240	1340	1340	1340	1500	1500	1500
Ejector Distance	mm	40	40	40	40	40	40	40	40	40	60	60	60	60	60	60	60	60	60
Ejector Force		17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)
Electrical Equipment and General																			
System Pressure	Mpa(kgf/cm ³)	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
Oil Tank Capacity	l	120	120	120	150	150	150	200	200	200	280	280	280	350	350	350	500	500	500
Electric Power	kw	5.5(7.5)	5.5(7.5)	5.5(7.5)	7.5(11)	7.5(11)	7.5(11)	11(15)	11(15)	11(15)	15(20)	15(20)	15(20)	18.5(25)	18.5(25)	18.5(25)	22.5(30)	22.5(30)	22.5(30)
Heater Power	kw	3.6	3.6	3.6	5.5	5.5	5.5	6.4	6.4	6.4	10.7	10.7	10.7	13.8	13.8	13.8	16	16	16
Dimention of Machine(LXMWXH)	m	2x1.5x2.5	2x1.5x2.5	2x1.5x2.5	2.1x1.6x2.7	2.1x1.6x2.7	2.1x1.6x2.7	2.4x1.8x3	2.4x1.8x3	2.4x1.8x3	2.6x1.9x3.3	2.6x1.9x3.3	2.6x1.9x3.3	2.7x2.0x3.7	2.7x2.0x3.7	2.7x2.0x3.7	3x2.5x4.1	3x2.5x4.1	3x2.5x4.1
Weight of Machine	t	2.8	2.8	2.8	3.8	3.8	3.8	6	6	6	7.8	7.8	7.8	10.5	10.5	10.5	14	14	14



PRV-T-2S-LSR Liquid Silicone Injection Molding Machine Series



Models :

PRV-55-2S-LSR, PRV-85-2S-LSR, PRV-120-2S-LSR, PRV-160-2S-LSR, PRV-200-2S-LSR

Features

- Four-column vertical hydraulic locking, Vertical injection, HMI, Dual ratio pressure, Oil flow control, Optimized mechanical Structure, easy operation and fast speed.
- Slider, Mould plates are made up of forged steel. Tie rods use guide bushes with lubricating facility with reduces abrasion on to the tie bars. This increase the life of machine and precision as well
- Ejector system can match different type of mould plate and can freely adjust stroke, stroke force, ejector speed and stroke times which can be preset according to requirements
- Double slide machine uses 2 moulds to slide left and right alternatively. While one mould id being moulded, other mould is operated outside for part insertion which highly increases the productivity
- Diverse oil system design (semi-closed, closed, servo or high speed injection) to meet customers' demands, Expandable programming, connects with automation devices and robotic arms, can obtain full automation.

Injection Unit	Unit	PRV-55-2S-LSR		PRV-85-2S-LSR		PRV-120-2S-LSR		PRV-160-2S-LSR		PRV-200-2S-LSR	
Screw Diameter	mm	28	35	35	40	40	45	4	ø26	50	60
theoretical injection volume	cm3	74	115	135	176	200	254	270	333	393	565
Injection Weight	gr	70	110	128	170	190	240	255	315	370	535
	oz	2.5	3.9	4.5	6	6.7	8.5	9.0	11.1	13.1	18.9
Max Injection Pressure	Mpa(kgf/cm3)	1715	1098	1388	1063	1312	1037	1254	1016	1209	840
Injection Rate	cc/s	87	136	136	175	175	175	225	238	308	445
Injection Speed	mm/s	120	120	140	140	160	160	180	180	200	200
Screw Speed Rotation	mm	0-230	0-230	0-300	0-300	300	300	0-300	0-300	0-300	0-300
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Clamping Unit											
Clamping Force	tf	539(55)	539(55)	833(85)	833(85)	1176(120)	1176(120)	1555(160)	1555(160)	1960(200)	1960(200)
Clamping Stroke	mm	215	215	250	250	300	300	300	300	350	350
Min Mould Thickness	mm	180(240)	180(240)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	350(450)	350(450)
Max. Mould Space	mm	395(455)	395(455)	490(570)	490(570)	580(680)	580(680)	580(680)	580(680)	700(800)	700(800)
Distance Between Tie Bars	mm	470X290	470X290	520X320	520X320	580X380	580X380	680X420	680X420	720X520	720X520
Mold Size	mm	400X400	400X400	450X500	450X500	550X500	550X500	650X500	650X500	700X700	700X700
Platen Size	mm	450X1000	450X1000	500X1200	500X1200	580X1300	580X1300	650X1500	650X1500	700X1600	700X1600
Ejector Distance	mm	40	40	40	40	60	60	60	60	60	60
Ejector Force		17.2(1.75)	17.2(1.75)	17.2(1.75)	17.2(1.75)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)	45(4.6)
Electrical Equipment and General											
System Pressure	Mpa(kgf/cm3)	140	140	140	140	140	140	140	140	140	140
Oil Tank Capacity	l	150	150	200	200	350	350	300	300	350	500
Electric Power	kw	8.5	8.5	12.6	12.6	15	15	18.5	18.5	22.5	22.5
Heater Power	kw	5.5	5.5	6.4	6.4	110.7	110.7	13.8	13.8	16	16
Dimension of Machine(LXMWXH)	m	2.0X1.8X2.7	2.0X1.8X2.7	2.2X2.0X3	2.2X2.0X3	2.4X2.2X3.3	2.4X2.2X3.3	2.8X2.2X3.7	2.8X2.2X3.7	4.1	4.1
Weight of Machine	t	2.9	2.9	4.5	4.5	6.3	6.3	8.6	8.6	12.4	12.4

PRV-TR-TC Double Injection Multiple Color Series

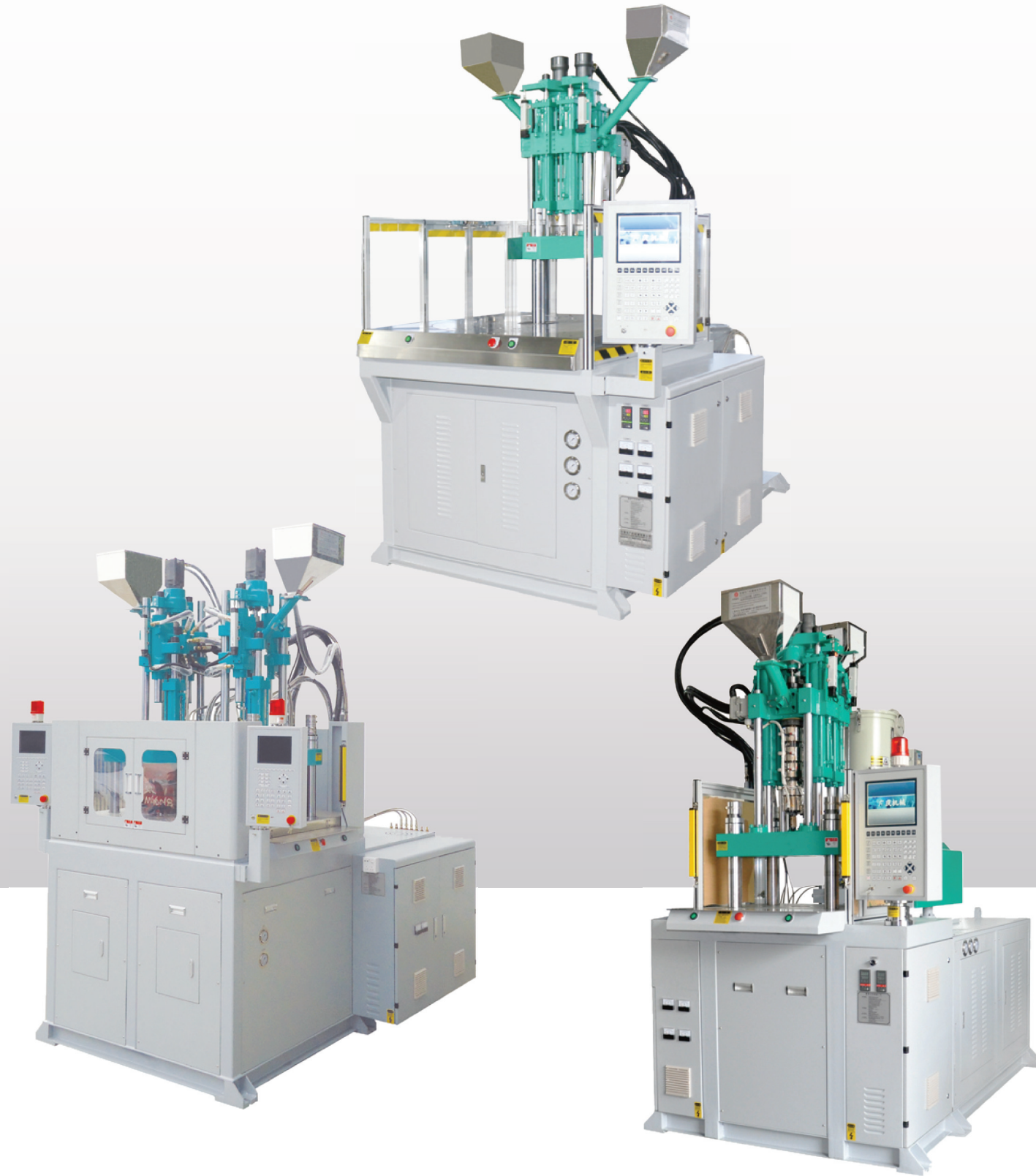


Models :

PRV55VRTC2, PRV-90VR-TC2, PRV-120VR-TC-2, PRV-160-VR-TC2, PRV-200-VR-TC2, PRV-250-VR-TC2

Features:

- The machine can produce 2 colour components. In the rotary machine model, second injection is carried at 180 degrees
- Both color(or material) vertical locking are two independently locking units (independent hydraulic pressure oil duct), it locks the mould by strength of 50TON-250TON, Completely computerized. The variable hydraulic system suits the production of ordinary or the special double colour (double material) component making.
- High efficiency rotary system with middle water jacket unit can supply Mould cooling through moving system
- The system program can be modified to multi station rotary platform to insert a different component into the mould. The system can be robotically automated



	Unit	A			B			C			D			E		
Screw Diameter	mm	20	22	26	26	30	32	32	36	40	36	40	16	46	50	55
Injection Pressure	kg/cm ³	2240	1851	1325	2071	1555	1367	2180	1722	1395	2597	2104	1591	1915	1621	1340
Injection Capacity	cm ³	28	34	47	63	84	96	113	142	176	162	200	265	315	372	451
Injection Weight	gr	25	30	42	57	76	86	101	128	158	146	180	238	284	335	406
Injection Rate	cc/s	28	34	47	52	70	80	61	76	94	63	78	103	109	128	155
Screw Speed	r.p.m	0-180	0-180	0-180	0-220	0-220	0-220	0-180	0-180	0-180	0-180	0-180	0-180	0-180	0-180	0-180
Screw Stroke	mm	90	90	90	120	120	120	140	140	140	160	160	160	190	190	190
heater	kw	2.5*2	2.5*2	2.5*2	4.1*2	4.1*2	4.1*2	5.6*2	5.6*2	5.6*2	8.5*2	8.5*2	8.5*2	11.0*2	11.0*2	11.0*2
drive motor	kw	5.5*2	5.5*2	5.5*2	7.5*2	7.5*2	7.5*2	11.1*2	11.1*2	11.1*2	14.9*2	14.9*2	14.9*2	18.6*2	18.6*2	18.6*2

	Unit	PRV55VRTC2		PRV-90VR-TC2		PRV-120VR-TC-2		PRV-160-VR-TC2		PRV-200-VR-TC2		PRV-250-VR-TC2	
	Sr. No.	Size I	II	I	II	I	II	I	II	I	II	I	II
		NOA	A	AB	AB	ABC	ABC	BC	BC	BCD	BCD	CDE	CDE
Clamping Force	tf	50(25*2)		90(45*2)		120(60*2)		160(80*2)		200(100*2)		250(125*2)	
Clamping Stroke	mm	215		250		300		300		400		450	
Min Mold Height	mm	180		220		250		250		300		350	
Max Mould Space	mm	395		470		550		550		700		800	
Over All Size of Platens	mm	850X350		1050X440		1150X550		1250X660		1450X800		1700X880	
Hydraulic Ejector Force	tf	2.6		2.6		4		4		4.5		4.5	
Ejector Stroke	mm	100		100		120		120		150		150	
Table Diameter	mm	600/300		780/400		880/460		1000/500		1170/600		1370/800	
Machine Dimention (I X W X H)	m	1.1X1.5X3.2		1.4X1.7X3.5		1.6X2.0X3.8		1.8X2.0X3.8		1.9X2.3X4.0		2.3X2.6X4.0	
Machine Weight	t	3.8		6		7.5		10		11.5		14	
Oil Tank Capacity	l	260		320		400		450		500		600	



PRV-T-1S/2S/TR Vertical Locking Woshe Machine Series



Models :

PRVT-55, PRVT-70, PRVT-85, PRVT-120, PRVT-160, PRVT-200

Features

- Four-column vertical hydraulic locking, Horizontal injection, HMI, Dual ratio pressure, Oil flow control, Optimized mechanical Structure, easy operation and fast speed, High safety and high production
- Horizontal Injection machine's stability is more, Injects powerfully, suits bigger size shot weight moulding
- Movable Injection system with shoots plastic horizontal in nozzle. Easy to set centre of mould. Mould design is easier and convenient.

Injection Unit	Unit	PRVT-55		PRVT-7		PRVT-85		PRVT-120		PRVT-160		PRVT-200	
Screw Diameter	mm	26	30	30	36	36	40	40	50	45	55	50	63
Injection Pressure	kg/cm3	2071	1555	2612	1814	1814	1470	2011	1287	2001	1339	2020	1280
Injection Capacity	cm3	64	85	99	142	162	201	220	343	302	451	412	654
Injection Weight	gr	57	76	89	127	145	180	198	308	271	406	371	589
	oz	2	2.6	3.1	4.5	5.1	6.3	7.7	10.8	9.5	14.3	13	20.7
Injection Rate	cc/s	44	58	50	71	81	100	110	154	110	164	142	226
Screw Speed	r.p.m.	0-180	0-180	0-180	0-180	0-180	0-180	0-160	0-160	0-186	0-186	0-155	0-155
Screw Stroke	mm	120	120	140	140	160	160	175	175	190	190	210	210
Nozzle Stroke	mm	150	150	200	200	200	200	250	250	250	250	300	300
Nozzle Contact Force	tf	3.5	3.5	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Clamping System		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Clamping Force	tf	55	55	70	70	85	85	120	120	160	160	210	210
Clamping Stroke	mm	200	200	250	250	250	250	300	300	350	350	350	350
Max Mould Space	mm	375	375	450	450	450	450	550	550	650	650	650	650
Min Mould Height	mm	175	175	200	200	200	200	250	250	300	300	300	300
Over All Size of Platens	mm	460X460	460X460	560X560	560X560	610X610	610X610	660X660	660X660	790X790	790X790	850X850	850X850
Space Between Columns	mm	280X280	280X280	330X330	330X330	370X370	370X370	420X420	420X420	470X470	470X470	550X550	550X550
Hydraulic Ejector Force	tf	1.7	1.7	3.3	3.3	3.3	3.3	3.3	3.3	4.6	4.6	5.4	5.4
Ejector Stroke	mm	40	40	50	50	50	50	50	50	50	50	80	80
Radio Tsui Canter Height	mm	140±25	140±25	150±25	150±25	150±25	150±25	200±25	200±25	125-175	125-175	125-175	125-175
From the comer to state rasio Tsui Min	mm	75	75	130	130	130	130	130	130	130	130	130	130
Table Diameter	mm	750	750	856	856	856	856	945	945	1060	1060	1060	1060
Table Rotation Angle	degree	180	180	180	180	180	180	180	180	180	180	180	180
Max. Mould Dimensions	mm	350X150	350X150	400X200	400X200	400X200	400X200	450X200	450X200	500X290	500X290	500X290	500X290
Number of Moulds	Sets	2	2	2	2	2	2	2	2	2	2	2	2
Slidable Journey	mm	500	500	600	600	650	650	680	680	750	750	800	800
Over all size of slipform (HXV)	mm	980X2701100X360	980X2701100X360	1230X360	1230X360	1310X360	1310X360	1310X420	1310X420	1500X460	1500X460	1600X540	1600X540
Number of Moulds	Sets	2	2	2	2	2	2	2	2	2	2	2	2
Drive Motor	kw	7.5(10HP)	7.5(10HP)	11.1(15HP)	11.1(15HP)	11.1(15HP)	11.1(15HP)	14.9(20HP)	14.9(20HP)	18.6(25HP)	18.6(25HP)	22(30HP)	22(30HP)
Heater Power	kw	4	4	7.5	7.5	8.3	8.3	10.5	10.5	13	13	15	15
Machine Dimention (L X W X H)	m	3.3X1.3X2.9	3.3X1.3X2.9	4.3X1.6X3.4	4.3X1.6X3.4	4.3X1.7X3.4	4.3X1.7X3.4	4.5X1.8X3.5	4.5X1.8X3.5	4.8X1.9X3.6	4.8X1.9X3.6	5.0X2.0X3.7	5.0X2.0X3.7
Machine Weight	t	4.2	4.2	6.6	6.6	7.4	7.4	8.3	8.3	11	11	13	13
Oil Tank Capacity	l	220	220	340	340	340	340	450X200	450X200	550	550	650	650
Cooling Water	l	800-1000	800-1000	1000-1300	1000-1300	1200-1500	1200-1500	1400-1600	1400-1600	1600-2000	1600-2000	1800-2100	1800-2100



PRV-T-1S/2S/TR C Type Clamping Machine Series



Models :

PRVS-35T, PRVS-55T, PRVS-85T, PRVS-120T

Features:

- Vertical Hydraulic Mould locking, horizontal injection, with vertical column, three side open, screen display, double proportional pressure, oil flow control, strong mechanical structure, high pressure and fast speed.
- C type steel structure, integration, oil flow control, strong mechanical structure, high pressure and fast speed and life. No barrier, more convenient to insert and fetch, to suitable the automatic operation.
- The height of injection base easily adjustable (have manual and auto types), convenient to correct of the central standards, convenient to install and debug, prevents from leaking of material.
- Diversity oil system design (semi-closed, closed, servo or high speed injection) to meet customers demands.
- According to the customers product's demands can choose from standard type, sliding type (single sliding plate or double sliding plate) rotary type (2 positions, 3 positions or more)

	Unit	PRVS-35T			PRVS-55T			PRVS-85T			PRVS-120T		
		T	2S	TR	T	2S	TR	T	2S	TR	T	2S	TR
Screw Diameter	mm	ø26	ø26	ø30	ø32	ø36	ø40	ø38	ø45	ø50	ø45	ø50	ø55
Injection Pressure	kg/cm ³	2071	2071	1367	1807	1427	1156	1628	1167	950	1588	1287	1063
Injection Capacity	cm ³	64	64	96	104	132	163	181	254	314	278	343	415
Injection Weight	gr	57	87	94	94	119	146	163	228	282	250	309	374
	oz	2	3	3	3.3	4.1	5.1	5.7	8	9.6	8.8	10.8	13.1
Injection Rate	cc/s	44	67	67	63	80	98	90	127	157	122	154	182
Screw Speed	r.p.m.	0-180	0-180	0-180	0-180	0-180	0-180	0-180	0-180	0-180	160	160	160
Screw Stroke	mm	120	120	120	130	130	130	160	160	160	175	175	175
Nozzle Stroke	mm	150	150	150	150	150	150	200	200	200	250	250	250
Clamping System		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Clamping Force	tf	35	35	35	55	55	55	85	85	85	120	120	120
Clamping Stroke	mm	200	200	200	200	200	200	270	270	270	300	300	300
Max Mould Space	mm	375	375	375	375	375	375	450	450	450	500	500	500
Min Mould Height	mm	175	175	175	175	175	175	180	180	180	200	200	200
Over All Size of Platens	mm	420X240	420X240	420X240	480X280	480X280	480X280	580X380	580X380	580X380	650X420	650X420	650X420
Hydraulic Ejector Force	tf	1.7	1.7	1.7	1.7	1.7	1.7	2.7	2.7	2.7	2.7	2.7	2.7
Ejector Stroke	mm	40	40	40	40	40	40	40	40	40	40	40	40
Radio Tsui Canter Height	mm	111-165	111-165	111-165	111-165	111-165	111-165	125-175	125-175	125-175	125-175	125-175	125-175
From the comer to state rasio Tsui Min	mm	75	75	75	75	75	75	125	125	125	125	125	125
Table Diameter	mm	750	750	750	856	856	856	945	945	945	1060	1060	1060
Table Rotation Angle	degree	180	180	180	180	180	180	180	180	180	180	180	180
Max. Mould Dimensions	mm	350X150	350X150	350X150	400X200	400X200	400X200	450X200	450X200	450X200	500X290	500X290	500X290
Number of Moulds	Sets	2	2	2	2	2	2	2	2	2	2	2	2
Slidable Journey	mm	450	450	450	500	500	500	600	600	600	650	650	650
Over all size of slipform (HXV)	mm	870X240	870X240	870X240	980X280	980X280	980X280	1180X380	1180X380	1180X380	1290X290	1290X290	1290X290
Number of Moulds	Sets	2	2	2	2	2	2	2	2	2	2	2	2
Electrical Equipment and General													
Drive Motor	kw	5.5(7.5HP)	5.5(7.5HP)	5.5(7.5HP)	7.5(10HP)	7.5(10HP)	7.5(10HP)	11(15HP)	11(15HP)	11(15HP)	15(20HP)	15(20HP)	15(20HP)
Heater Power	kw	4.1	4.1	4.1	5.1	5.1	5.1	7.6	7.6	7.6	9.5	9.5	9.5
Machine Dimention (l X W X H)	m	2.5X1.4X2.4	2.5X1.4X2.4	2.5X1.4X2.4	2.6X1.4X2.45	2.6X1.4X2.45	2.6X1.4X2.45	2.9X1.5X2.6	2.9X1.5X2.6	2.9X1.5X2.6	3.0X2.0X3.0	3.0X2.0X3.0	3.0X2.0X3.0
Machine Weight	t	3.5	3.5	3.5	4.5	4.5	4.5	7	7	7	8.2	8.2	8.2
Shipping Size	m	2.7X1.8X1.6	2.7X1.8X1.6	2.7X1.8X1.6	2.8X1.8X2.7	2.8X1.8X2.7	2.8X1.8X2.7	3.1X1.9X2.8	3.1X1.9X2.8	3.1X1.9X2.8	3.2X2.4X3.2	3.2X2.4X3.2	3.2X2.4X3.2
Shipping Weight	t	4.2	4.2	4.2	5.2	5.2	5.2	7.6	7.6	7.6	9.1	9.1	9.1
Oil Tank Capacity	l	160	160	160	220	220	220	260	260	260	340	340	340

Thermoset Plastic BMC Injection Molding Machine Series



Features:

- A wet dough thermoset BMC injection molding special screw barrel.
- Multi-segment high-precision PID mold temperature control
- Professional feed pressure cylinder design to ensure smooth and accurate feed.
- The upper and lower template has insulation of glass plate. Cuts off the mould head transfer to the machine that may affect the stability of the machine qualitative and life.
- Can choose to install a skateboard or turntable, can put the pieces there after pickup, improves machine efficiency.



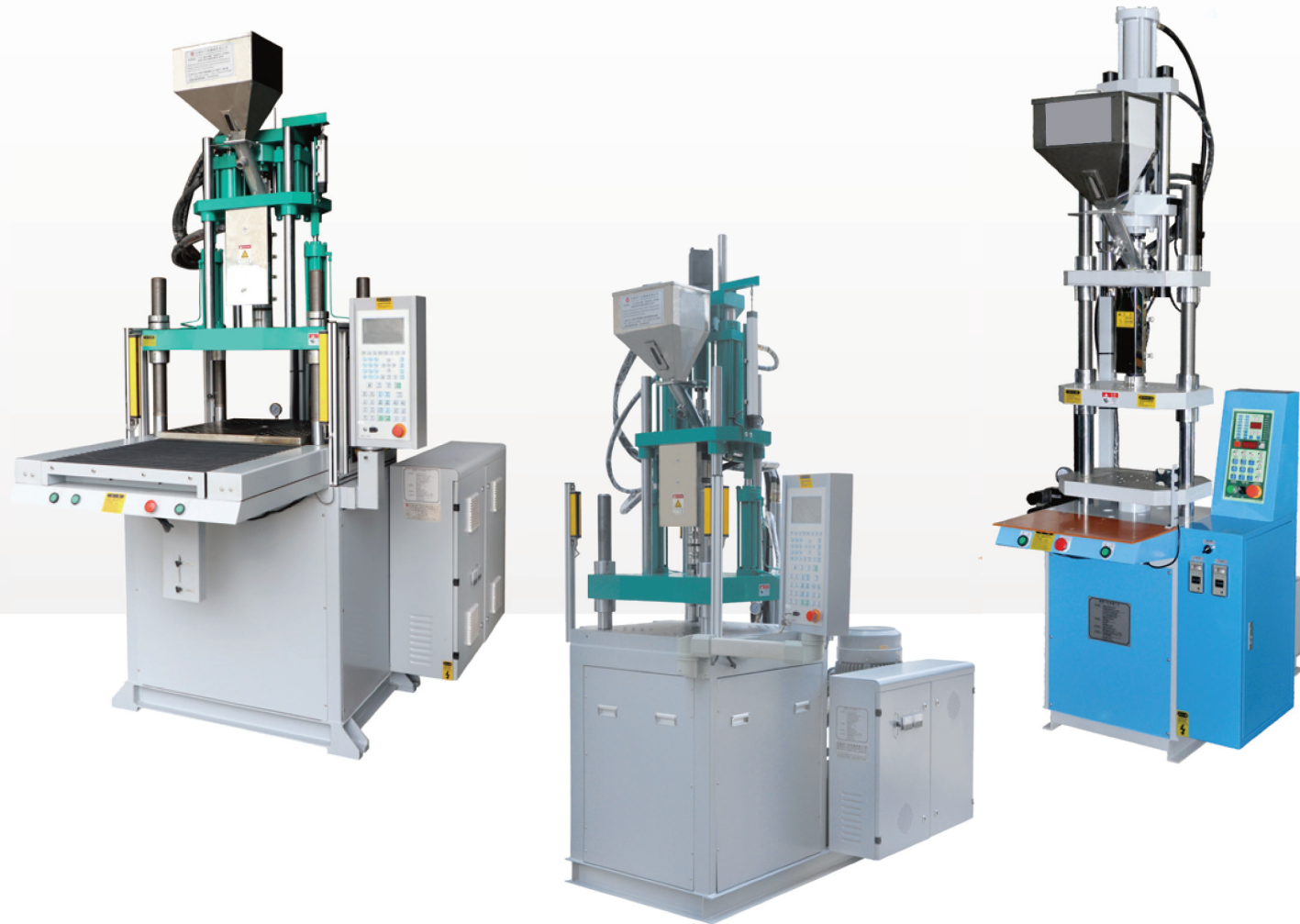
Thermosetting Plastics Plastic BMC Injection Molding Machine Series



Features:

- Thermosetting backelite (DAP) injection molding special screw barrel.
- The upper and lower template have insulation of glass plate, cuts off the mould heat transfer to the machine which increases machine stability and service life.
- Multi-segment high-precision PID mold temperature control.
- Skateboard or transfer, can be chosen to be installed, convenient to put the pieces after taking out to improve the machine efficiency.





PRV-T-ZH Artificial Plants Molding Machine Series

Models :

PRV-20T-ZH, PRV-25T-ZH, PRV-55T-ZH, PRV-85T-ZH,
PRV-120T-ZH, PRV-120T-ZH, PRV-160T-ZH, PRV-160T-ZH



Features:

- Long stroke straight pressure type cylinder clamping, High stability machine, low failure rate, long service life.
- T screw tooth machine column using mould thickness range makes Convenient and quick.
- Spiral material feeding structure, changing fast, quantitative precision, optimal plasticizing effect.
- Hydraulic injection structure, the machine has a stable precision product of good quality

	Unit	PRV-20T-ZH			PRV-25T-ZH			PRV-55T-ZH			PRV-85T-ZH			PRV-120T-ZH			PRV-160T-ZH			PRV-160T-ZH		
Injection Unit																						
Screw Diameter	mm	ø22	ø26	ø28	ø28	ø30	ø32	ø38	ø32	ø45	ø38	ø42	ø45	ø36	ø40	ø45	ø40	ø45	ø50	ø50	ø55	ø60
Theoretical Injection Volume	cm ³	36	50	58	67	77	88	340	415	476	180	220	253	183	226	286	251	318	392	471	570	678
Injection Weight	gr	33	46	54	62	71	81	312	382	438	170	208	239	173	213	270	238	300	371	445	538	640
	oz	1.2	1.6	1.9	2.2	2.5	2.8	11	13	15	6	7.4	8.5	6.1	7.5	9.5	8.4	10.6	13	16	19	22
Max. Injection Pressure	Mpa (kgf/cm ³)	1627	1142	1004	1142	995	875	1177	964	840	1453	1189	1036	2202	1783	1409	2104	1663	1346	2150	1777	1493
Injection Rate	cm ³ /s	28	39	46	54	62	71	77	95	109	183	224	257	156	193	245	147	186	230	227	275	327
Injection Speed	mm/s	95	95	95	110	110	110	300	300	300	160	160	160	180	180	180	200	200	200	220	220	220
Screw speed Rotation	r.p.m.	0-250	0-250	0-250	0-250	0-250	0-250	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300	0-300
Nozzle Out from Platens	mm	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Clamping Unit																						
Clamping Force	KN(tf)	196(20)	196(20)	196(20)	245(25)	245(25)	245(25)	539(55)	539(55)	539(55)	833(85)	833(85)	833(85)	1176(120)	1176(120)	1176(120)	1568(160)	1568(160)	1568(160)	1960(200)	1960(200)	1960(200)
Clamping Stroke	mm	250	250	250	215	215	215	215	215	215	250	250	250	300	300	300	300	300	300	350	350	350
Min Mould Thickness	mm	120(240)	120(240)	120(240)	120(200)	120(200)	120(200)	200(400)	200(400)	200(400)	240(320)	240(320)	240(320)	280(380)	280(380)	280(380)	280(380)	280(380)	280(380)	350(450)	350(450)	350(450)
Max Opening	mm	370(490)	370(490)	370(490)	335(415)	335(415)	335(415)	415(615)	415(615)	415(615)	490(570)	490(570)	490(570)	580(680)	580(680)	580(680)	580(680)	580(680)	580(680)	700(800)	700(800)	700(800)
Distance Between Tie Bars (LXW)	mm	340	340	340	430X360	430X360	430X360	500X500	500X500	500X500	520X320	520X320	520X320	580X380	580X380	580X380	680X420	680X420	680X420	720X520	720X520	720X520
Max Mould Size	mm	330X330	330X330	330X330	500X420	500X420	500X420	660X490	660X490	660X490	500X450	500X450	500X450	550X500	550X500	550X500	650X600	650X600	650X600	700X700	700X700	700X700
Electrical Equipment and General																						
System Pressure	Mpa (kgf/cm ³)	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
Oil Tank Capacity	L	60	60	60	100	100	100	160	160	160	200	200	200	280	280	280	350	350	350	500	500	500
Electric Power	kw(HP)	2.2(3)	2.2(3)	2.2(3)	4(5.5)	4(5.5)	4(5.5)	11(15)	11(15)	11(15)	11(15)	11(15)	11(15)	15(20)	15(20)	15(20)	18.5(25)	18.5(25)	18.5(25)	22.5(30)	22.5(30)	22.5(30)
Heater Power	KW	2	2	2	2.3	2.3	2.3	6.4	6.4	6.4	6.4	6.4	6.4	10.7	10.7	10.7	13.8	13.8	13.8	16	16	16
Machine Dimention (I X W X H)	mm	1.4X1.1X2.2	1.4X1.1X2.2	1.4X1.1X2.2	1.6X1.3X2.3	1.6X1.3X2.3	1.6X1.3X2.3	2.0X1.5X2.9	2.0X1.5X2.9	2.0X1.5X2.9	2.0X1.5X2.9	2.0X1.5X2.9	2.0X1.5X2.9	2.2X1.7X3.2	2.2X1.7X3.2	2.2X1.7X3.2	2.4X2.0X3.6	2.4X2.0X3.6	2.4X2.0X3.6	2.5X2.1X4	2.5X2.1X4	2.5X2.1X4
Machine Weight	t	0.65	0.65	0.65	1.2	1.2	1.2	2.5	2.5	2.5	4.3	4.3	4.3	5.6	5.6	5.6	7.8	7.8	7.8	11.5	11.5	11.5



PRV-200/250/350 Small Four Column Series

Models :
PRV-200, PRV-250, PRV-300



Features:

- Machine vertical locking mould and vertical injection, is suitable for the common electric appliance plugs, electronic components and small cavity products.
- Three section temperature controls, speed controls and back pressure control. Suits components of the precise parting
- The fast locking mould system with low pressure closing locks the mould exceptionally safe. After mould is locked, then automatically increases locking pressure. This special safe design functions as protection to the mould.
- The Mould is fixed or removable type. The injection has good spread and localization in the mould. The end product has the fluid release to leave the cavity, the end product comes out extremely controlled.
- The electrical fittings, hydraulic pressure fitting used are best in the class and popular brands with good durability and low noise
- Locking mould strength 15TON-35TON, has PLC to program the electrical controls. PLC's single place operation can control entire functions. The proportion/ratio of force to flow have three segmented controls.
- May adopt mould as 1 Side operation or with double mould for 2 side operation. Operator is more convenient in production and safer

Injection Unit	Unit	PRV-200		PRV-250		PRV-350	
Screw Diameter	mm	ø22	ø28	ø26	ø30	ø28	ø32
Injection Pressure	kgf/cm ³	1625	1004	1677	1260	1785	1367
Injection Capacity	cm ³	34	55	55	74	74	96
Injection Weight	gr	39	63	63	85	85	110
	oz	1.4	2.2	2.2	3	3	3.9
Injection Rate	cc/s	28	45	42	57	55	58
Screw Speed	r.p.m	0-150	0-150	0-150	0-150	0-150	0-150
Screw Rotation	mm	105	105	120	120	120	120
Nozzle Stroke	mm	120	120	150	150	200	200
Nozzle Contact Force	tf	2.4	2.4	2.4	2.4	2.4	2.4
Clamping System	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Clamping Force	tf	20	20	25	25	35	35
Clamping Stroke	mm	200	200	215	215	215	215
Max. Mould Space	mm	260	260	275	275	360	360
Min Mould Height	mm	60	60	60	60	145	145
Overall Size of Platens (HXV)	mm	450X270	450X270	520X330	520X330	570X370	570X370
Space Between Columns (HXV)	mm	310X160	310X160	370X200	370X200	420X220	420X220
Hydraulic Ejecter Force	tf	0.7	0.7	0.7	0.7	0.7	0.7
Ejector Stroke	mm	28	28	28	28	28	28
Electrical Equipment and General							
Drive Motor	kw	2.2(3HP)	2.2(3HP)	3.7(5HP)	3.7(5HP)	5.5(7HP)	5.5(7HP)
Heater	kw	2	2	2.3	2.3	3.3	3.3
Dimension of Machine(LXMWXH)	m	1.2 X 0.9 X 2.9	1.2 X 0.9 X 2.9	1.25 X 1.0 X 2.9	1.25 X 1.0 X 2.9	1.4 X 1.1 X 3.2	1.4 X 1.1 X 3.2
Weight of Machine	t	0.65	0.65	0.9	0.9	1.1	1.1
Shipping Size	m	1.4 X 1.1 X 2.25	1.4 X 1.1 X 2.25	1.45 X 1.1 X 2.25	1.45 X 1.1 X 2.25	1.55 X 1.1 X 2.25	1.55 X 1.1 X 2.25
Shipping Weight	t	0.8	0.8	1.1	1.1	1.3	1.3
Oil Tank Capacity	l	90	90	120	120	160	160
Cooling Water	l/hr	400-600	400-600	500-700	500-700	600-800	600-800

PRV-150 Small Two Column Series

Models :
PRV-150, PRV-150 2S



Features:

- Machine vertical locking mould and vertical injection, is suitable for the common electric appliance plugs, electronic components and small cavity products.
- Three section temperature controls, speed controls and back pressure control. Suits components of the precise parting .
- The fast locking mould system with low pressure closing locks the mould exceptionally safe. After mould is locked, then automatically increases locking pressure. This special safe design functions as protection to the mould.
- The Mould is fixed or removable type. The injection has good spread and localization in the mould. The end product has the fluid release to leave the cavity, the end product comes out extremely controlled.
- The electrical fittings, hydraulic pressure fitting used are best in the class and popular brands with good durability and low noise
- Locking mould strength 15TON-35TON, has PLC to program the electrical controls. PLC's single place operation can control entire functions. The proportion/ratio of force to flow have three segmented controls.
- May adopt mould as 1 Side operation or with double mould for 2 side operation. Operator is more convenient in production and safer

Injection Unit	Unit	PRV-150		PRV-150 2S	
		ø22	ø26	ø22	ø26
Screw Diameter	mm	ø22	ø26	ø22	ø26
Injection Pressure	kgf/cm ³	1625	1164	1625	1164
Injection Capacity	cm ³	34	47	34	47
Injection Weight	gr	39	55	39	55
	oz	1.4	1.9	1.4	1.9
Injection Rate	cc/s	28	39	28	39
Screw Speed	r.p.m	0-150		0-150	
Screw Rotation	mm	90		90	
Nozzle Stroke	mm	-		120	
Nozzle Contact Force	tf	-		2.4	
Clamping System	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Clamping Force	tf	15	15	15	15
Clamping Stroke	mm	200	200	200	200
Max. Mould Space	mm	240	240	240	240
Min Mould Height	mm	40	40	40	40
Overall Size of Platens (HXV)	mm	-	-	-	-
Space Between Columns (HXV)	mm	280	280	280	280
Hydraulic Ejecter Force	tf	0.7	0.7	0.7	0.7
Ejector Stroke	mm	28	28	28	28
Electrical Equipment and General					
Drive Motor	kw	2.2(3HP)	2.2(3HP)	2.2(3HP)	2.2(3HP)
Heater	kw	2	2	2	2
Dimension of Machine(LXMWXH)	m	1.2 X 0.9 X 2.3	1.2 X 0.9 X 2.3	1.2 X 0.9 X 2.3	1.2 X 0.9 X 2.3
Weight of Machine	t	0.6	0.6	0.6	0.6
Shipping Size	m	1.4 X 1.1 X 2.25	1.4 X 1.1 X 2.25	1.4 X 1.1 X 2.25	1.4 X 1.1 X 2.25
Shipping Weight	t	0.75	0.75	0.75	0.75
Oil Tank Capacity	l	90	90	90	90
Cooling Water	l/hr	400-600	400-600	400-600	400-600



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