



Double Color | C Clamping | Vertical Clamping | Rotary Table | Sliding Table | Liquid Silicone

Electrical & Electronics Industry
Automotive Industry
Engineering Industry
Medical Industry
Cosmetic Industry
Appliance Industry



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

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

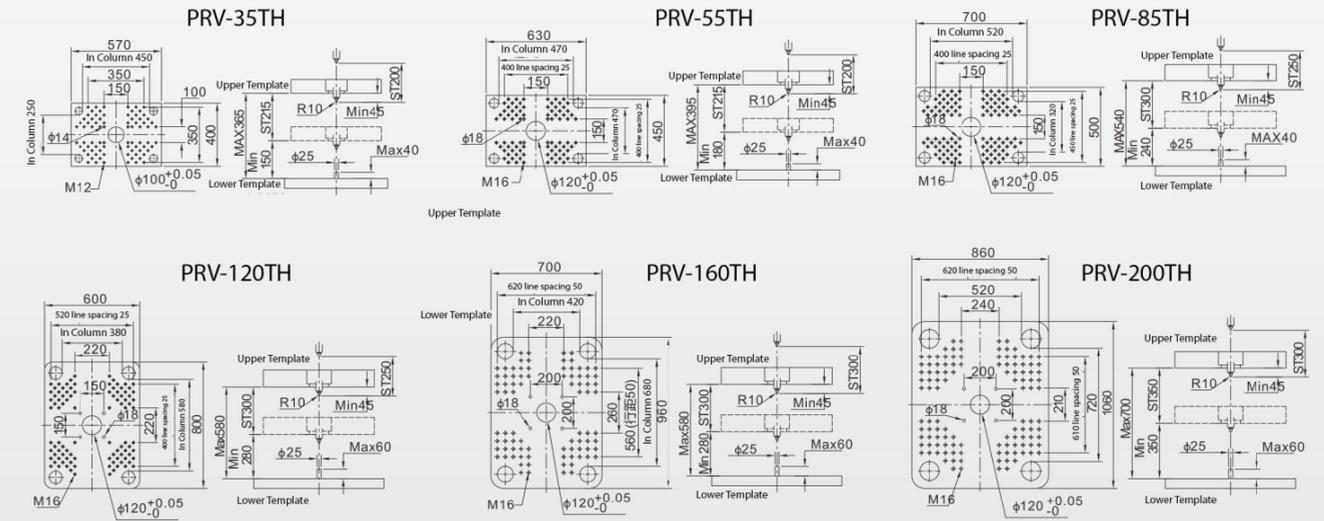
Automation Series

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



Template Size



INJECTION UNIT	UNIT	PRV-35TH			PRV-55TH			PRV-85TH			PRV-120TH		
Screw Diameter	mm	20	22	25	20	22	25	25	22	25	25	22	25
Theoretical Injection Volume	cm ³	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
	oz	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
Injection Rate	cc/s	250			320			425			425		
Injection Speed	mm/s	95			95			95			95		
Screw Speed Rotation	mm	0-300			0-300			0-300			0-300		
Nozzle Out from Platens	mm	≥45			≥45			≥45			≥45		
Clamping Force	tf	343(35)			539(55)			833(85)			1176(120)		
Clamping Stroke	mm	215			215			250			300		
Min Mould Thickness	mm	150(210)			180(240)			240(310)			280(380)		
Max. Opening	mm	365(425)			395(475)			480(560)			580(680)		
Distance Between Tie Bars	mm	420X250			470X290			520X320			580X380		
Max Mold Size	mm	400X350			450X400			500X450			550X500		
Platen Size	mm	570X400			630X450			700X500			800X600		
Ejector Distance	mm	40			40			40			60		
Ejector Force		17.2(1.75)			17.2(1.75)			27.5(2.75)			27.5(2.75)		
System Pressure	Mpa(kgf/cm ³)	140			140			140			140		
Oil Tank Capacity	l	160			200			280			330		
Electric Power	kw	11(15)			15(20)			18.7(25)			22(30)		
Heater Power	kw	3.6			5.5			6.4			10.7		
Dimention of Machine(LXWXH)	m	1.6X1.2X2.4			1.7X1.3X2.6			2.0X1.5X2.9			2.2X1.7X3.2		
Weight of Machine	t	1.8			2.5			4.3			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-85TC			PRV-120TC			PRV-160TC			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
	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			140			160			180			200			220			
Screw Speed Rotation	mm	0-250			0-230			0-300			0-300			0-300			0-300			
Nozzle Out from Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45			
Clamping Force	tf	343(35)			539(55)			833(85)			1176(120)			1568(160)			1960(200)			
Clamping Stroke	mm	215			215			250			300			300			350			
Min Mould Thickness	mm	140(200)			180(240)			240(320)			280(380)			280(380)			350(450)			
Max. Opening	mm	355(415)			395(455)			490(570)			580(680)			580(680)			700(800)			
Distance Between Tie Bars	mm	420X250			470X290			520X320			580X380			680(420)			720X520			
Max Mold Size	mm	400X350			450X400			500X450			550X500			650X600			700X700			
Platen Size	mm	570X400			630X450			700X500			800X600			960X700			1060X860			
Ejector Distance	mm	40			40			40			60			60			60			
Ejector Force		17.2(1.75)			17.2(1.75)			17.2(1.75)			45(4.6)			45(4.6)			45(4.6)			
System Pressure	Mpa(kgf/cm ³)	140			140			140			140			140			140			
Oil Tank Capacity	l	120			150			200			280			350			500			
Electric Power	kw	5.5(7.5)			7.5(11)			11(15)			15(20)			18.5(25)			22.5(30)			
Heater Power	kw	3.6			5.5			6.4			10.7			13.8			16			
Dimention of Machine(LXWXH)	m	1.6X1.2X2.4			1.7X1.3X2.4			2.0X1.5X2.9			2.2X1.7X3.2			2.4X2.0X3.6			2.5X2.1X4			
Weight of Machine	t	1.8			2.5			4.3			5.6			7.8			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-200-T-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			140			160			180			200			220			
Screw Speed Rotation	mm	0-250			0-230			0-300			0-300			0-300			0-300			
Nozzle Out from Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45			
Clamping Force	tf	343(35)			539(55)			833(85)			1176(120)			1568(160)			1960(200)			
Clamping Stroke	mm	215			215			250			300			300			350			
Min Mould Thickness	mm	140(200)			180(240)			240(320)			280(380)			280(380)			350(450)			
Max. Opening	mm	355(415)			395(455)			490(570)			580(680)			580(680)			700(800)			
Distance Between Tie Bars	mm	420X250			470X290			520X320			580X380			680(420)			720X520			
Max Mold Size	mm	400X350			450X400			500X450			550X500			650X600			700X700			
Platen Size	mm	400X450			630X450			700X500			800X600			960X700			1060X860			
Ejector Distance	mm	40			40			40			60			60			60			
Ejector Force		17.2(1.75)			17.2(1.75)			17.2(1.75)			45(4.6)			45(4.6)			45(4.6)			
System Pressure	Mpa(kgf/cm ³)	140			140			140			140			140			140			
Oil Tank Capacity	l	120			150			200			280			350			500			
Electric Power	kw	5.5(7.5)			7.5(11)			11(15)			15(20)			18.5(25)			22.5(30)			
Heater Power	kw	3.6			5.5			6.4			10.7			13.8			16			
Dimention of Machine(LXWXH)	m	1.8X1.2X2.5			2X1.3X2.7			2.0X1.5X3			2.4X1.7X3.3			2.7X2.0X3.7			2.9X2.1X4.1			
Weight of Machine	t	1.9			2.7			4.6			6			8.3			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-2S			PRV-200-T-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			140			160			180			200			220		
Screw Speed Rotation	mm	0-250			0-230			0-300			0-300			0-300			0-300		
Nozzle Out from Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45		
Clamping Force	tf	343(35)			539(55)			833(85)			1176(120)			1568(160)			1960(200)		
Clamping Stroke	mm	215			215			250			300			300			350		
Min Mould Thickness	mm	140(200)			180(240)			240(320)			280(380)			280(380)			350(450)		
Max. Opening	mm	355(415)			395(455)			490(570)			580(680)			580(680)			700(800)		
Distance Between Tie Bars	mm	420X250			470X290			520X320			580X380			680(420)			720X520		
Max Mold Size	mm	400X350			450X400			500X450			550X500			650X600			700X700		
Platen Size	mm	400X800			450X900			500X1000			560X1100			650X1300			700X1500		
Ejector Distance	mm	40			40			40			60			60			60		
Ejector Force		17.2(1.75)			17.2(1.75)			17.2(1.75)			45(4.6)			45(4.6)			45(4.6)		
System Pressure	Mpa(kgf/cm ³)	140			140			140			140			140			140		
Oil Tank Capacity	l	120			150			200			280			350			500		
Electric Power	kw	5.5(7.5)			7.5(11)			11(15)			15(20)			18.5(25)			22.5(30)		
Heater Power	kw	3.6			5.5			6.4			10.7			13.8			16		
Dimention of Machine(LXWXH)	m	2.2X1X2.5			2.4X1.1X2.7			2.4X1.2X3			2.5X1.3X3.3			2.8X1.4X3.7			3X1.5X4.1		
Weight of Machine	t	2.1			2.9			4.8			6.3			8.6			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-200-T-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		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			140			160			180			200			220			
Screw Speed Rotation	mm	0-250			0-230			0-300			0-300			0-300			0-300			
Nozzle Out from Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45			
Clamping Force	tf	343(35)			539(55)			833(85)			1176(120)			1568(160)			1960(200)			
Clamping Stroke	mm	215			215			250			300			300			350			
Min Mould Thickness	mm	140(200)			180(240)			240(320)			280(380)			280(380)			350(450)			
Max. Opening	mm	355(415)			395(455)			490(570)			580(680)			680(420)			700(800)			
Max Mold Size	mm	280X280			320X320			350X350			380X380			430X430			480X480			
Disc Diameter	mm	880			980			1100			1240			1340			1500			
Ejector Distance	mm	40			40			40			60			60			60			
Ejector Force		17.2(1.75)			17.2(1.75)			17.2(1.75)			45(4.6)			45(4.6)			45(4.6)			
System Pressure	Mpa(kgf/cm ³)	140			140			140			140			140			140			
Oil Tank Capacity	l	120			150			200			280			350			500			
Electric Power	kw	5.5(7.5)			7.5(11)			11(15)			15(20)			18.5(25)			22.5(30)			
Heater Power	kw	3.6			5.5			6.4			10.7			13.8			16			
Dimention of Machine(LXWXH)	m	2X1.5X2.5			2.1X1.6X2.7			2.4X1.8X3			2.6X1.9X3.3			2.7X2.0X3.7			3X2.5X4.1			
Weight of Machine	t	2.8			3.8			6			7.8			10.5			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	30	40	35	45	40	50	45	55	50	60
Theoretical Injection Volume	cm ³	98	176	154	254	226	353	318	475	432	621
Injection Weight	gr	93	166	145	240	214	333	300	449	408	588
	oz	3.3	5.8	5	8.5	7.5	12	10.6	16	14	20
Max Injection Pressure	Mpa(kgf/cm ³)	1452	809	1390	840	1313	840	1409	944	1346	935
Injection Rate	cc/s	70	125	106	175	162	253	186	278	227	327
Injection Speed	mm/s	140		160		180		200		220	
Screw Speed Rotation	mm	0-230		0-300		0-300		0-300		0-300	
Nozzle Out from Platens	mm	≥45		≥45		≥45		≥45		≥45	
Clamping Force	tf	539(55)		833(85)		1176(120)		1568(160)		1960(200)	
Clamping Stroke	mm	215		250		300		300		350	
Min Mould Thickness	mm	180(240)		240(320)		280(380)		280(380)		350(450)	
Max. Opening	mm	395(455)		490(570)		530(630)		580(680)		700(800)	
Distance Between Tie Bars	mm	470X290		520x320		580x380		680x420		720x520	
Max Mold Size	mm	450X400		500X450		550X500		650X600		700X600	
Platen Size	mm	(450x500)x2		(500x550)x2		(560x600)x2		(650x700)x2		(700x830)x2	
Ejector Distance	mm	40		40		60		60		60	
Ejector Force		17.2(1.75)		17.2(1.75)		45(4.6)		45(4.6)		45(4.6)	
System Pressure	Mpa(kgf/cm ³)	140		140		140		140		140	
Oil Tank Capacity	l	150		200		280		350		500	
Electric Power	kw	7.5(11)		11(15)		15(20)		18.5(25)		22.5(30)	
Heater Power	kw	5.5		6.4		10.7		13.8		16	
Dimention of Machine(LXWXH)	m	2.4X1.1X2.7		2.4X1.3X3		2.5X1.3X3.3		2.8X1.4X3.7		3X1.5X4.1	
Weight of Machine	t	2.9		4.8		6.3		8.6		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	20	22	26	32	36	40	36	40	46	46	50	55
Injection Pressure	kg/cm ³	2240	1851	1325	2240	1851	1325	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			0-220			0-180			0-180			0-180		
Screw Stroke	mm	90			120			140			160			190		
Heater	kw	2.5X2			4.1X2			5.6X2			8.5X2			11.0X2		
Drive Motor	mm	5.5X2			7.5X2			11.1X2			14.9X2			18.6X2		

	Unit	PRV55VRTC2		PRV90VRTC2		PRV120VRTC2		PRV160VRTC2		PRV200VRTC2		PRV250VRTC2	
	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(25X2)		90(45X2)		120(60X2)		160(80X2)		200(100X2)		200(100X2)	
Min Mold Height	mm	215		250		300		300		400		400	
Clamping Stroke	mm	180		220		250		250		300		300	
Max Mould Space	mm	395		470		550		550		700		700	
Over All Size of Platens	mm	850X350		1050X440		1150X550		1250X660		1450X800		1450X800	
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		1170/600	
Dimention of Machine(LXWXH)	m	1.1X1.5X3.2		1.4X1.7X3.5		1.6X2.0X3.8		1.8X2.0X3.8		1.9X2.3X4.0		1.9X2.3X4.0	
Weight of Machine	t	3.8		6		7.5		10		11.5		11.5	
Oil Tank Capacity	l	260		320		400		450		500		500	



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	PRV-55-T-2S-TR		PRV-70-T-2S-TR		PRV-85-T-2S-TR		PRV-120-T-2S-TR		PRV-160-T-2S-TR		PRV-200-T-2S-TR	
Screw Diameter	mm	26	30	30	36	36	40	40	50	45	55	50	63
Injection Pressure	kg/cm ³	2071	1555	2612	1814	1814	1470	2011	1287	2001	1339	2020	1280
Injection Capacity	cm ³	64	35	99	42	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		0-160		0-186		0-155	
Screw Stroke	mm	120		140		160		175		190		210	
Nozzle Stroke	mm	150		200		200		250		250		300	
Nozzle Contact Force	tf	3.5		7.2		7.2		7.2		7.2		7.2	
Clamping System		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic	
Clamping Force	tf	55		70		85		120		160		160	
Clamping Stroke	mm	200		250		250		300		350		350	
Max Mould Space	mm	375		450		450		550		650		650	
Min Mould Height	mm	175		200		200		250		300		300	
Over All Size of Platens	mm	460X460		560x560		610x610		660x660		790x790		850x850	
Space Between Columns	mm	280X280		330x330		370x370		420x420		470x470		550x550	
Hydraulic Ejector Force	tf	1.7		3.3		3.3		3.3		4.6		5.4	
Ejector Stroke	mm	40		50		50		50		50		80	
Radio Tsui Canter Height	mm	140±25		150±25		150±25		200±25		200±25		200±25	
From the center to state rasio Tsui Min	mm	75		130		130		130		130		130	
Slidable Journey	mm	500		600		650		680		750		800	
Over all size of slipform (HXV)	mm	980X270		1100x360		1230x360		1310x420		1500x460		1600x460	
Number of Moulds	Sets	2		2		2		2		2		2	
Drive Motor	KW	7.5(10HP)		11.1(15HP)		11.1(15HP)		14.9(20HP)		18.6(25HP)		22(30HP)	
Heater Power	KW	4.0		7.5		8.3		10.5		13		15	
Machine Dimention (l X W X H)	m	3.3X1.3X2.9		4.3x1.6x3.4		4.3x1.7x3.4		4.5x1.8x3.5		4.8x1.9x3.6		5.0x2.0x3.7	
Machine Weight	t	4.2		6.6		7.4		8.3		11		13	
Oil Tank Capacity	l	220		340		340		450		550		650	
Cooling Water	l	800-1000		1000x1300		1200x1500		1400x1600		1600x2000		1800x2100	



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)

INJECTION UNIT	UNIT	PRVS-35T			PRVS-55T			PRVS-85T			PRVS-120T		
		T	2S	2R	T	2S	2R	T	2S	2R	T	2S	2R
Screw Diameter	mm	26	26	32	32	36	40	38	45	50	45	50	55
Injection Pressure	kg/cm3	2071	2071	1367	1807	1427	1156	1628	1167	950	1588	1287	1063
Injection Capacity	cm3	64	64	96	104	132	163	181	254	314	278	343	415
Injection Weight	gr	57	57	87	94	119	146	163	228	282	250	309	374
	oz	2	2	3	3.3	4.1	5.1	5.7	8	9.6	8.8	10.8	13.1
Injection Rate	cc/s	44	44	67	63	80	98	90	127	158	122	154	182
Screw Speed	r.p.m.	0-180			0-180			0-180			0-160		
Screw Stroke	mm	120			130			160			175		
Nozzle Stroke	mm	150			150			200			250		
Clamping System		Hydraulic			Hydraulic			Hydraulic			Hydraulic		
Clamping Force	tf	35			55			85			120		
Clamping Stroke	mm	200			200			270			300		
Max Mould Space	mm	375			375			450			500		
Min Mould Height	mm	175			175			180			200		
Over All Size of Platens	mm	420X220			480X280			580X380			650x420		
Hydraulic Ejector Force	tf	1.7			1.7			2.7			2.7		
Ejector Stroke	mm	40			40			40			40		
Radio Tsui Canter Height	mm	111-165			111-165			125-175			125-175		
From the center to state rasio Tsui Min	mm	75			75			125			125		
Table Diameter	mm	750			856			945			1060		
Table Rotation Angle	Degree	180			180			180			180		
Max Mould Dimensions	mm	350X150			400X200			450x240			500x290		
Slidable Journey	mm	450			500			600			650		
Over all size of slipform (HXV)	mm	870X240			980X280			1180x380			1290x290		
Number of Moulds	Sets	2			2			2			2		
Drive Motor	KW	5.5(7.5HP)			7.5(10HP)			11(15HP)			15(20HP)		
Heater Power	KW	4.1			5.1			7.6			9.5		
Machine Dimention (I X W X H)	m	2.5X1.4X2.4			2.6X1.4X2.45			2.9X1.5X2.6			3.0X2.0X3.0		
Machine Weight	t	3.5			4.5			7			8.2		
Oil Tank Capacity	l	160			220			260			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.



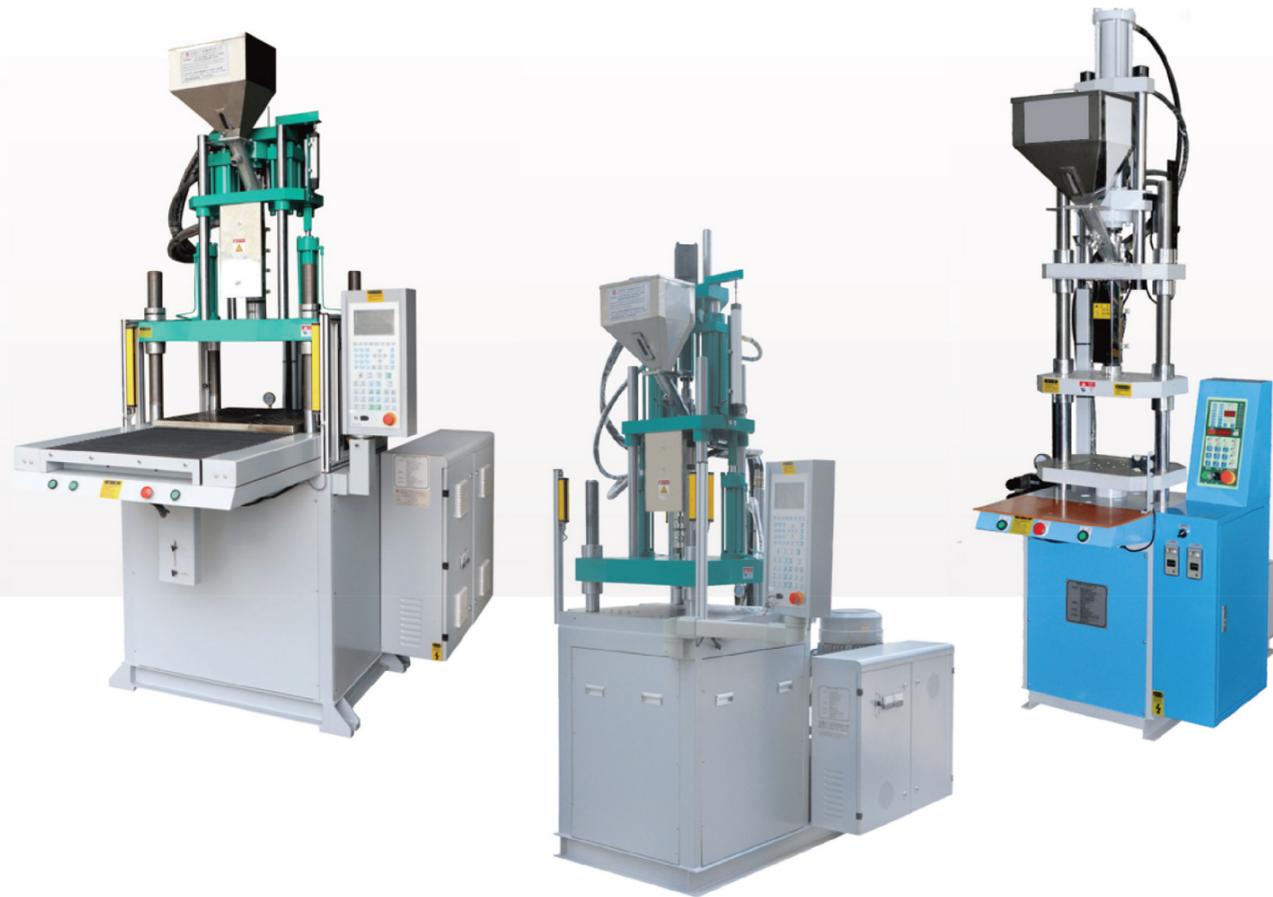
Thermosetting Plastics Plastic BMC Injection Molding Machine Series



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

INJECTION UNIT	UNIT	PRV-20T-ZH			PRV-25T-ZH			PRV-55T-ZH			PRV-85T-ZH			PRV-120T-ZH			PRV-160T-ZH			PRV-200T-ZH		
Screw Diameter	mm	22	26	28	28	30	32	38	32	45	38	42	32	36	40	32	40	45	32	50	55	32
Theoretical Injection Volume	cm ³	36	50	58	67	77	88	340	415	476	180	220	88	183	226	88	251	318	88	471	570	88
Injection Weight	gr	33	46	54	62	71	88	312	382	438	170	208	88	173	213	88	238	300	88	445	538	88
	oz	1.2	1.6	1.9	2.2	2.5	2.8	11	13	15	6	7.4	2.8	6.1	7.5	2.8	8.4	10.6	2.8	16	19	2.8
Max Injection Pressure	Mpa(kgf/cm ²)	1627	1142	1004	1142	995	875	1177	964	840	1453	1189	875	2202	1783	875	2104	1663	875	2150	1777	875
Injection Rate	cm ³ /s	28	39	46	54	62	71	77	95	109	183	224	71	156	193	71	147	186	71	227	275	71
Injection Speed	mm/s	95			110			300			160			180			200			220		
Screw Speed Rotation	r.p.m	0-250			0-250			0-300			0-300			0-300			0-300			0-300		
Nozzle Out from Platens	mm	45			45			45			45			45			45			45		
Clamping Force	KN(tf)	196(20)			245(25)			539(55)			833(85)			1176(120)			1568(160)			1960(200)		
Clamping Stroke	mm	250			215			215			250			300			300			350		
Min Mould Thickness	mm	120(240)			120(200)			200(400)			240(320)			280(380)			280(380)			350(450)		
Max. Opening	mm	370(490)			335(415)			415(615)			490(570)			580(680)			580(680)			700(800)		
Distance Between Tie Bars	mm	340X340			430X360			500X600			520x320			580x380			680x420			720x420		
Max Mold Size	mm	330X330			500X420			660X490			500X450			550X500			650x600			700x700		
System Pressure	Mpa(kgf/cm ²)	140			140			140			140			140			140			140		
Oil Tank Capacity	l	60			100			160			200			280			350			500		
Electric Power	kw	2.2(3)			4(5.5)			7.5(11)			11(15)			15(20)			18.5(25)			22.5(30)		
Heater Power	kw	2			2.3			4.5			6.4			10.7			13.8			16		
Dimension of Machine(LXWXH)	m	1.4X1.1X1.2			1.6X1.3X2.3			1.4X1.1X1.2			2.0X1.5X2.9			2.2X1.7X3.2			2.4X2.0X3.6			2.5X2.1X4		
Weight of Machine	t	0.65			1.2			0.65			4.3			5.6			7.8			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	
		ø22	ø28	ø26	ø30	ø28	ø32
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 sections: temperature controls, speed controls and back pressure control. Suits components of precise parting.
- The fast locking mould system with low pressure closing locks the mould exceptionally safe. After the mould is locked, it 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 fittings 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 has 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
	m	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			
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