



www.swiftauxi.com



Vertical Injection Molding Machine
& Plastic Auxiliaries



Quality-Innovation Appreciated by Industry Alignment

We have accumulated rich experience so as to create today's strength.

Swift Auxi Technik Pvt. Ltd. is a manufacturer specializing in making vertical plastic injection molding machines. The company was established in April 1998. Since then, with thirty years of rich experience in manufacturing and keen observation of market trends, our products have possessed the features of high accuracy, easy maintenance and conformity to the trend of times.

We make every endeavor to fully cooperate with customers, and actively develop new models. Swift Auxi Technik Pvt. Ltd. machines are made to follow customers' actual needs in terms of design and manufacture. By the request of customers, we can make integral planning, design and manufacture of vertical professional injection molding machine and the peripheral installation.

Operational Idea

Swift Auxi Technik Pvt. Ltd. is committed to offering quality, technology and service in profession. In an endless effort, we will promote automation, and aggressively stride toward the way to make customised machinery design. We insist on being the most trusted partners in industry.

In the future, we will be committed to the development of automatic machines in the market, focusing on design and manufacture of special machines. We hope we may be able to provide even more broad and professional service to our customers in the manufacture of professional vertical plastic injection machines.

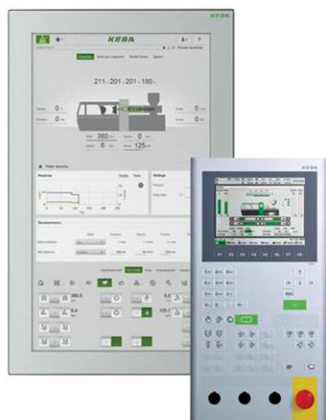
Quality Certification

The R & D is our advantage for a better quality

The R & D capabilities have been Swift's advantage. The company constantly works together with our customers to do research and innovation, and strive to design vertical plastic injection machines in high quality and precision as well as easy maintenance. We aim to assist our customers in making the best injection products.

Being environmentally friendly is our emphasis; certification ensures good reputation

Being environmentally friendly is our emphasis; certification ensures good reputation. Swift company would reduce costs, and improve efficiency to achieve the production goal. The company also pays much attention to work safety. We act diligently with an environmentally friendly concept and first class quality control policies, enabling Swift to obtain some certifications, such as ISO, CE, QS and others. Consequently, such excellent quality assurances have led Swift to be greatly trusted by customers. Furthermore, a great number of faithful customers come from every corner of the world. Vertical plastic injection machine therefore have been sold to the world market.



Controls

- Dedicated Microprocessor based control with self diagnostics.
- Direct accessible menu keys.
- Timer precision of 0.01 seconds.
- Accurate control with PID and SSR to provide stable nozzle & barrel temperature.
- 8.7" backlit LCD screen.
- 120 mould data storage.
- Alarm history with date & time.
- Digital I/O diagnostics screen.
- Equipped with USB & SD card facility for data transfer, reprogramming,
- Storage & Analysis purpose.

Our Partners



















**Serving the entire gamut of
plastics applications**

- Automotive
- House Ware
- Furniture
- Packaging
- Medical
- White Goods
- Electrical, Electronics & Telecommunication
- Consumer Goods & Industrial Components
- Construction
- And many more...

PLASTIC AUXILIARY EQUIPMENTS



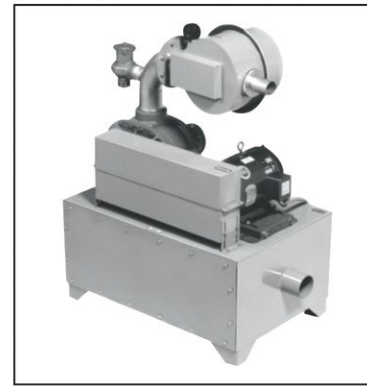
Hot Air Dryer (SEHD Series)



Hopper Loader



Powder Loader



Positive Displacement Pumps



Water Chiller (Air Cooled)



Mould Temperature Controller



Screw Doser



Gravimetric Blender



Grinder



S2T-V SERIES

VERTICAL CLAMPING VERTICAL
SCREW TYPE INJECTION



Specifications

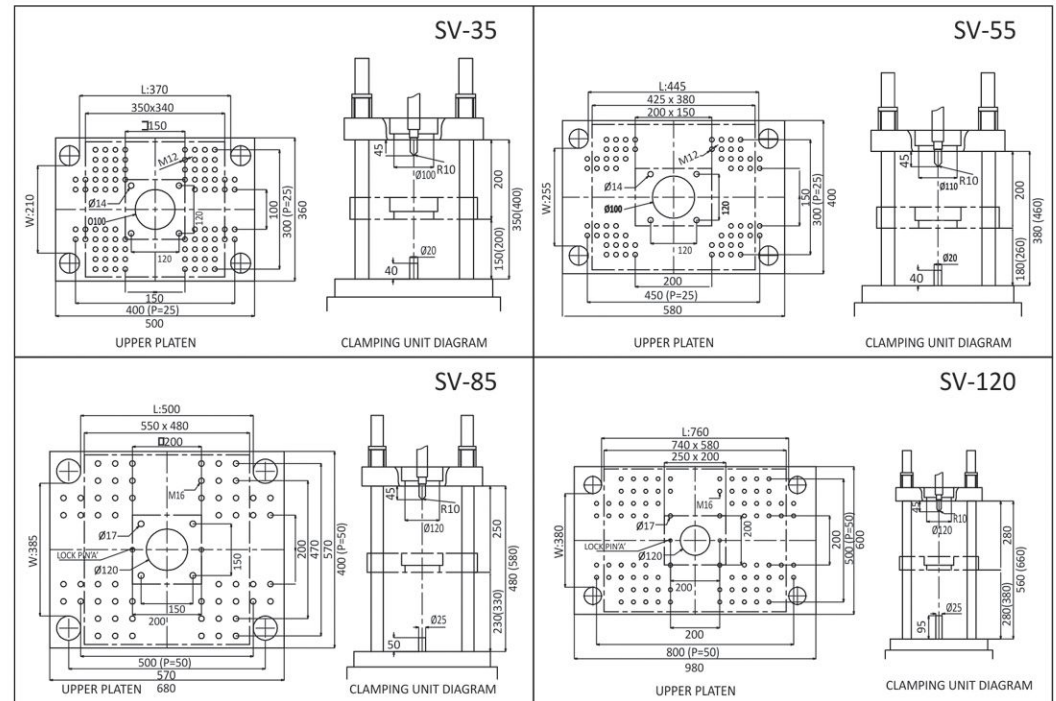
Salient Features

- Two-column/vertical clamping, vertical injection.
- Rectangular shape between tie bars for easy insert.
- Twin injection cylinder balanced for smooth and powerful injection.
- Simple structure, small occupancy.
- Double action clamping cylinder for fast clamping, slow speed high pressure clamping.

MODEL	UNITS	S2T-V-15		S2T-V-20		S2T-V-25		S2T-V-35		S2T-V-45	
INJECTION UNIT											
Screw Diameter	mm	Ø22	Ø26	Ø22	Ø28	Ø22	Ø30	Ø26	Ø34	Ø28	Ø36
Injection Pressure	kgf / cm2	1625	1164	1625	1164	2089	1367	2071	2321	2321	1404
Theoretical Injection Volume	cm3	34	47	34	65	36	86	64	103	80	132
Max. Injection Weight (P.S)	gr	39	55	39	63	32	78	57	98	72	119
Injection Rate	cm3 / sec	28	39	28	45	33	67	44	75	47	78
Injection Stroh	mm	110		110		125		125		140	
Screw Rotation Speed	RPM	0-215		0-215		0-215		0-215		0-215	
Nozzle Contact Force	tf	-		4.5		4.5		4.5		4.5	
Nozzle Stroke	mm	-		150		170		190		210	
No.of temperature Control		2		2		3		3		4	
CLAMPING UNIT											
Clamping Force	mm	35		20		25		35		45	
Platen Size	mm	450 x 250		460 x 330		500 x 340		600 x 340		620 x 380	
Distance Between tie-Bars	mm	280		310 x 130		360x200		450 x 240		460 x 280	
Max Mold Size	mm	-		-		-		350 x 350		-	
Min Mold Thickness	mm	100/40		100/40		140/80		180/120		180/100	
Die open stroke	mm	190		190		215		215		200	
Max. Open Daylight	mm	290/230		290/230		355/295		395/335		380/300	
Ejection Force	tf	1.3		1.3		1.7		1.7		1.7	
HYDRAULIC POWER SYSTEM											
Ejection Stroke	mm	35		35		35		35		35	
Max. Hydraulic pressure	kg / cm2	140		140		140		140		140	
Oil Resservoir Capacity	L	75		80		100		120		150	
Cooling Water Consumption	L	400 - 600		400 - 600		500 - 700		600 - 800		800 - 1000	
Pump Motor Power	Kw(hp)	2.2 (3hp)		2.2 (3hp)		3.5 (5hp)		5.5 (7.5hp)		7.5 (10hp)	
Heating Power	Kw	2		2		2.4		2.4		4.5	
OTHER											
Slipform U Total Wattagenit	Kw	4.2		4.2		5.9		8.4		1.2	
Total Weight	T	0.6		0.8		11.5		11.8		2.5	
Dimension of Machine (L x W x H)	Mtr	1.15 x 0.75 x 2.15		1.2 x 0.75 x 2.15		1.2 x 0.8 x 2.3		1.4 x 0.9 x 2.15		1.8 x 1.2 x 2.85	

SV SERIES

VERTICAL CLAMPING VERTICAL SCREW TYPE INJECTION





Salient Features

- Four-column/vertical clamping, vertical injection.
- Rectangular shape between tie bars for easy insert.
- Twin injection cylinder balanced for smooth and powerful injection.
- Simple structure, small occupancy.
- Double action clamping cylinder for fast clamping, slow speed high pressure clamping.

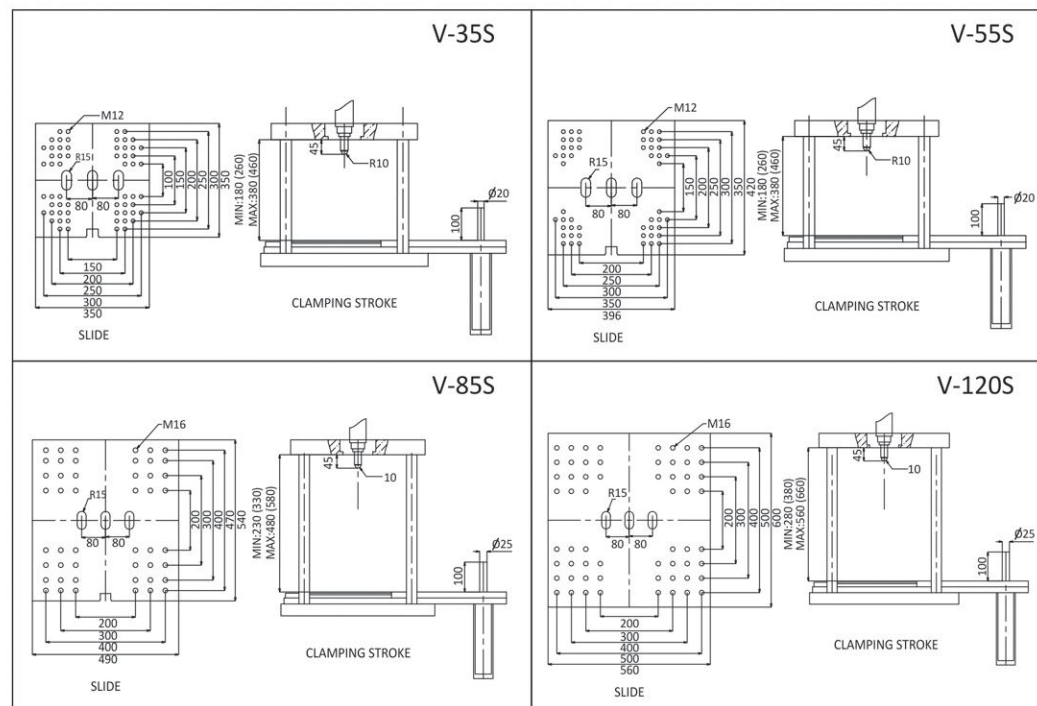
Specifications

MODEL	UNITS	SV-35			SV-55			SV-85			SV-120			SV-160			SV-200		
INJECTION UNIT																			
Screw Diameter	mm	Ø22	Ø25	Ø28	Ø28	Ø32	Ø36	Ø32	Ø36	Ø40	Ø36	Ø40	Ø45	Ø45	Ø50	Ø55	Ø55	Ø60	Ø70
Injection Pressure	kgf / cm2	2530	1960	1563	2170	1661	1492	2331	1842	1492	2268	1838	1452	2226	1803	1490	2406	2022	1486
Theoretical Injection Volume	cm3	53	68.8	86	86	112.5	142	113	142	176	162	201	254	318	393	475	570	678	923
Max. Injection Weight (P.S)	gr	49	63.8	80	80	104	132	105	132	164	151	187	236	296	365	442	530	630	858
Injection Rate	cm3 / sec	44	57	71	63	83	105	86	109	134	114	140	178	178	220	266	214	254	346
Injection Speed	mm/s	116 (186)			103 (149)			107 (138)			112 (172)			112 (121)			90 (110)		
Screw Rotation Speed	RPM	0 - 300			0 - 240			0 - 300			0 - 300			0 - 300			0 - 220		
Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45		
CLAMPING UNIT																			
Clamping Force	tf	35			55			85			120			160			200		
Clamping Stroke	mm	200			200			250			280			300			350		
Min Mold Thickness	mm	150 (200)			180 (260)			230 (330)			280 (380)			300 (400)			350 (450)		
Max. opening	mm	350 (400)			380 (460)			480 (580)			560 (660)			600 (700)			700 (800)		
Distance Between tie-Bars	mm	370 x 210			445 x 255			500 x 385			760 x 380			860 x 420			910 x 450		
Max Mold Size (L x W)	mm	350 x 340			425 x 380			550 x 480			740 x 580			840 x 710			890 x 770		
Ejection Stroke	mm	40			40			50			95			95			110		
Ejection Force	tf	1.75			1.75			2.7			4.6			4.6			4.6		
System pressure	kg / cm2	140			140			140			140			140			140		
Oil Resservoir Capacity	L	130			140			280			340			500			620		
Pump Motor Power	Kw(hp)	5.5 (7.5)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40.2)		
Heating Power	Kw	3.6			5.5			6.4			10.7			13.8			20.2		
OTHER																			
Total Wattage	Kw	9.1			13			21.4			29.2			26.3			50.2		
Total Weight	T	1.3			1.6			3.0			5.5			6.9			11.0		
Dimension of Machine (L x W x H)	Mtr	1.5 x 1.1 x 2.8			1.6 x 1.1 x 3.4			1.9 x 1.4 x 3.3			2 x 1.7 x 3.9			2.3 x 1.9 x 4.4			2.4 x 2 x 5.3		



SV-SS SERIES

SINGLE STATION SLIDE TYPE VERTICAL INJECTION MOULDING MACHINE





Salient Features

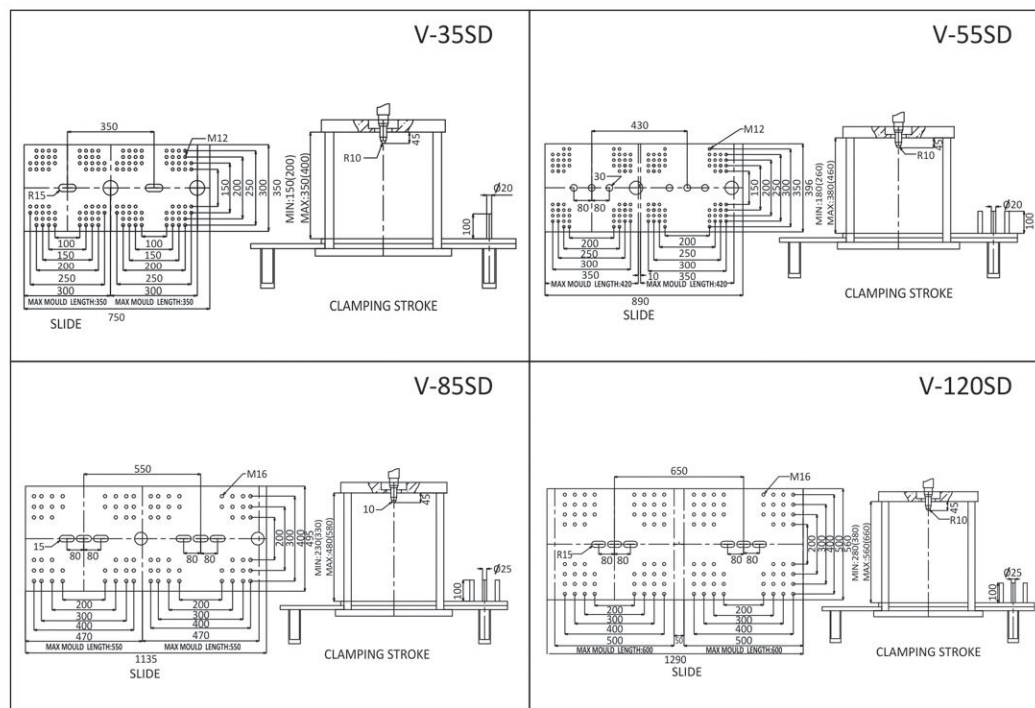
- Vertical four-column vertical clamping, with vertical injection.
- The square pillar design comes with large mold size. The space within the column allows customers to install devices of automatic embedding and removing products. This allows automation for the whole machinery.
- Big L / D ratio of screw, plasticizing evenly, suitable for injection molding of engineering plastics.
- 1S single slide: After mold opening, the lower mold will auto- matically slip in front of the operator for facilitating embedded molding operation.

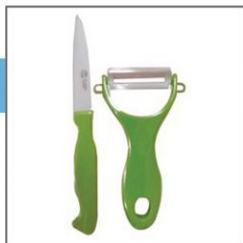
Specifications

MODEL	UNITS	SV-35 SS			SV-55 SS			SV-85 SS			SV-120 SS			SV-160 SS			SV-200 SS		
INJECTION UNIT																			
Screw Diameter	mm	Ø22	Ø25	Ø28	Ø28	Ø32	Ø36	Ø32	Ø36	Ø40	Ø36	Ø40	Ø45	Ø45	Ø50	Ø55	Ø55	Ø60	Ø70
Injection Pressure	kgf / cm2	2530	1960	1563	2170	1661	1492	2331	1842	1492	2268	1838	1452	2226	1803	1490	2406	2022	1486
Theoretical Injection Volume	cm3	53	68.8	86	86	112.5	142	113	142	176	162	201	254	318	393	475	570	678	923
Max. Injection Weight (P.S)	gr	49	63.8	80	80	104	132	105	132	164	151	187	236	296	365	442	530	630	858
Injection Rate	cm3 / sec	44	57	71	63	83	105	86	109	134	114	140	178	178	220	266	214	254	346
Injection Speed	mm/s	116 (186)			103 (149)			107 (138)			112 (172)			112 (121)			90 (110)		
Screw Rotation Speed	RPM	0 - 300			0 - 240			0 - 300			0 - 300			0 - 300			0 - 220		
Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45		
CLAMPING UNIT																			
Clamping Force	tf	35			55			85			120			160			200		
Clamping Stroke	mm	200			200			250			280			300			350		
Min Mold Thickness	mm	150 (200)			180 (260)			230 (330)			280 (380)			300 (400)			350 (450)		
Max. opening	mm	350 (400)			380 (460)			480 (580)			560 (660)			600 (700)			700 (800)		
Distance Between tie-Bars	mm	370 x 210			445 x 255			500 x 385			760 x 380			860 x 420			910 x 450		
Max Mold Size (L x W)	mm	340 x 330			380 x 376			550 x 470			580 x 540			710 x 630			770 x 680		
Ejection Stroke	mm	100			100			100			100			125			150		
Ejection Force	tf	2.2			2.2			2.7			4.6			4.6			4.6		
System pressure	kg / cm2	140			140			140			140			140			140		
Oil Resservoir Capacity	L	130			140			280			340			500			620		
Pump Motor Power	Kw(hp)	5.5 (7.5)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40.2)		
Heating Power	Kw	3.6			5.5			6.4			10.7			13.8			20.2		
OTHER																			
Total Wattage	Kw	9.1			13			21.4			29.2			26.3			50.2		
Total Weight	T	1.4			1.7			3.3			6			8.1			12.3		
Dimension of Machine (L x W x H)	Mtr	1.6 x 1.1 x 2.8			1.6 x 1.1 x 3.1			2.1 x 1.4 x 3.4			2.3 x 1.7 x 4			2.6 x 1.9 x 4.5			2.8 x 2 x 5.4		



DOUBLE STATION RIGHT ANGLE SV-DS SERIES VERTICAL SCREW TYPE INJECTION MOULDING MACHINE





Salient Features

- Double sliding use two lower mold, machine molding the parts while the operator is loading the other mold, to increase productivity.
- The platen uses self-lubricated axles which require no further lubrication, for smooth, easy movement and super-long useful life.
- Centre hydraulic ejector.
- Fully Microprocessor controller.

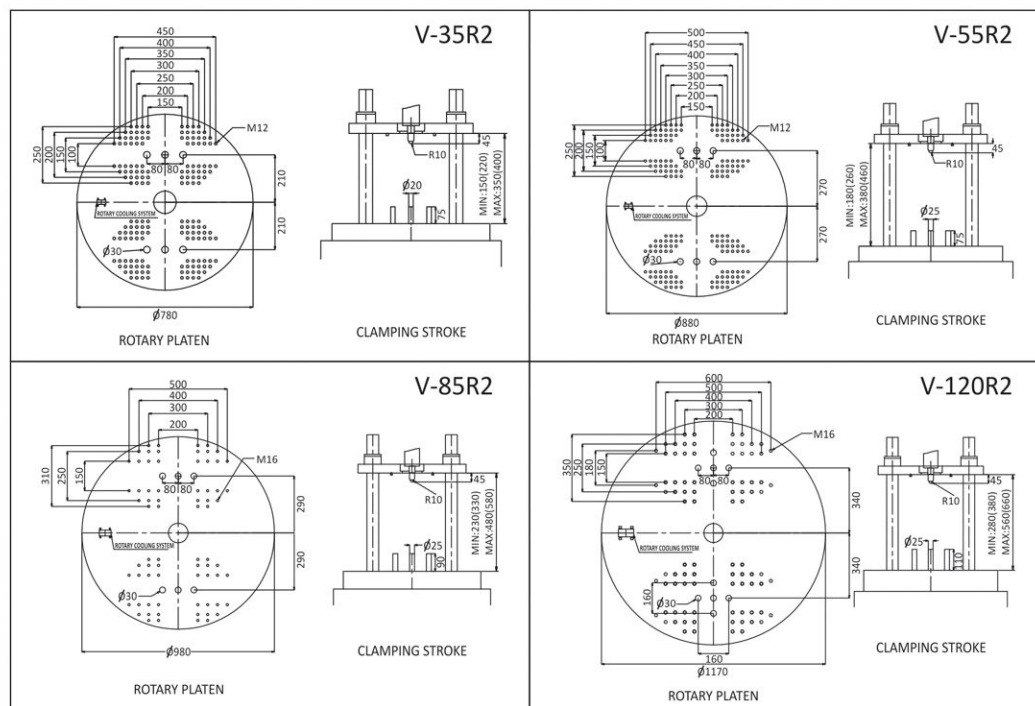
Specifications

MODEL	UNITS	SV-35 DS			SV-55 DS			SV-85 DS			SV-120 DS			SV-160 DS			SV-200 DS		
INJECTION UNIT																			
Screw Diameter	mm	Ø22	Ø25	Ø28	Ø28	Ø32	Ø36	Ø32	Ø36	Ø40	Ø36	Ø40	Ø45	Ø45	Ø50	Ø55	Ø55	Ø60	Ø70
Injection Pressure	kgf / cm2	2530	1960	1563	2170	1661	1492	2331	1842	1492	2268	1838	1452	2226	1803	1490	2406	2022	1486
Theoretical Injection Volume	cm3	53	68.8	86	86	112.5	142	113	142	176	162	201	254	318	393	475	570	678	923
Max. Injection Weight (P.S)	gr	49	63.8	80	80	104	132	105	132	164	151	187	236	296	365	442	530	630	858
Injection Rate	cm3 / sec	44	57	71	63	83	105	86	109	134	114	140	178	178	220	266	214	254	346
Injection Speed	mm/s	116 (186)			103 (149)			107 (138)			112 (172)			112 (121)			90 (110)		
Screw Rotation Speed	RPM	0 - 300			0 - 240			0 - 300			0 - 300			0 - 300			0 - 220		
Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45		
CLAMPING UNIT																			
Clamping Force	tf	35			55			85			120			160			200		
Clamping Stroke	mm	200			200			250			280			300			350		
Min Mold Thickness	mm	150 (200)			180 (260)			230 (330)			280 (380)			300 (400)			350 (450)		
Max. opening	mm	350 (400)			380 (460)			480 (580)			560 (660)			600 (700)			700 (800)		
Distance Between tie-Bars	mm	370 x 210			445 x 255			500 x 385			760 x 380			860 x 420			910 x 450		
Max Mold Size (L x W)	mm	340 x 330			380 x 376			550 x 475			580 x 540			640 x 630			730 x 710		
Ejection Stroke	mm	100			100			100			100			125			150		
Ejection Force	tf	2.2			2.2			2.7			4.6			4.6			4.6		
System pressure	kg / cm2	140			140			140			140			140			140		
Oil Resservoir Capacity	L	160			180			280			340			500			620		
Pump Motor Power	Kw(hp)	5.5 (7.5)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40.2)		
Heating Power	Kw	3.6			5.5			6.4			10.7			13.8			20.2		
OTHER																			
Total Wattage	Kw	9.1			13			21.4			29.2			26.3			50.2		
Total Weight	T	1.4			1.7			3.3			6			8.1			12.3		
Dimension of Machine (L x W x H)	Mtr	1.6 x 1.1 x 2.9			1.6 x 1.1 x 3.1			2.1 x 1.4 x 3.4			2.3 x 1.7 x 4			2.6 x 2.1 x 4.6			2.8 x 2 x 5.4		



SV-R SERIES

ROTARY TYPE VERTICAL INJECTION MOULDING MACHINE





Specifications

Salient Features

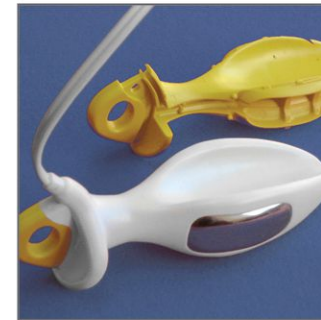
- Vertical clamping with vertical injection.
- Rotary table oscillate 180°, rotate back / forth for easy loading and finished parts pick out, to increase productivity.
- Rotary table with location pin, accurate positioning for mold alignment and automation. Robot interface capability for complete automation.
- Standardized with 2-station function, and capable for 3-station or 4-station function & automation linkup for advanced efficiency.
- Standardized with 3-columns clamp, and available for 4-columns clamping up on request.

MODEL	UNITS	SV-35 R2			SV-55 R2			SV-85 R2			SV-120 R2			SV-160 R2			SV-200 R2		
INJECTION UNIT																			
Screw Diameter	mm	ø22	ø25	ø28	ø28	ø32	ø36	ø32	ø36	ø40	ø36	ø40	ø45	ø45	ø50	ø55	ø55	ø60	ø70
Injection Pressure	kgf / cm2	2530	1960	1563	2170	1661	1492	2331	1842	1492	2268	1838	1452	2226	1803	1490	2406	2022	1486
Theoretical Injection Volume	cm3	53	68.8	86	86	112.5	142	113	142	176	162	201	254	318	393	475	570	678	923
Max. Injection Weight (P.S)	gr	49	63.8	80	80	104	132	105	132	164	151	187	236	296	365	442	530	630	858
Injection Rate	cm3 / sec	44	57	71	63	83	105	86	109	134	114	140	178	178	220	266	214	254	346
Injection Speed	mm/s	116 (186)			103 (149)			107 (138)			112 (172)			112 (121)			90 (110)		
Screw Rotation Speed	RPM	0 - 300			0 - 240			0 - 300			0 - 300			0 - 300			0 - 220		
Nozzle Out From Platens	mm	≥45			≥45			≥45			≥45			≥45			≥45		
CLAMPING UNIT																			
Clamping Force	tf	35			55			85			120			160			200		
Clamping Stroke	mm	200			200			250			280			300			350		
Min Mold Thickness	mm	150 (200)			180 (260)			230 (330)			280 (380)			300 (400)			350 (450)		
Max. opening	mm	350 (400)			380 (460)			480 (580)			560 (660)			600 (700)			700 (800)		
Rotary Plate Diameter	mm	ø780			ø880			ø980			ø1170			ø1360			ø1590		
Max Mold Size (L x W)	mm	280 x 280			300 x 300			340 x 340			400 x 400			500 x 500			590 x 590		
Ejection Stroke	mm	100			100			100			100			125			150		
Ejection Force	tf	2.2			2.2			2.7			4.6			4.6			4.6		
System pressure	kg / cm2	140			140			140			140			140			140		
Oil Resservoir Capacity	L	160			180			280			340			500			620		
Pump Motor Power	Kw(hp)	7.5 (10)			11 (15)			15 (20)			18.5 (25)			22.5 (30)			37.5(50)		
Heating Power	Kw	3.6			5.5			6.4			10.7			13.8			20.2		
OTHER																			
Total Wattage	Kw	11.1			15.5			21.4			29.2			26.3			57.7		
Total Weight	T	2.1			2.6			4.2			6.4			9.4			14		
Dimension of Machine (L x W x H)	Mtr	1.8 x 1.5 x 1.8			1.7 x 1.5 x 3.2			2.1 x 1.7x 3.5			2.4 x 1.9 x 4			2.6 x 2.1 x 4.6			3.1 x 2.4 x 5.4		



SV-R-2C SERIES

TWO COLOR ROTARY
TYPE VERTICAL INJECTION
MOULDING MACHINE



Specifications

MODEL	UNITS	SV-120 R2-2C		SV-120 R3-2C		SV-170 R2-2C		SV-170R3-2C		SV-250R3-2C		SV-500R3-2C	
INJECTION UNIT													
Option Injection System		1	2	1	2	1	2	1	2	1	2	1	2
		A, B	SV, A, B	A, B	SV, A, B	B, C	SV, B, C	B, C	SV, B, C	C,D,E	SV, C, D, E	E, F	E, F
Clamping Force	tf	120		120		170		170		250		500	
Clamping Stroke	mm	280		280		300		300		400		500	
Min Mold Thickness	mm	250 (350)		250 (350)		280 (380)		280 (380)		300 (400)		400 (500)	
Max. opening	mm	530 (630)		530 (630)		580 (680)		580 (680)		700 (800)		900 (1000)	
Rotary Plate Diameter	mm	Ø980		Ø980		Ø1170		Ø1170		Ø1360		Ø1800	
Ejection Stroke	mm	50		50		90		90		150		250	
Ejection Force	tf	1.75		1.75		2.7		2.7		4.6		11	
System pressure	kgf/cm2	140		140		140		140		140		175	
OTHER													
Oil Resservoir Capacity	L	780		780		860		860		880		1400	
Pump Motor Power	mm	11+11		11+11		15+15		15+15		18.5+18.5		30+37	
Dimension of Machine	mm	2270 x 2065 x 3570		2270 x 2065 x 3570		2411 x 2270 x 3855		2411 x 2270 x 3855		3525 x 2455 x 4564		4155 x 3155 x 6025	
Total Weight	tf	7.0		7.0		9.1		9.1		17.4		34.8	

Specifications

MODEL		UNITS	SP			A			B			C			D			E		F						
INJECTION UNIT																										
Screw Diameter			Ø18	Ø20	Ø22	Ø22	Ø25	Ø28	Ø28	Ø32	Ø36	Ø32	Ø36	Ø40	Ø20	Ø40	Ø45	Ø45	Ø55	Ø55	Ø75					
Theoretical Injection Volume		cm3	25.4	31.4	38	52	67	84	84	110	139	113	142	176	31.4	201	254	318	475	570	923					
Max. Injection Weight (P.S)		g	23.6	29.2	35	48.4	62.3	78	78	102	129	105	132	164	29.2	187	236	294	442	530	858					
Injection Speed	Main Inj.unit	Mm/s				SV-120R-2C			SV120R-2C		SV170R-2C		SV170R-2C		SV-250R-2C		SV-250R-2C		SV-250R-2C		SV-500R-2C		SV-250R-2C		SV-500R-2C	
		Mm/s				152			109		149		107		152		124		81		132		81		82	
	Side Inj.unit	Mm/s	SV-120R-2C	SV-120R-2C	SV-120R-2C	SV-120R-2C			SV120R-2C		SV170R-2C		SV170R-2C		SV-250R-2C		SV-250R-2C		SV-250R-2C		SV-500R-2C		SV-250R-2C		SV-500R-2C	
		Mm/s	223	305	400	152			109		149		104		140		114		75		112		69			
Injection Pressure		kgf/cm2	2592	2100	1735	2530	1960	1563	2170	1661	1312	2331	1842	1492	2268	1838	1452	226	1490	2406	1486					
Screw Rotation Speed		RPM	0-300			0-300			0-240			0-300			0-300			0-300			0-220					
Nozzle Out From Platens		mm	≥45			≥45			≥45			≥45			≥45			≥45			≥45					
Heating Power		Kw	2.4			3.6			5.5			6.4			10.7			13.8			20.2					

WORLD WIDE INSTALLATION



Note : Due to continuous improvement , Specifications are subject to change without prior notice.



SWIFT AUXI TECHNIK PVT. LTD.

Mfg. : Vertical Injection Molding Machine & Plastic Auxiliaries

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