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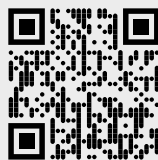
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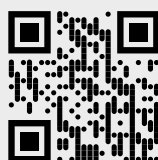
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SWIFT AUXI TECHNIK PVT. LTD.

VERTICAL INJECTION MOULDING MACHINE CATALOGUE





ABOUT US

We manufacture machines that are designed according to the needs of industry. we are INDIAN company designing and manufacturing best in class machines in India for world.

We manufacture vertical injection moulding machines designed and manufactured in INDIA for the world, we aim to deliver the machines that are specifically designed according to the needs of the industry and customers, we provide multiple customization and options so that our customers can have machines that suit their application the best.

We design and manufacture every component of the machine in-house to make sure that it meets our quality standards, we also develop the software for machine in-house to make it easy to understand and operate.

We take pride in our machines and our craftsmanship, to achieve this level of craftsmanship and quality of machines we had to keep on innovating, and after 4 generations of machines we are improving our technology at a class leading pace.



SWIFT AUXI TECHNIK PVT. LTD.

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MATERIAL DETAILS

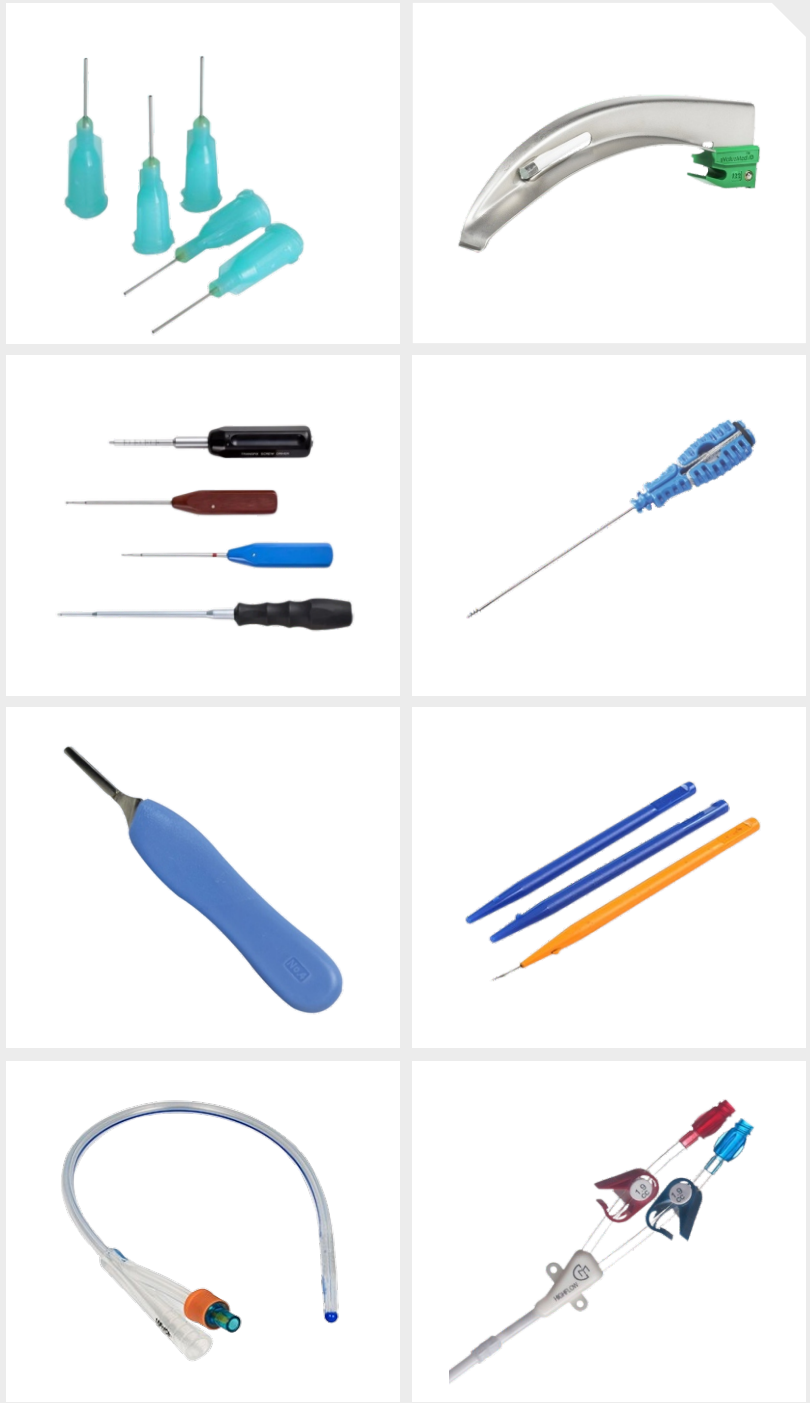
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SAMPLES.

AUTOMOBILE COMPONENTS

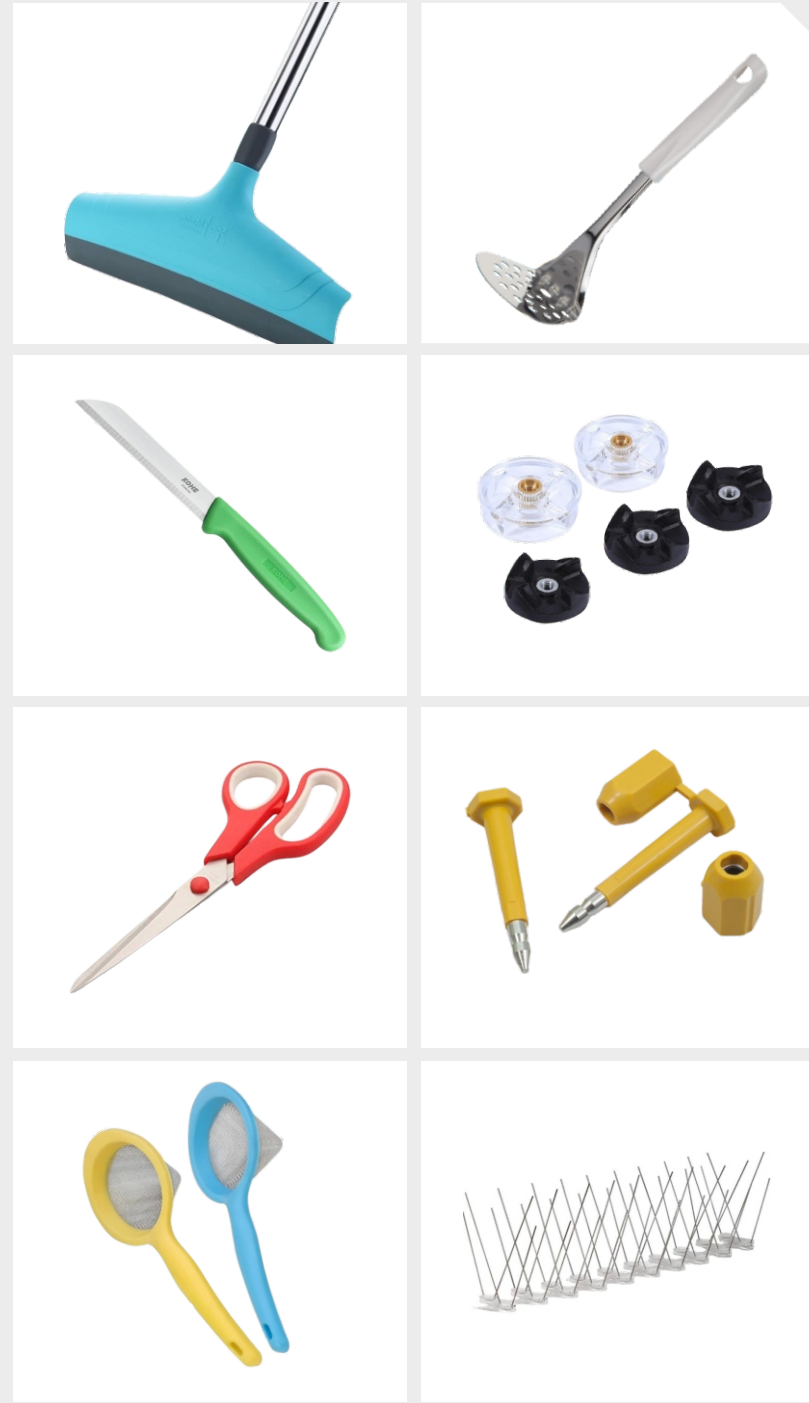


MDEICAL COMPONENTS



SAMPLES.

AUTOMOBILE COMPONENTS



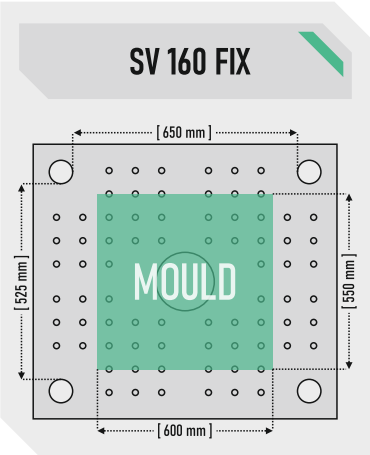
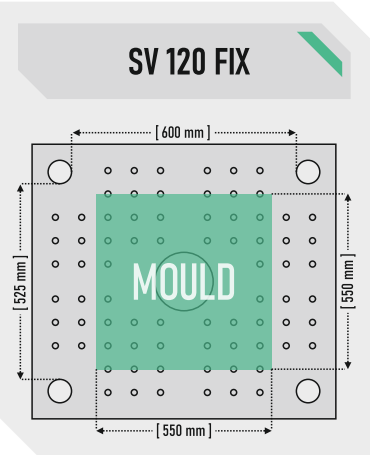
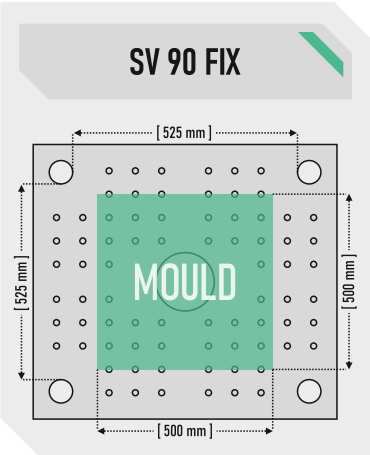
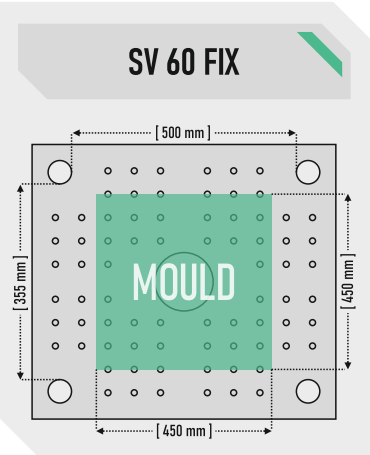
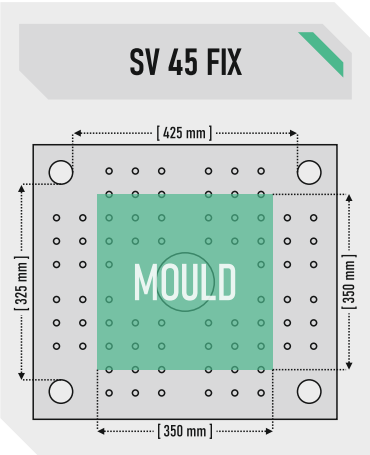
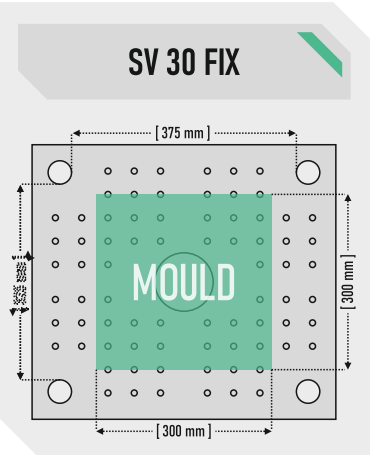
MDEICAL COMPONENTS



SV FIX - SERIES



FIX TYPE VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV 30 FIX			SV 45 FIX			SV 60 FIX			SV 90 FIX			SV 120 FIX			SV 160 FIX			SV 200 FIX			SV 240 FIX		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	130			150			100			88			88			131			155			155		
INJECTION STROKE	mm	125			125			145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40			40			40		
CLAMPING FORCE	tf	30			45			60			90			120			160			200			240		
CLAMPING STROKE	mm	200			250			270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	360 (435)			410 (485)			430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	375 x 325			425 x 325			500 x 355			525 x 525			600 x 525			650 x 525			700 x 550			700 x 600		
MAX MOULD SIZE (LxW)	mm	300 x 300			350 x 350			450 x 450			500 x 500			550 x 550			600 x 550			700 x 550			700 x 550		
EJECTOR STROKE	mm	40			40			40			40			40			40			40			40		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			140			140			160			160		
OIL TANK CAPACITY	liters	210			225			250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	10.1	10.1	11.4	14.2	14.2	14.2	14.2	14.2	15.1	23.7	23.7	23.7	27	27	27.8	30.7	31.6	32.4	40.1	41.2	42.4	40.1	41.2	42.4
TOTAL WEIGHT	ton	1.4			2.0			2.5			3.7			5.4			6.7			8.1			8.1		
MACHINE DIMENSION (LxWxH)	mtr.	1.9 x 1.2 x 3.0			2.0 x 1.3 x 3.1			2.2 x 1.4 x 3.4			2.3 x 1.5 x 3.9			2.4 x 1.7 x 4.0			3.0 x 2.4 x 4.3			3.5 x 2.6 x 4.7			3.5 x 2.6 x 4.7		

IDEAL FOR

Small / Medium scale production.

Overmoulding with long inserts.

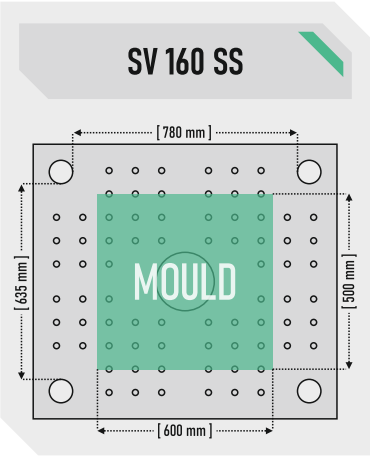
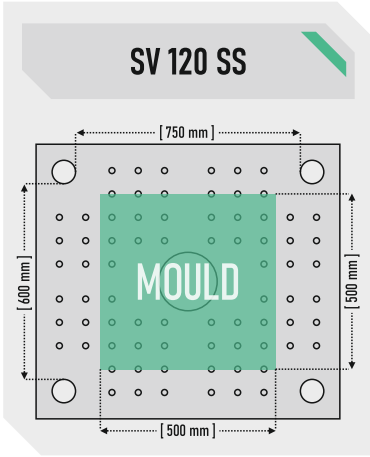
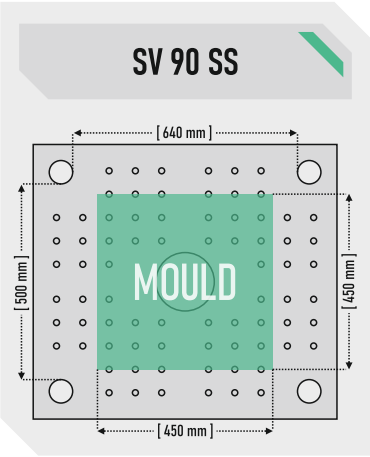
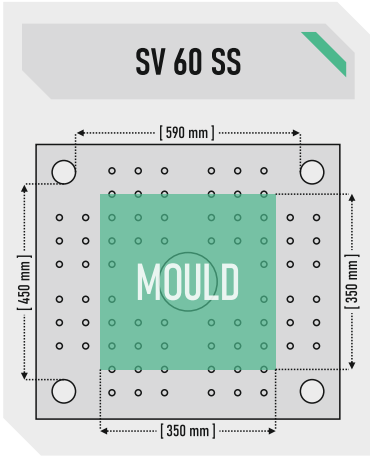
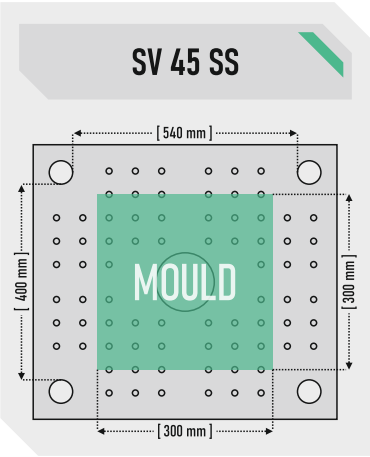
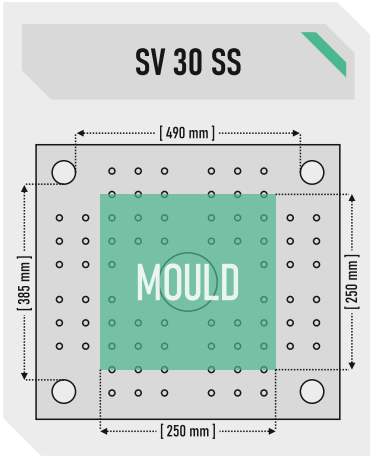
Small components with less number of inserts.

Overmoulding on cables and pipes.

NOTE :

SV SS - SERIES

SINGLE SLIDER TYPE VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV 30 SS			SV 45 SS			SV 60 SS			SV 90 SS			SV 120 SS			SV 160 SS			SV 200 SS			SV 240 SS		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	130			150			100			88			88			131			155			155		
INJECTION STROKE	mm	125			125			145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40			40			40		
CLAMPING FORCE	tf	30			45			60			90			120			160			200			240		
CLAMPING STROKE	mm	200			250			270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	360 (435)			410 (485)			430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	490 x 385			540 x 400			590 x 450			640 x 500			750 x 600			780 x 635			910 x 680			910 x 680		
MAX MOULD SIZE (LxW)	mm	250 x 250			300 x 300			350 x 350			450 x 450			500 x 500			600 x 500			700 x 550			700 x 550		
EJECTOR STROKE	mm	145			145			145			145			145			145			145			145		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			140			140			160			160		
OIL TANK CAPACITY	liters	210			225			250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	12.1	12.1	13.4	16.2	16.2	16.2	16.2	16.2	17.1	25.7	25.7	25.7	29	29	29.8	32.7	33.6	34.4	43.1	44.2	45.4	43.1	44.2	45.4
TOTAL WEIGHT	ton	1.7			2.32			2.9			4.35			5.9			7.3			8.2			8.3		
MACHINE DIMENSION (LxWxH)	mtr.	1.9 x 1.2 x 3.0			2.0 x 1.6 x 3.2			2.5 x 1.9 x 3.4			3.1 x 1.9 x 4.0			3.1 x 1.95 x 4.2			3.2 x 2.0 x 4.4			3.3 x 2.1 x 4.5			3.3 x 2.1 x 4.5		

IDEAL FOR

Small / Medium
scale production.

Overmoulding with
heavy inserts.

Overmoulding with
multiple cavities

Increasing
operator safety
and efficiency

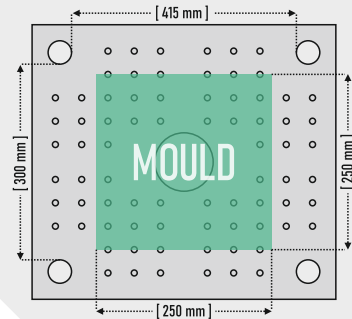
NOTE :

SV DS - SERIES

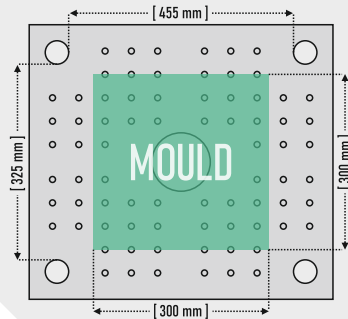
DOUBLE SLIDER TYPE VERTICAL INJECTION MOULDING MACHINE



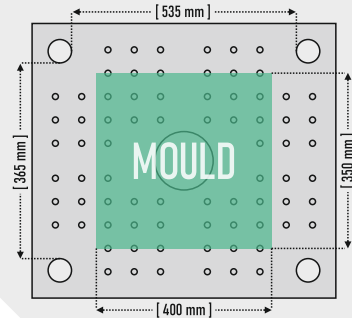
SV 30 DS



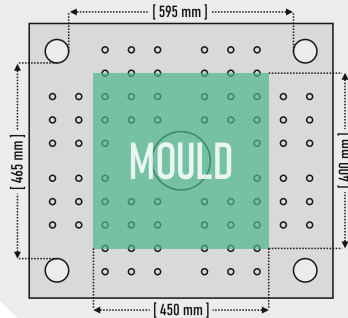
SV 45 DS



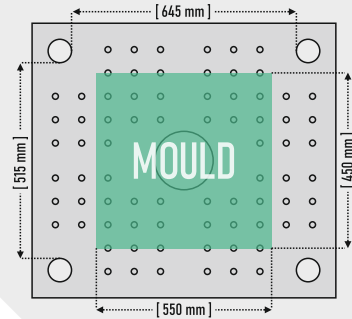
SV 60 DS



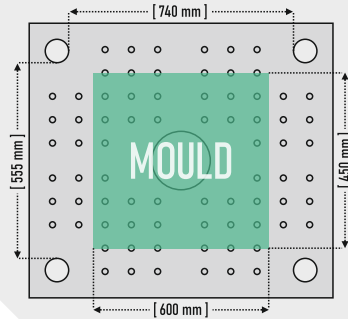
SV 90 DS



SV 120 DS



SV 160 DS



PARAMETER	UNITS	SV 30 DS			SV 45 DS			SV 60 DS			SV 90 DS			SV 120 DS			SV 160 DS			SV 200 DS			SV 240 DS		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	130			150			100			88			88			131			155			155		
INJECTION STROKE	mm	125			125			145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40			40			40		
CLAMPING FORCE	tf	30			45			60			90			120			160			200			240		
CLAMPING STROKE	mm	200			250			270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	360 (435)			410 (485)			430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	415 x 300			455 x 325			535 x 365			595 x 465			645 x 515			740 x 555			785 x 625			785 x 625		
MAX MOULD SIZE (LxW)	mm	250 x 250			300 x 300			400 x 350			450 x 400			550 x 450			600 x 450			700 x 500			700 x 500		
EJECTOR STROKE	mm	145			145			145			145			145			145			145			145		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			140			140			160			160		
OIL TANK CAPACITY	liters	210			225			250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	12.1	12.1	13.4	16.2	16.2	16.2	16.2	16.2	17.1	25.7	25.7	25.7	29	29	29.8	32.7	33.6	34.4	43.1	44.2	45.4	43.1	44.2	45.4
TOTAL WEIGHT	ton	2.0			2.8			3.5			5.0			6.4			7.6			8.5			8.6		
MACHINE DIMENSION (LxWxH)	mtr.	1.9 x 1.4 x 3.0			2.0 x 1.7 x 3.2			2.5 x 2.3 x 3.7			2.5 x 2.4 x 3.7			2.5 x 2.6 x 4.2			2.6 x 2.7 x 4.3			2.8 x 3.0 x 4.4			2.8 x 3.0 x 4.5		

IDEAL FOR

Medium / Large
scale production.

Overmoulding with
huge inserts.

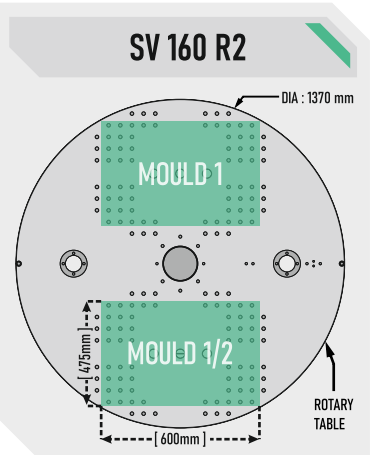
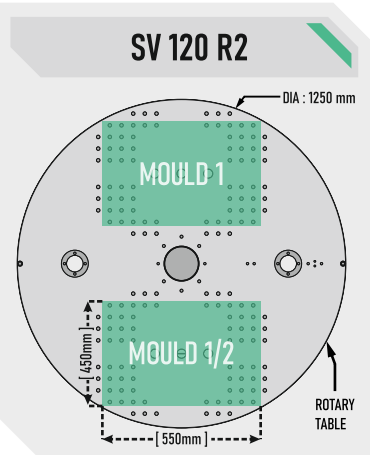
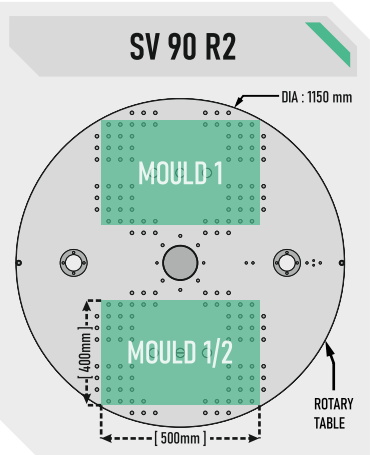
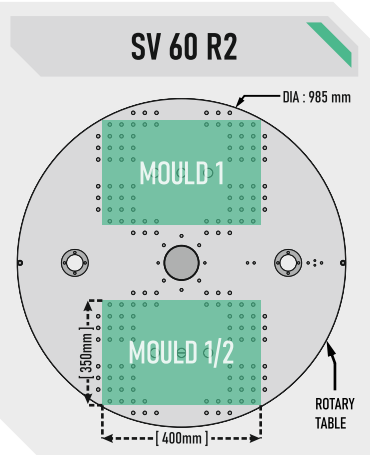
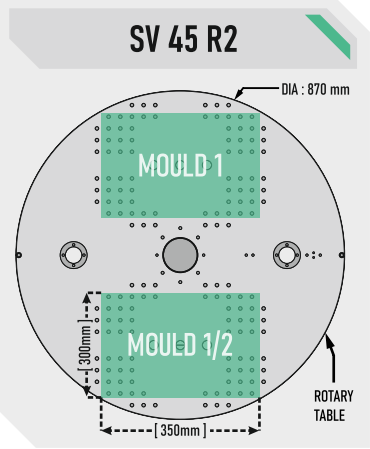
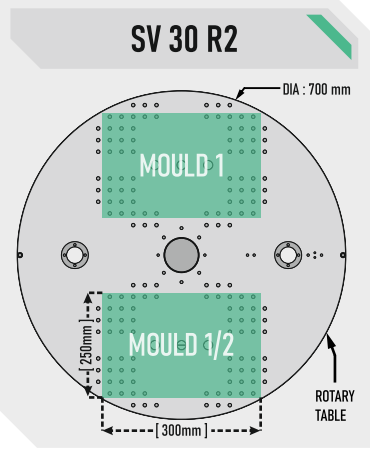
Large mould sizes
with large number
of cavities.

Increased
production
efficiency and
safety.

NOTE :

SV R2 - SERIES

ROTARY 2 STATION TYPE VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV 30 R2			SV 45 R2			SV 60 R2			SV 90 R2			SV 120 R2			SV 160 R2			SV 200 R2			SV 240 R2		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	130			150			100			88			88			131			155			155		
INJECTION STROKE	mm	125			125			145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40			40			40		
CLAMPING FORCE	tf	30			45			60			90			120			160			200			240		
CLAMPING STROKE	mm	200			250			270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	360 (435)			410 (485)			430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	410 x 300			435 x 385			550 x 415			615 x 475			615 x 525			795 x 570			800 x 595			800 x 595		
MAX MOULD SIZE (LXW)	mm	300 x 250			350 x 300			400 x 350			500 x 400			550 x 450			600 x 475			650 x 515			650 x 515		
TABLE DIAMETER	mm	700			870			985			1150			1250			1370			1450			1450		
EJECTOR STROKE	mm	145						145			145			145			145			145			145		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			140			140			160			160		
OIL TANK CAPACITY	liters	210			225			250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	12.1	12.1	13.4	16.2	16.2	16.2	16.2	16.2	17.1	25.7	25.7	25.7	29	29	29.8	32.7	33.6	34.4	43.1	44.2	45.4	43.1	44.2	45.4
TOTAL WEIGHT	ton	2.2			3.1			3.9			5.5			6.6			7.8			8.9			8.9		
MACHINE DIMENSION (LxWxH)	mtr.	2.2 x 1.5 x 3.0			2.3 x 1.6 x 3.2			2.5 x 1.7 x 3.6			2.7 x 1.9 x 4.0			2.8 x 1.9 x 4.2			2.9 x 2.1 x 4.5			3.1 x 2.5 x 4.7			3.1 x 2.5 x 4.7		

IDEAL FOR

Medium / Large
scale production.

Reducing
manpower and
production costs.

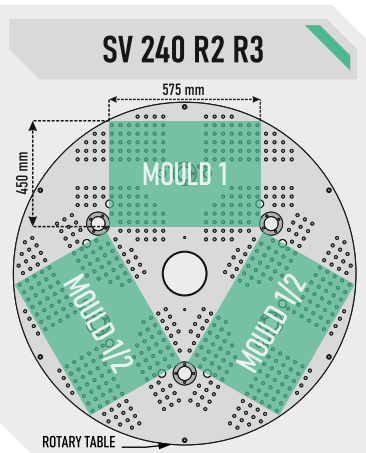
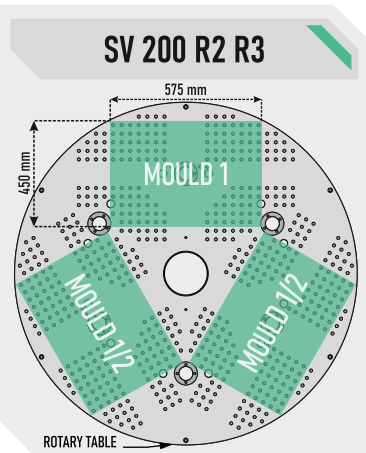
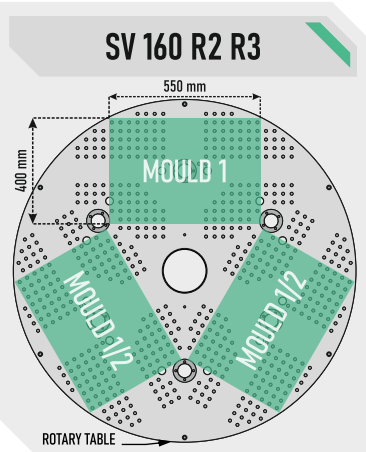
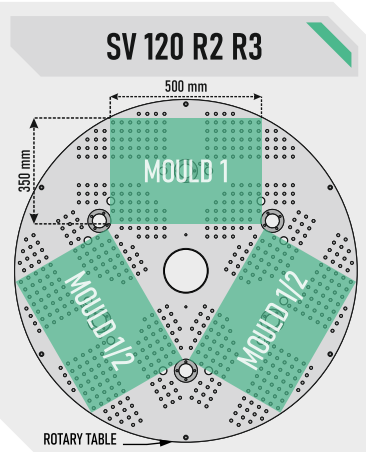
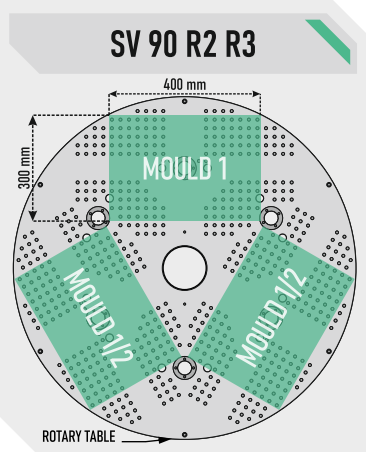
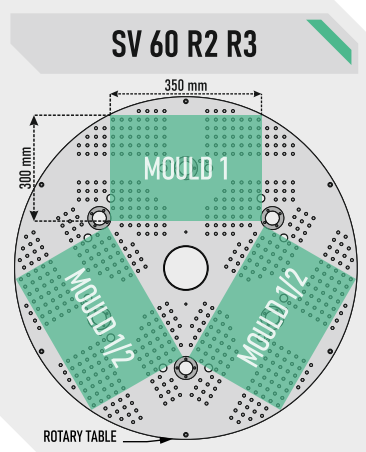
Moulds with huge
number of cavities
for higher
production.

Increased
production output,
safety and
efficiency.

NOTE :

SV R2 R3 - SERIES

ROTARY 3 STATION TYPE VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV 60 R2 R3			SV 90 R2 R3			SV 120 R2 R3			SV 160 R2 R3			SV 200 R2 R3			SV 240 R2 R3		
SCREW DIAMETER	mm	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	100			88			88			131			155			155		
INJECTION STROKE	mm	145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40		
CLAMPING FORCE	tf	60			90			120			160			200			240		
CLAMPING STROKE	mm	270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	500 x 415			615 x 475			615 x 525			795 x 570			800 x 595			800 x 595		
MAX MOULD SIZE (LxW)	mm	350 x 300			400 x 300			500 x 350			550 x 400			575 x 450			575 x 450		
EJECTOR STROKE	mm	145			145			145			145			145			145		
TABLE DIAMETER	mm	985			1150			1250			1370			1450			1450		
EJECTOR FORCE	tf	2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			160			160		
OIL TANK CAPACITY	liters	250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	16.2	16.2	17.1	25.7	25.7	25.7	29	29	29.8	32.7	33.6	34.4	43.1	44.2	45.4	43.1	44.2	45.4
TOTAL WEIGHT	ton	3.9			5.5			6.6			7.8			8.9			9.0		
MACHINE DIMENSION (LxWxH)	mtr.	2.5 x 1.7 x 3.5			2.7 x 1.9 x 4.0			2.8 x 1.9 x 4.2			2.9 x 2.1 x 4.5			3.1 x 2.1 x 4.5			3.2 x 2.2 x 4.5		

IDEAL FOR

Medium / Large scale production.

Reducing production time and production costs.

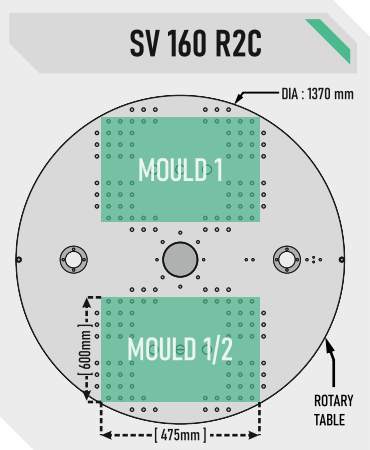
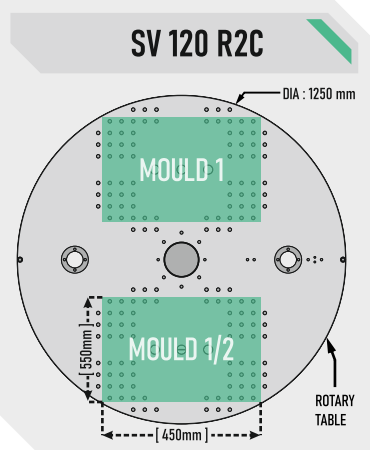
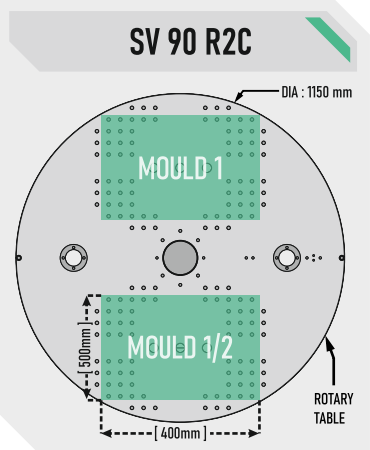
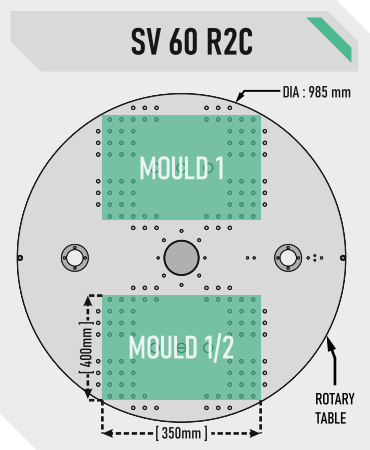
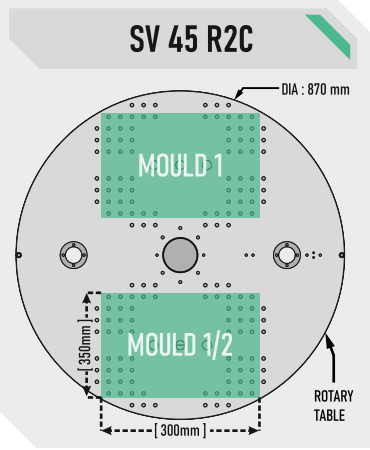
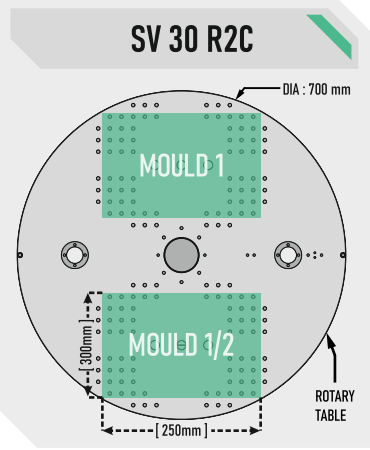
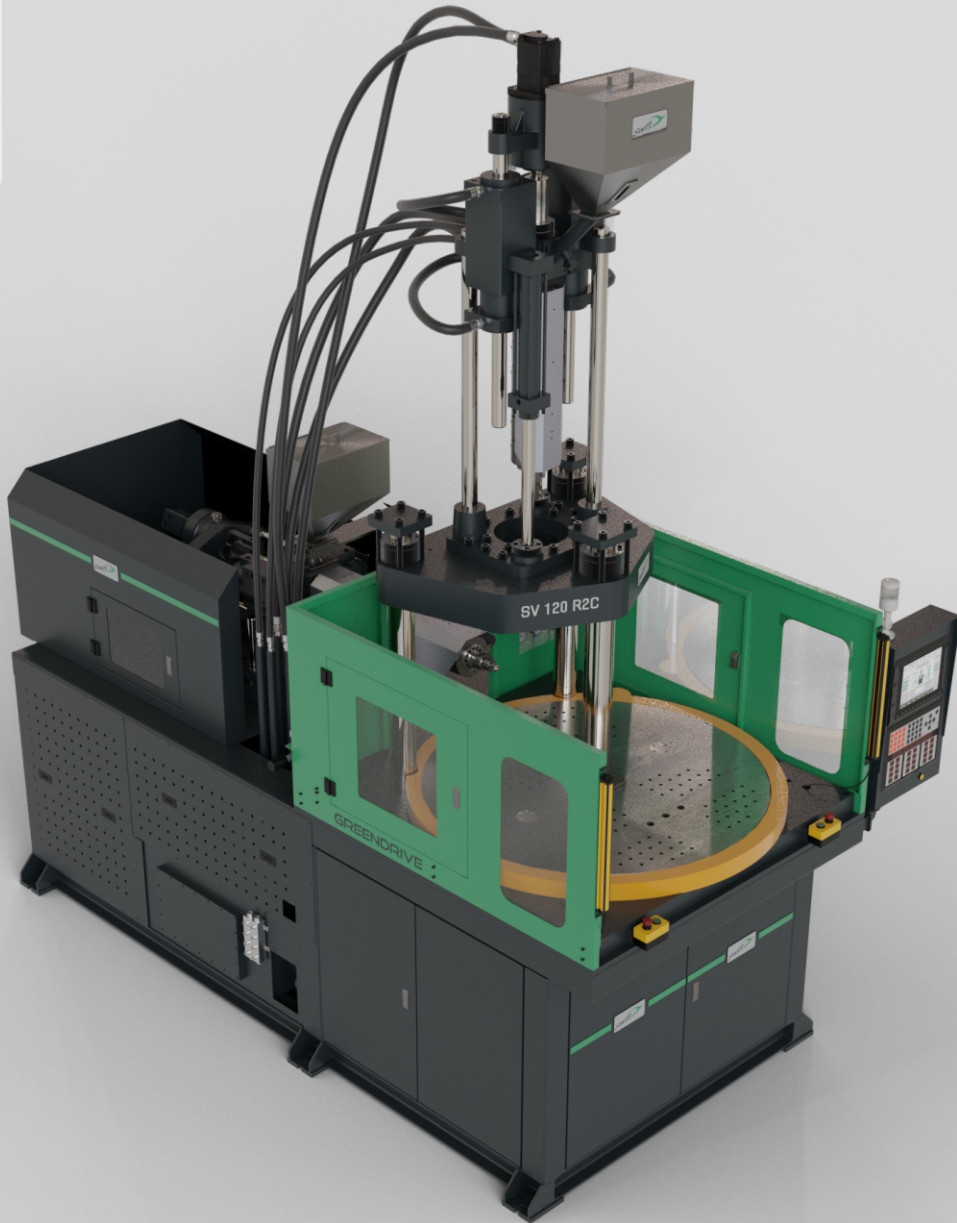
Moulds with huge number of cavities for higher production.

Increased production output, safety and efficiency.

NOTE :

SV R2C - SERIES

ROTARY 2 STATION 2 COLOUR TYPE VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV 30 R2C			SV 45 R2C			SV 60 R2C			SV 90 R2C			SV 120 R2C			SV 160 R2C			SV 200 R2C			SV 240 R2C		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	130			150			100			88			88			131			155			155		
INJECTION STROKE	mm	125			125			145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40			40			40		
CLAMPING FORCE	tf	30			45			60			90			120			160			200			240		
CLAMPING STROKE	mm	200			250			270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	360 (435)			410 (485)			430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	410 x 300			435 x 385			550 x 415			615 x 475			615 x 525			795 x 570			800 x 595			800 x 595		
MAX MOULD SIZE (LXW)	mm	300 x 250			350 x 300			400 x 350			500 x 400			550 x 450			600 x 475			650 x 475			650 x 475		
TABLE DIAMETER	mm	700			870			985			1150			1250			1370			1450			1450		
EJECTOR STROKE	mm	145						145			145			145			145			145			145		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			140			140			160			160		
OIL TANK CAPACITY	liters	210			225			250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	12.1	12.1	13.4	16.2	16.2	16.2	16.2	16.2	17.1	25.7	25.7	25.7	29	29	29.8	32.7	33.6	34.4	43.1	44.2	45.4	43.1	44.2	45.4
TOTAL WEIGHT	ton	2.5			3.6			4.4			5.9			7.1			8.5			9.4			11		
MACHINE DIMENSION (LxWxH)	mtr.	2.7 x 1.5 x 2			2.9 x 1.6 x 2.2			3.1 x 1.7 x 2.4			3.5 x 1.9 x 2.6			3.7 x 1.9 x 2.8			3.9 x 2.1 x 3.2			4.1 x 2.5 x 3.5			4.1 x 2.5 x 3.5		

IDEAL FOR

Medium / Large
scale production.

Overmoulding with
2 colors or
2 materials.

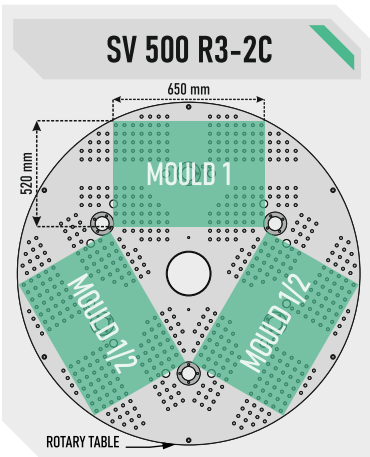
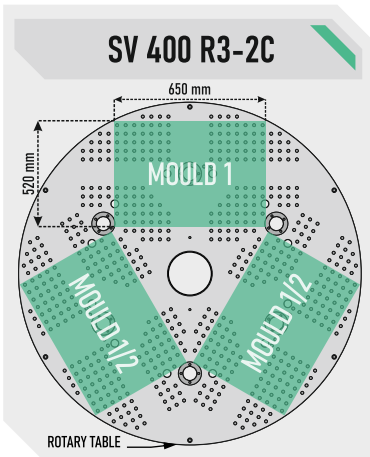
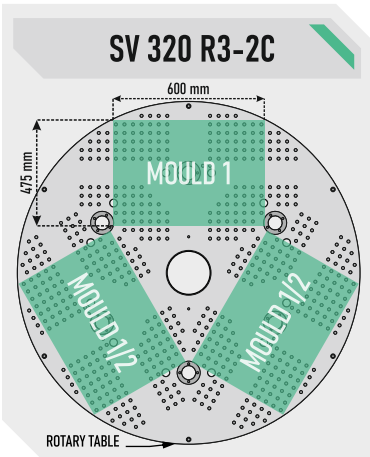
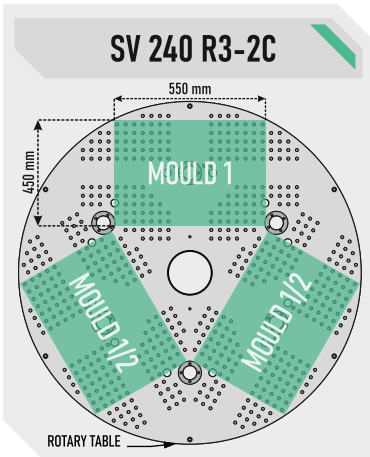
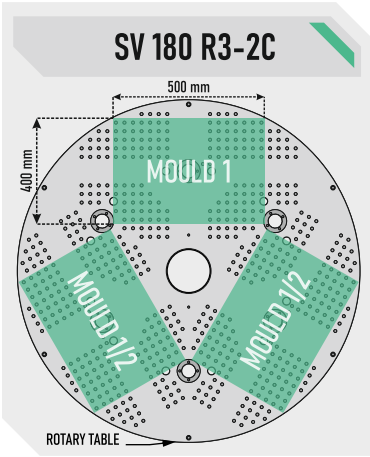
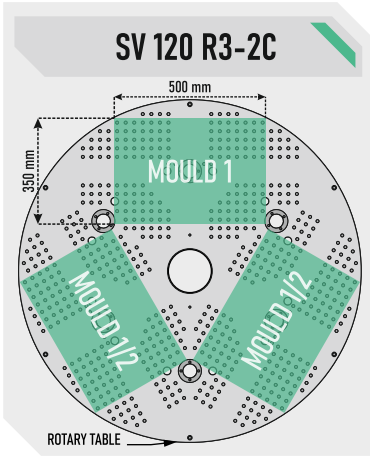
Can be used for
both 2 color and 1
color production.

Increased
production output,
safety and
efficiency.

NOTE :

SV R3-2C - SERIES

ROTARY 3 STATION 2 COLOUR TYPE VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV 120 R3-2C			SV 180 R3-2C			SV 240 R3-2C			SV 320 R3-2C			SV 400 R3-2C			SV 500 R3-2C		
INJECTION UNIT	UNIT	UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2		
SCREW DIAMETER	mm	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	100			88			88			131			155			155		
INJECTION STROKE	mm	145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40		
CLAMPING FORCE	tf	120 (60+60)			180 (90+90)			240 (120+120)			320 (160+160)			400 (200+200)			500 (250+250)		
CLAMPING STROKE	mm	270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	200			225			250			285			300			300		
MAX. OPENING	mm	470			495			535			635			650			650		
DISTANCE BTW. TIE ROD	mm	1200 x 350			1300 x 400			1420 x 450			1520 x 500			1675 x 575			1675 x 575		
MAX MOULD SIZE (LxW)	mm	500 x 350			500 x 400			550 x 450			600 x 475			650 x 520			650 x 520		
EJECTOR STROKE	mm	145			145			145			145			145			145		
EJECTOR FORCE	tf	4.6			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	80 + 80			100 + 100			120 + 120			150 + 150			175 + 175			175 + 175		
OIL TANK CAPACITY	liters	440			480			520			550			580			620		
PUMP MOTOR POWER	kW (hp)	10 (13.5) + 10 (13.5)			14 (19) + 14 (19)			18 (24) + 18 (24)			22 (30) + 22 (30)			30 (40) + 30 (40)			30 (40) + 30 (40)		
HEATING POWER	kW	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.6	7.6	7.6	9	11	7.6	9	11
TOTAL WATTAGE	kW	36	36	38	47	47	47	56	56	57	63	64	64	82	84	88	82	84	88
TOTAL WEIGHT	ton	8			10			16			18			20			22		
MACHINE DIMENSION (LxWxH)	mtr.	2.7 x 2.3 x 4.5			2.9 x 2.4 x 4.7			3.0 x 2.5 x 4.7			3.2 x 2.6 x 4.8			3.5 x 2.8 x 5.2			3.7 x 3.0 x 5.6		

IDEAL FOR

Large scale
production.

Overmoulding with
2 colors or
2 materials.

Full automated
production
operations.

Components with
2nd material on
one side only.

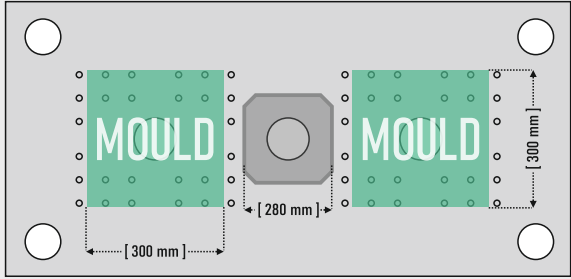
NOTE :

SV T2C - SERIES

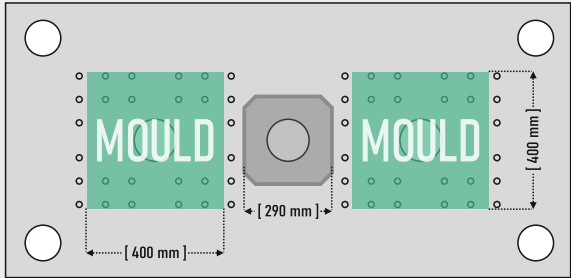
TURRET 2 COLOR TYPE VERTICAL INJECTION MOULDING MACHINE



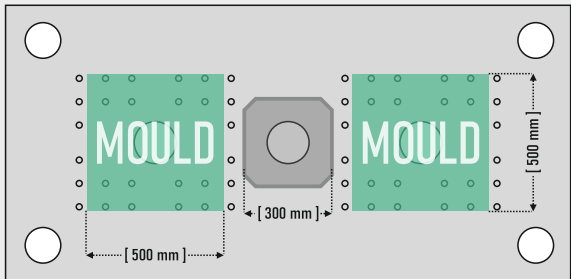
SV 120 T2C



SV 180 T2C



SV 240 T2C



PARAMETER	UNITS	SV 120 T2C			SV 180 T2C			SV 240 T2C			SV 320 T2C			SV 400 T2C			SV 500 T2C		
INJECTION UNIT	UNIT	UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2			UNIT 1 / UNIT 2		
SCREW DIAMETER	mm	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	100			88			88			131			155			155		
INJECTION STROKE	mm	145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40		
CLAMPING FORCE	tf	120 (60+60)			180 (90+90)			240 (120+120)			320 (160+160)			400 (200+200)			500 (250+250)		
CLAMPING STROKE	mm	270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	200			225			250			285			300			300		
MAX. OPENING	mm	470			495			535			635			650			650		
DISTANCE BTW. TIE ROD	mm	920 x 420			1200 x 440			1460 x 480			1580 x 530			1700 x 580			1700 x 580		
MAX MOULD SIZE (LxW)	mm	300 x 300			400 x 400			500 x 500			550 x 550			600 x 600			600 x 600		
EJECTOR STROKE	mm	40			40			40			40			40			40		
EJECTOR FORCE	tf	4.6			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	80 + 80			100 + 100			120 + 120			150 + 150			175 + 175			175 + 175		
OIL TANK CAPACITY	liters	340			380			420			450			480			520		
PUMP MOTOR POWER	kW (hp)	10 (13.5) + 10 (13.5)			14 (19) + 14 (19)			18 (24) + 18 (24)			22 (30) + 22 (30)			30 (40) + 30 (40)			30 (40) + 30 (40)		
HEATING POWER	kW	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.6	7.6	7.6	9	11	7.6	9	11
TOTAL WATTAGE	kW	36	36	38	47	47	47	56	56	57	63	64	64	82	84	88	82	84	88
TOTAL WEIGHT	ton	6.5			8			12			14			15.5			17.5		
MACHINE DIMENSION (LxWxH)	mtr.	2.0 x 1.8 x 3.8			2.2 x 2.0 x 4.2			2.4 x 2.4 x 4.6			2.6 x 2.6 x 4.8			2.8 x 2.8 x 5.4			2.8 x 2.8 x 5.6		

IDEAL FOR

Large scale production.

Overmoulding with 2 colors or 2 materials.

Overmoulding on Pliers, Grips, Knives, Screwdrivers, etc.

Full Automated production operations.

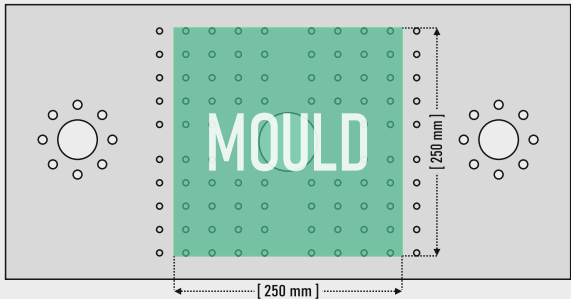
NOTE :

SV TL - SERIES

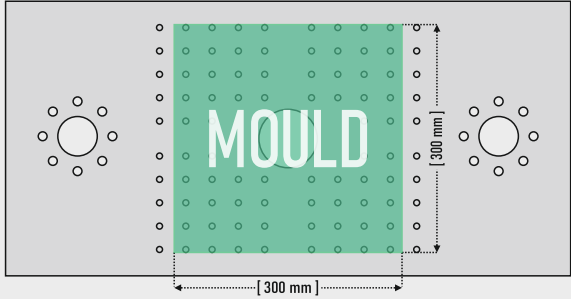
TIE-BAR LESS VERTICAL INJECTION MOULDING MACHINE



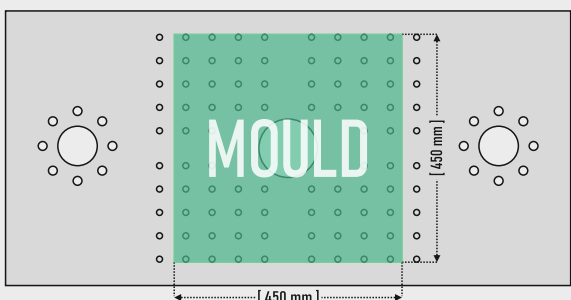
SV 20 TL



SV 30 TL



SV 60 TL



PARAMETER	UNITS	SV 20 TL			SV 30 TL			SV 60 TL			SV 90 TL		
SCREW DIAMETER	mm	22	25	30	22	25	30	32	35	38	40	42	45
INJECTION PRESSURE	kgf/cm²	2126	1646	1143	2126	1646	1143	1661	1388	1177	1680	1523	1327
TH. INJECTION VOLUME	cm³	47.5	61	88	47.5	61	88	116	139	164	301	332	381
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	40	55	79	105	125	148	271	299	343
INJECTION RATE	cm³/sec	38	48	94	38	48	94	89	87	158	111	122	140
INJECTION SPEED	mm/s	130			130			100			88		
INJECTION STROKE	mm	125			125			145			240		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40		
CLAMPING FORCE	tf	30			30			60			90		
CLAMPING STROKE	mm	200			200			270			270		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)		
MAX. OPENING	mm	360 (435)			360 (435)			430 (505)			515 (615)		
MAX MOULD SIZE (LxW)	mm	250 x 250			300 x 300			450 x 450			500 x 500		
EJECTOR STROKE	mm	40			40			40			40		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140		
OIL TANK CAPACITY	liters	210			210			250			270		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			5 (7.5)			7.5 (10)			15 (20)		
HEATING POWER	kW	4	4	5.7	4	4	5.7	5.7	5.7	6.6	7.5	7.5	7.5
TOTAL WATTAGE	kW	8.4	8.4	10	8.4	8.4	10	13.3	13.3	13.8	21.6	22.5	22.5
TOTAL WEIGHT	ton	2.5			3.7			8.9			9.4		
MACHINE DIMENSION (LxWxH)	mtr.	2.2 x 1.4 x 3.1			1.5 x 1.6 x 3.4			1.6 x 1.7 x 3.2			2.0 x 2.0 x 3.6		

IDEAL FOR

Medium / Large
scale production.

Overmoulding with
long inserts.

Small components
with smaller inserts.

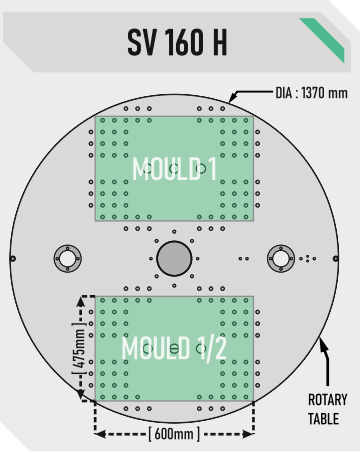
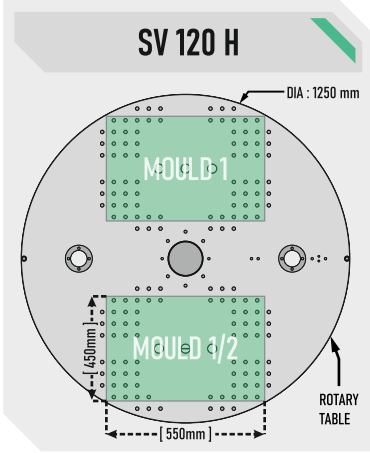
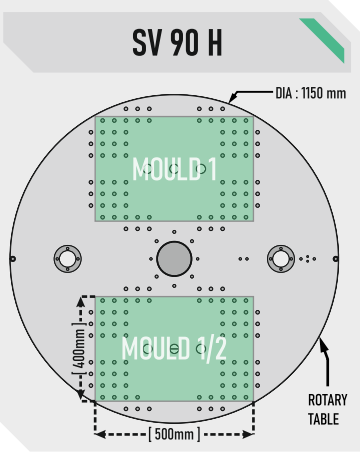
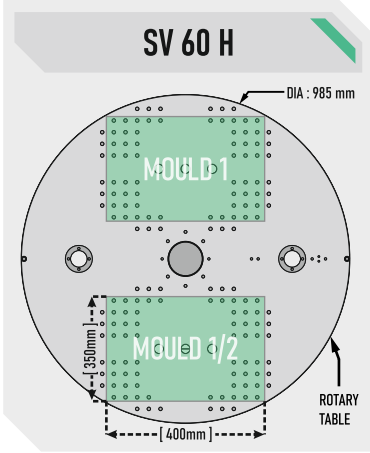
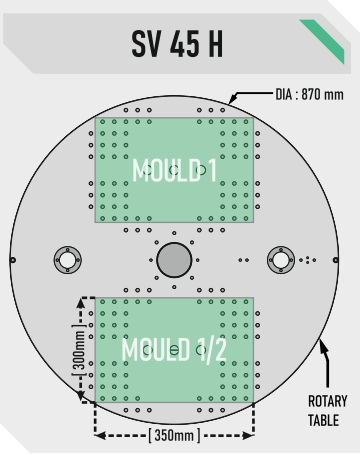
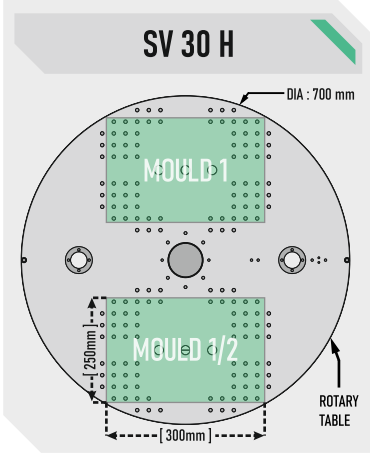
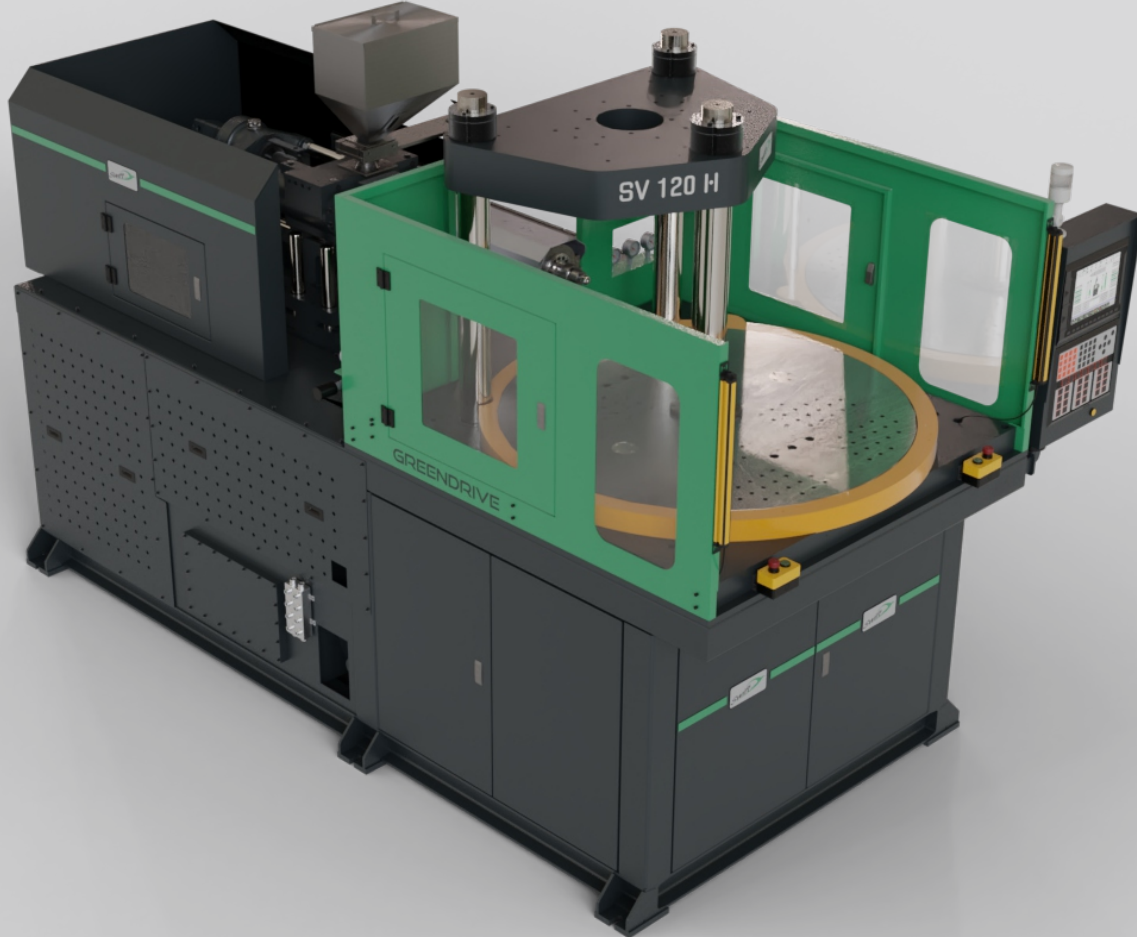
Overmoulding on
cables and pipes.

NOTE :



SV - H - SERIES

VERTICAL CLAMPING HORIZONTAL INJECTION TYPE MOULDING MACHINE



PARAMETER	UNITS	SV 30 H			SV 45 H			SV 60 H			SV 90 H			SV 120 H			SV 160 H			SV 200 H			SV 240 H		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38	40	42	45	42	45	50	45	50	55	55	60	70	55	60	70
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177	1680	1523	1327	1523	1327	1075	1327	1075	888	888	746	548	888	746	548
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164	301	332	381	332	381	471	397	491	593	593	706	961	593	706	961
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148	271	299	343	299	343	424	358	442	534	534	636	865	534	636	865
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158	111	122	140	122	140	173	175	173	262	367	437	595	367	437	595
INJECTION SPEED	mm/s	130			150			100			88			88			131			155			155		
INJECTION STROKE	mm	125			125			145			240			240			250			250			250		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40			40			40			40			40			40		
CLAMPING FORCE	tf	30			45			60			90			120			160			200			240		
CLAMPING STROKE	mm	200			250			270			270			285			350			350			350		
MIN. MOULD HEIGHT	mm	160 (235)			160 (235)			160 (235)			245 (345)			285 (385)			300 (400)			300 (400)			300 (400)		
MAX. OPENING	mm	360 (435)			410 (485)			430 (505)			515 (615)			570 (670)			650 (750)			650 (750)			650 (750)		
DISTANCE BTW. TIE ROD	mm	410 x 300			435 x 385			550 x 415			615 x 475			615 x 525			795 x 570			800 x 595			800 x 595		
MAX MOULD SIZE (LxW)	mm	300 x 250			350 x 300			400 x 350			500 x 400			550 x 450			600 x 475			650 x 515			650 x 515		
TABLE DIAMETER	mm	700			870			985			1150			1250			1370			1450			1450		
EJECTOR STROKE	mm	145						145			145			145			145			145			145		
EJECTOR FORCE	tf	2.2			2.2			2.7			4.6			4.6			4.6			4.6			4.6		
SYSTEM PRESSURE	lpm	140			140			140			140			140			140			160			160		
OIL TANK CAPACITY	liters	210			225			250			270			320			360			420			420		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)			15 (20)			18.5 (25)			22.5 (30)			30 (40)			30 (40)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6	7.5	7.5	7.5	7.5	7.5	8.3	7.5	8.3	9.1	9.1	10.1	11	9.1	10.1	11
TOTAL WATTAGE	kW	12.1	12.1	13.4	16.2	16.2	16.2	16.2	16.2	17.1	25.7	25.7	25.7	29	29	29.8	32.7	33.6	34.4	43.1	44.2	45.4	43.1	44.2	45.4
TOTAL WEIGHT	ton	2.5			3.6			4.4			5.9			7.1			8.5			9.4			11		
MACHINE DIMENSION (LxWxH)	mtr.	2.7 x 1.5 x 2			2.9 x 1.6 x 2.2			3.1 x 1.7 x 2.4			3.5 x 1.9 x 2.6			3.7 x 1.9 x 2.8			3.9 x 2.1 x 3.2			4.1 x 2.5 x 3.5			4.1 x 2.5 x 3.5		

IDEAL FOR

Medium / Large
scale production.

Overmoulding with
long inserts.

Overmoulding on
components with
very high shot
weight.

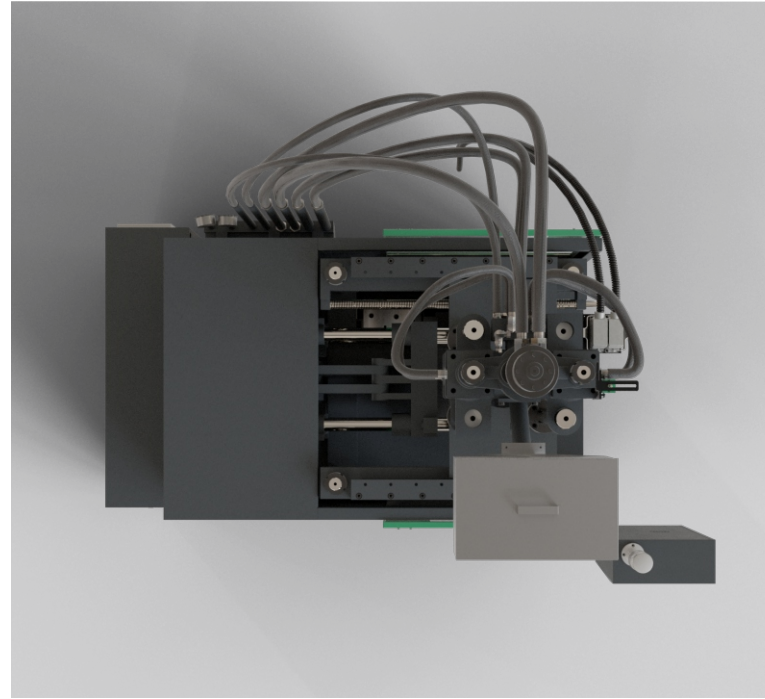
Increasing
production
efficiency and
operator safety.

NOTE :

SV - T - SERIES



HORIZONTAL CLAMPING VERTICAL INJECTION MOULDING MACHINE



PARAMETER	UNITS	SV-T 30			SV-T 45			SV-T 60		
SCREW DIAMETER	mm	22	25	30	30	32	35	32	35	38
INJECTION PRESSURE	kgf/cm ²	2126	1646	1143	1143	1004	840	1661	1388	1177
TH. INJECTION VOLUME	cm ³	47.5	61	88	88	100	120	116	139	164
MAX. INJECTION WEIGHT (P.S)	gram	40	55	79	79	90	108	105	125	148
INJECTION RATE	cm ³ /sec	38	48	94	94	120	114	89	87	158
INJECTION SPEED	mm/s	130			150			100		
INJECTION STROKE	mm	125			125			145		
SCREW ROTATION SPEED	rpm	0 - 300			0 - 300			0 - 300		
NOZZLE OUT OF PLATEN	mm	40			40			40		
CLAMPING FORCE	tf	30			45			60		
CLAMPING STROKE	mm	340			390			410		
MIN. MOULD HEIGHT	mm	125			125			125		
MAX. OPENING	mm	465			515			535		
DISTANCE BTW. TIE ROD	mm	375 x 325			425 x 300			500 x 355		
MAX MOULD SIZE (LxW)	mm	200 x 200			250 x 250			300 x 300		
EJECTOR STROKE	mm	40			40			40		
EJECTOR FORCE	tf	2.2			2.2			2.7		
SYSTEM PRESSURE	lpm	140			140			140		
OIL TANK CAPACITY	liters	150			180			200		
PUMP MOTOR POWER	kW (hp)	5 (7.5)			7.5 (10)			7.5 (10)		
HEATING POWER	kW	4	4	5.7	5.7	5.7	5.7	5.7	5.7	6.6
TOTAL WATTAGE	kW	8.4	8.4	10	12.5	13.3	13.3	13.3	13.3	13.8
TOTAL WEIGHT	ton	1.4			2.0			2.5		
MACHINE DIMENSION (LxWxH)	mtr.	1.9 x 1.2 x 2.4			2.0 x 1.3 x 2.7			2.5 x 1.4 x 3.4		

IDEAL FOR

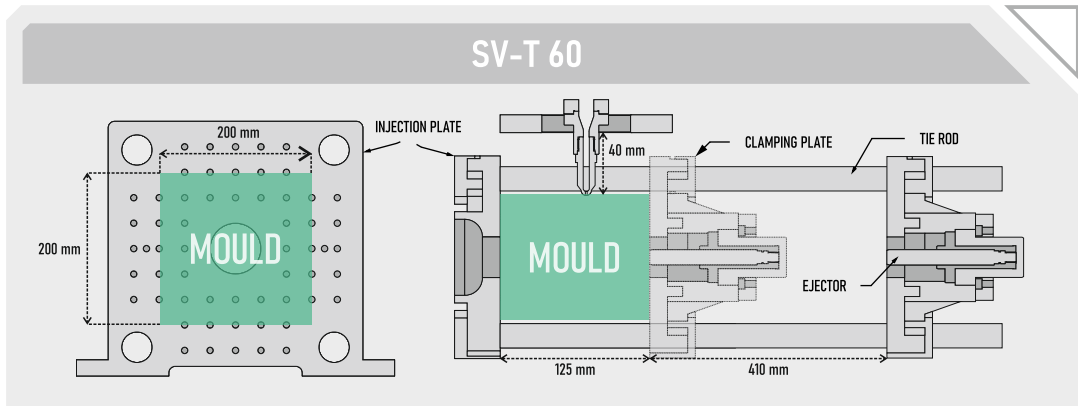
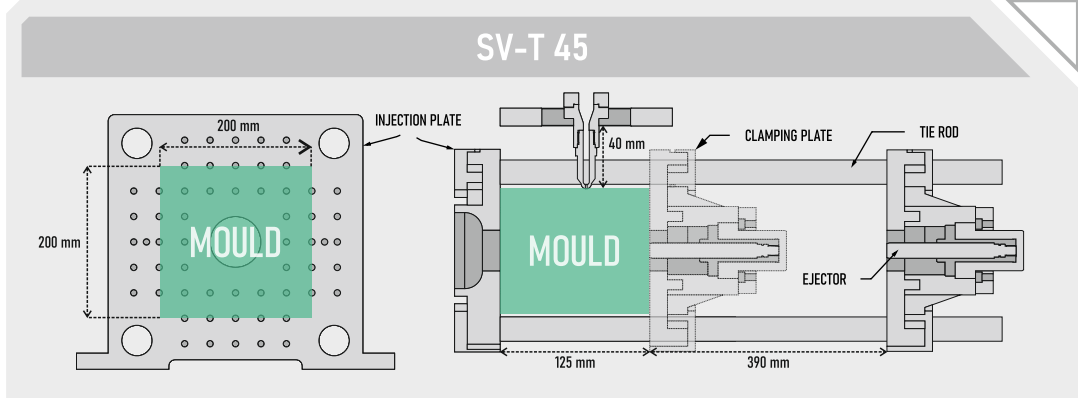
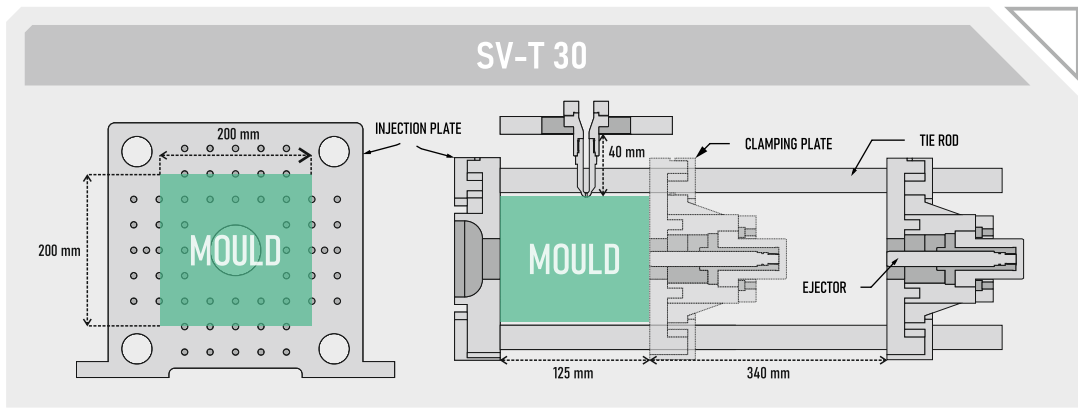
Small / Medium
scale production.

Components with
single color /
material.

Components with
direct plastic
moulding.

Plastic
components with
thin wall
structure.

NOTE :



SEHD SERIES

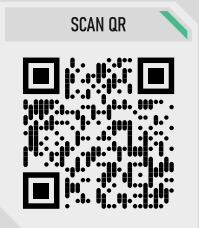


MODEL	CAPACITY (Liters.)	HEIGHT (mm)	HEATING POWER (killo watt)	BLOWING POWER (watt)	POWER SUPPLY (Volts)
SEHD - 25	25	800	2.1	90	230V, 1φ
SEHD - 50	50	1000	2.7	90	230V, 1φ
SEHD - 100	100	1100	3.9	200	415V, 3φ
SEHD - 150	150	1200	6.0	250	415V, 3φ
SEHD - 200	200	1350	6.0	250	415V, 3φ
SEHD - 300	300	1450	9.0	400	415V, 3φ
SEHD - 400	400	1600	9.0	400	415V, 3φ
SEHD - 800	800	2000	18	750	415V, 3φ
SEHD - 1200	1200	2100	18	1700	415V, 3φ
SEHD - 2500	2500	2500	24	2200	415V, 3φ
SEHD - 3500	3500	3000	36	3700	415V, 3φ



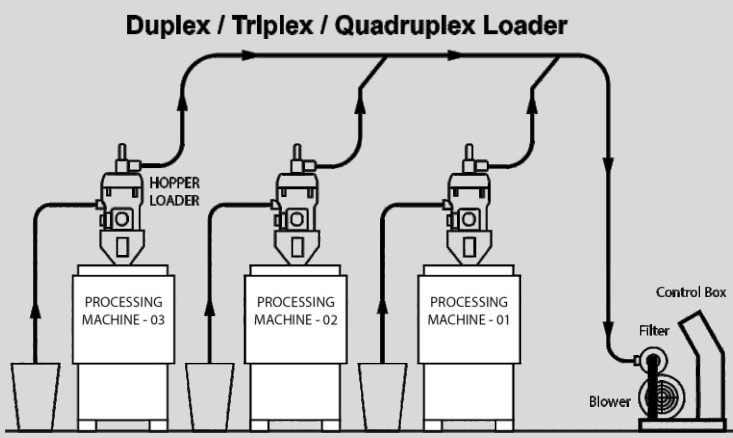
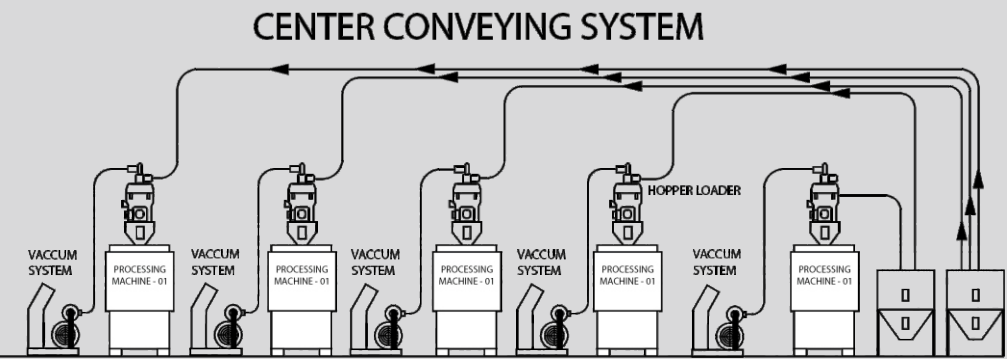
HOT AIR DRYER

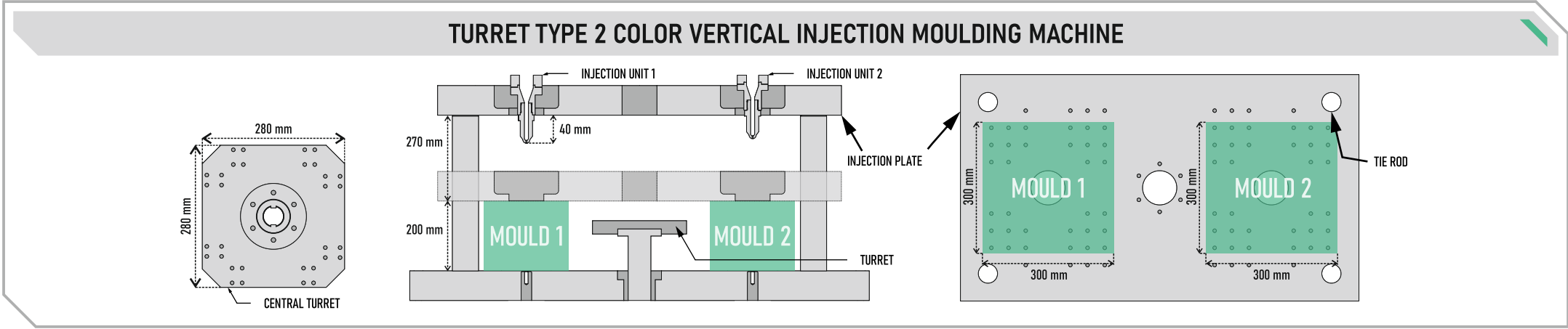
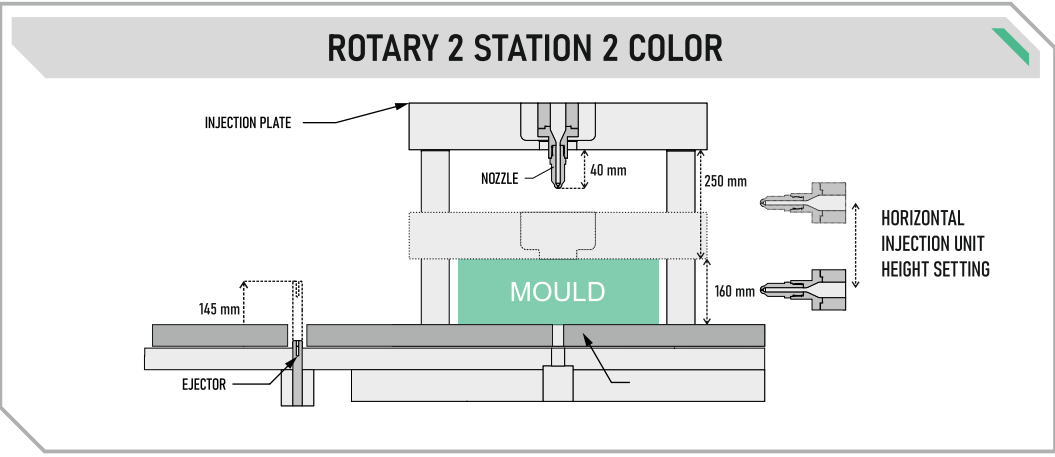
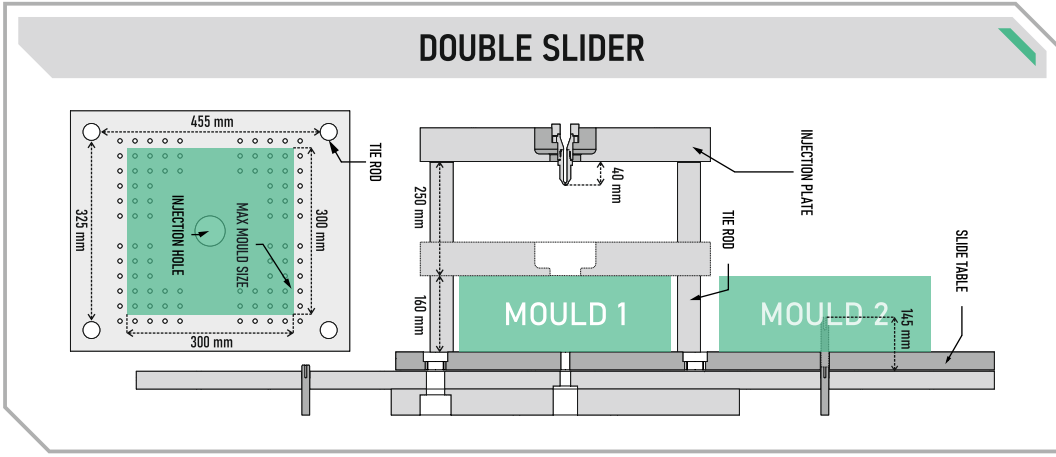
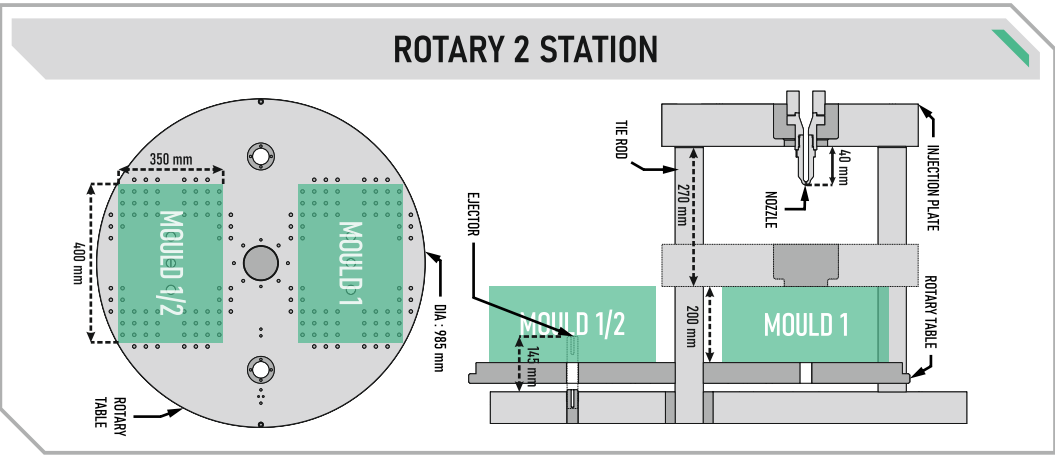
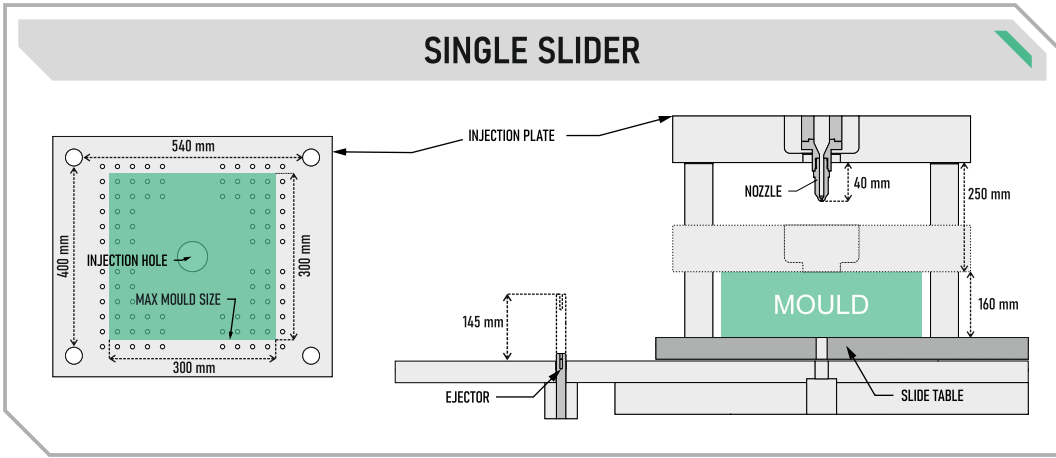
S - SERIES



HOPPER LOADER

MODEL	OUTPUT (Kg/Hr)	CONVEYING OUTPUT	BLOWER CAPACITY (Killo watt)	POWER SUPPLY (VOLTS)	CONTROLLER
S - 175	50 - 100	6	0.8	230V, 1φ	MICRO PROCESSOR
S - 375	150 - 200	6	0.85	415V, 3φ	MICRO PROCESSOR
S - 1500	200 - 300	15	1.5	415V, 3φ	MICRO PROCESSOR
S - 2200	300 - 500	30	2.2	415V, 3φ	MICRO PROCESSOR
S - 4000	500 - 800	30	4.0	415V, 3φ	MICRO PROCESSOR
S - DUPLEX	100 (x2)	6 (x2)	1.6	415V, 3φ	MICRO PROCESSOR
S- TRIPLEX	100 (x3)	6 (x3)	2.2	415V, 3φ	MICRO PROCESSOR
S - QUAD	100 (x4)	6 (x4)	4	415V, 3φ	MICRO PROCESSOR





MATERIAL DATA.

MATERIAL	DENSITY gm/cc	PROCESSING TEMPERATURE °C	CLARITY T / O / C	TENSILE STRENGTH AT YIELD kg?cm	ELONGATION AT BREAK %	SOFRENING TEMPERATURE VICAT 0°C	HEAT DEFLECTION 0°C AT 66 PSI
LDPE	0.92	160 - 210	TRANSLUCENT	95	200	85	50
LLDPE	0.92	180 - 260	TRANSLUCENT	100	100	80	45
HDPE	0.96	190 - 280	TRANSLUCENT OPAQUE	250	500	126	75
PP Copolymer	0.90	190 - 300	TRANSLUCENT CLEAR	290	500	150	90
PP Homopolymer	0.90	190 - 300	TRANSLUCENT	310	200	152	96
PS (GPPS)	1.05	180 - 220	CLEAR	420	5	102	85
HIPS	1.05	180 - 220	TRANSLUCENT OPAQUE	275	45	88	83
ABS	1.05	210 - 270	OPAQUE	440	20	95	86
SAN	1.04	220 - 270	CLEAR	650	4	107	95
Polycarbonate (PC)	1.2	260 - 310	CLEAR	680	150	150	144
Nylon - 6	1.13	240 - 270	TRANSLUCENT OPAQUE	740	40	215	165
Nylon - 66	1.13	270 - 300	TRANSLUCENT OPAQUE	1240	300	245	238
RPVC	1.45	150 - 210	CLEAR	440	20	100	76
Acrylics	1.19	200 - 260	CLEAR	700	3	89	90
PBT	1.31	220 - 260	OPAQUE	530	300	172	155
Polyurethane	1.20	185 - 240	CLEAR	520	510	116	74
Acetal	1.41	180 - 240	OPAQUE	700	55	104	172
TPE	1.2	180 - 240	OPAQUE	310	375	195	111
PET	1.38	260 - 310	CLEAR	880	70	110	85