

WE ALSO OFFER



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OUR ADDRESS

A1-4, Vaibhav Industrial Estate,
Saki Vihar Road, Andheri-East,
Mumbai 400 072.

E SERIES

Suitable for Engineering Plastics,
Electrical and Automotive products



Energy
Efficient



Reliable



User Friendly
Machines

**PLASTIC INJECTION
MOULDING MACHINE**
75 TON TO 180 TON



E SERIES | TECHNICAL SPECIFICATIONS

Model	Unit	E 75		E 100		E 125		E 150			E 165		E 180	
		A	B	A	B	A	B	A	B	C	A	B	A	B
Injection Unit														
Screw Diameter	mm	27	32	32	35	35	38	35	38	40	40	45	40	45
Screw L/D Ratio		18:1	18:1	20:1	19:1	19:1	17.5:1	19:1	17.5:1	16.6:1	20:1	18:1	20:1	18:1
Max. Swept Volume	Cub.cm	92	129	140	168	168	198	207	244	270	276	350	276	350
Max. Shot Weight (PS)	gms	82	116	126	151	151	178	186	219	243	249	315	249	315
Max. Injection Pressure	Kg/cm²	2500	1780	2010	1680	2195	1862	2645	2244	2025	2250	1778	2250	1778
Rate Of Injection	cc/sec	50	70	80	95	80	94	83	98	108	111	140	111	140
Screw Speed	rpm	300	300	300	300	300	300	300	300	300	300	300	300	300
Nozzle Force	Tons	2.9	2.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.7	4.7	4.7	4.7
Locking Unit														
Mould Clamping Force	Tons	75		100		120		140			165 / 180		165 / 180	
Mould Clamping Stroke	mm	275		300		300		340			375		375	
Mould Thickness	mm	150 - 350		165 - 400		165 - 450		190 - 500			200 - 525		200 - 525	
Min - Max.														
Max. Day Light Opening	mm	625		700		750		840			900		900	
Space Betn. Tie Bars	mm	350 X 323		376 X 344		410 X 345		440 X 420			460 X 421 /		460 X 421 /	
H X V														
Platen Size	mm	550 X 510		590 X 570		640 X 570		675 X 640			705 X 650 /		705 X 650 /	
Hydraulic Ejector														
Ejector Stroke	mm	75		85		85		100			110		110	
Ejector Force	Tons	3.6		3.6		4.7		4.7			7.5		7.5	
General														
Servo Motor	KW	10.5		10.5		10.5		15.7			19.3		19.3	
Heating Capacity	KW	7.0		8.0		8.0		8.0			12.5		12.5	
Total Connected Load	KW	17.5		18.5		18.5		23.7			31.8		31.8	
Tank Capacity	Ltrs	180		260		260		350			410		410	
Machine Weight	Tons	2.35		3.5		3.9		4.4			5.6		5.6	
Floor Space (L X W X H)	Mtr.	3.8 X 1.25 X 1.5		4.2 X 1.25 X 1.75		4.2 X 1.25 X 1.75		4.6 X 1.5 X 1.8			4.9 X 1.5 X 2		4.9 X 1.5 X 2	

SILENT FEATURES

T Slotted Platen
5 Point replaceable toggle
Steel Platen
Servo Drive
Integrated Single Tank
Robust Guided Ejector
Auto Lubrication

OPTIONAL FEATURES

Variable Displacement Pump
Core Pull - Single / Double
Extra Long Ejector
Euromap Robot Unit
Hopper Dryer / Loader and other Accessories
IOT
Higher End Controller
Air Blast / Ejector
Higher Injection Pressure / Speed



WE OFFER

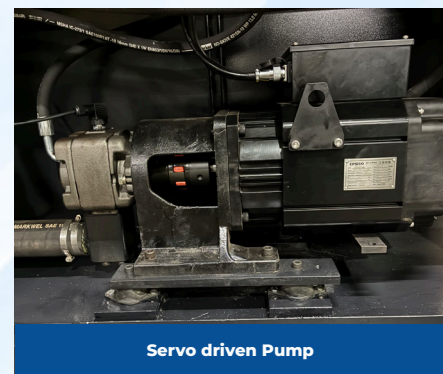
**CUSTOMIZED
INJECTION MOLDING
MACHINES ALSO**



Robust Five Point
Twin Toggle Mechanism



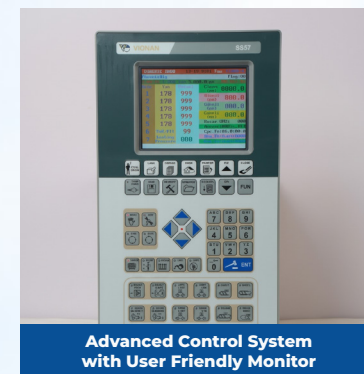
Strong and Robust
Steel platen with T slots



Servo driven Pump



Integrated Single Tank



Advanced Control System
with User Friendly Monitor