



OM ENTERPRISE

MANUFACTURER OF INJECTION MOULDING MACHINE





PLC Vertical Injection Moulding Machine

Material to be Used : PP, PPCP, HD, Nylon, ABS, PVC, UPVC & CPVC etc....



Toggle Type Vertical Injection Moulding Machine

Vertical Injection Moulding Machine



**Vertical Clamping &
Vertical Injection Moulding Machine**



**Rotary Vertical Injection
Moulding Machine**



Material to be Used : PP, PPCP, HD, Nylon, ABS etc....

Horizontal Injection Moulding Machine (PLC)

Horizontal Injection Moulding Machine (PLC)





Ventricle Injection Molding Machine Specification

Shot Weight	gm	50	100	150	200	250	300	500	750	1000
Screw Die	mm	25	35	35	40	42	45	55	60	65
Injection Stroke	mm	125	130	140	200	240	240	280	340	400
Screw Speed	RPM	240	200	200	200	180	180	170	170	140
Screw L/D Ratio	L/D	18	18	18	19	20	20	20	20	20
Max. Mould Height	mm	175	250	275	325	350	375	450	500	550
Max. Mould Opening	mm	175	225	250	275	300	325	400	425	475
Max Mould Fitting	mm	120/175	300/250	325/275	350/325	350/350	375/350	425/375	450/410	450/450
Heater Electric Load	kw	1.5	3	3	4	4.5	5	7	7	10
No. of Zone	nos.	3	4	4	4	4	5	5	5	5
Oil Capacity	Ltr.	75	120	120	150	160	180	225	250	250
Electric Motor	HP	3	5	5	7.5	7.5	10	12.5	15	15

Horizontal Injection Molding Machine Specification

Clamping Force	Ton	70	85	100	130	170	200	260	350
Mould Opening	mm	260	300	340	370	425	470	540	630
Dist Between Tie Bar	mm	300/300	350/330	360/360	410/410	460/460	510/510	570/570	670/670
Screw Die	mm	35	38	42	45	50	55	65	75
Screw	L/D	19	18.2	20.5	20.5	20	18.2	19	19.6
Shot Weight	gm	100	150	200	260	390	500	800	1200
Electric Motor	HP	7.5	10	15	20	20	25	40	60
Heater Load	kw	7.5	8	8.5	9	10	12	17	25
Heater Zone	nos.	4	4	4	4	5	5	5	5

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