We Also Offer...

Two Platen Injection Moulding Machine PHM Series 160 - 350 Ton

PV Series 40 / 55 Ton

Horizontal Clamp / Vertical Injection PV Series

PVDL Series 40 -100 Ton

Vertical Clamp / Vertical Injection PVDL Series

PVDL-S Series 60 -140 Ton

Vertical Clamp / Vertical Injection PVDL-S Series With Sliding Moulds

PRATISHNA ENGINEERS
A 1-4, Vaibhav Ind. Premises, Opp. Oxford Chambers, Saki Vihar Road, Andheri (E),
Mumbai - 400 072, INDIA Tel. : +91-22-66970281/82 Tel. Fax : +91-22-66970284
email : marketing@pratishnaengineers.com
Website : www.pratishnaengineers.com

PET Injection Moulding Machines

Energy efficient, reliable, user friendly machines.

PLASTIC INJECTION MOULDING MACHINE 40 TON TO 350 TON

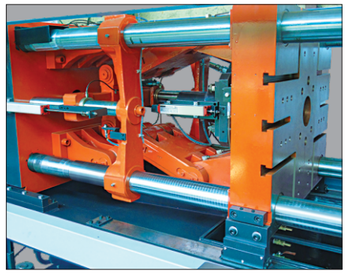
PRATISHNA ENGINEERS
email : marketing@pratishnaengineers.com / Website : www.pratishnaengineers.com

MODEL		VT - 75		VT - 100				VT - 120			
		R-SERIES		R-SERIES		H-SERIES		R-SERIES		H-SERIES	
	UNIT	A	B	A	B	A	B	A	B	A	B
INJECTION UNIT											
Screw Diameter	mm	32	27	32	27	35	32	35	32	38	35
Screw L/D Ratio		16:1	18:1	16:1	18:1	18:1	20:1	18:1	20:1	17.5:1	18:1
Max. Swept Volume	Cub.cm	130	92	130	92	168	140	168	140	243	206
Max. Shot Weight (PS)	gms	120	83	120	83	151	126	151	126	219	186
Max. Injection Pressure	Kg / cm2	1780	2500	1780	2500	1455	1750	1455	1750	1426	1680
Rate Of Injection	cc / sec	53	40	53	40	81	68	81	68	115	97
Screw Speed	rpm	300	300	300	300	275	275	275	275	250	250
Nozzle Force	Tons	2	2	2	2	3	3	3	3	3	3

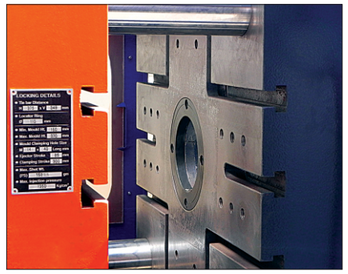
LOCKING UNIT						
Mould Clamping Force	Tons	75	100	100	120	120
Mould Clamping Stroke	mm	275	275	300	300	340
Mould Thickness - Min - Max.	mm	150 - 350	150 - 400	150 - 400	150 - 450	200 - 450
Max. Day Light Opening	mm	625	675	700	750	790
Space Betn. Tie Bars - H x V	mm	350 X 323	375 X 323	375 X 343	404 X 343	420 X 397
Platen Size	mm	550 X 510	575 X 510	590 X 570	630 X 570	640 X 590

HYDRAULIC EJECTOR						
Ejector Stroke	mm	85	85	85	85	100
Ejector Force	Tons	3.5	3.5	3.5	3.5	3.5

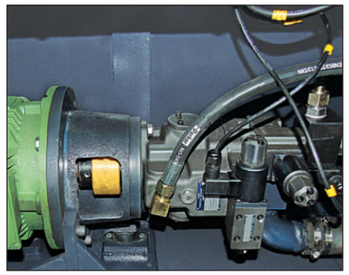
GENERAL						
Electric Motor	HP	7.5	7.5	10	10	12.5 / 15
Heating Capacity	HP	5	5	7	7	8
Total Connected Load	HP	12.5	12.5	17	17	23
Tank Capacity	Ltrs	150	150	225	225	245
Machine Weight	Tons	2.35	2.75	3.5	3.9	4.2
Floor Space (L x W x H)	Mtr.	3.6 X 1.25 X 1.5	3.6 X 1.25 X 1.5	3.9 X 1.25 X 1.75	3.9 X 1.25 X 1.75	4.05 X 1.6 X 1.8



Robust Five Point Twin Toggle Mechanism



Strong & Robust Steel Platens



Variable Pump

MODEL		VT - 140				VT - 160				VT - 200			
		R-SERIES		H-SERIES		R-SERIES		H-SERIES		R-SERIES		H-SERIES	
	UNIT	A	B	A	B	A	B	A	B	A	B	A	B
INJECTION UNIT													
Screw Diameter	mm	38	35	45	40	45	40	50	45	50	45	55	50
Screw L/D Ratio		17.5:1	18:1	18:1	20:1	18:1	20:1	18:1	20:1	18:1	20:1	18:1	20:1
Max. Swept Volume	Cub.cm	243	206	350	276	350	276	470	381	470	381	570	470
Max. Shot Weight (PS)	gms	219	186	315	250	315	250	423	350	423	350	515	423
Max. Injection Pressure	Kg / cm2	1426	1680	1580	2010	1580	2010	1600	1960	1600	1960	1523	1850
Rate Of Injection	cc / sec	115	97	128	100	128	100	196	159	196	159	212	175
Screw Speed	rpm	250	250	250	250	250	250	250	250	250	250	250	250
Nozzle Force	Tons	3	3	4	4	4	4	5	5	5	5	5	5

LOCKING UNIT							
Mould Clamping Force	Tons	140	140	160	160	200	200
Mould Clamping Stroke	mm	340	375	375	450	450	450
Mould Thickness - Min - Max.	mm	200 - 500	200 - 500	200 - 525	200 - 525	200 - 575	200 - 575
Max. Day Light Opening	mm	840	875	900	975	1025	1025
Space Betn. Tie Bars - H x V	mm	440 X 397	440 X 418	460 X 418	480 X 460	520 X 478	540 X 520
Platen Size	mm	660 X 590	675 X 630	705 X 650	720 X 725	775 X 770	780 X 780

HYDRAULIC EJECTOR							
Ejector Stroke	mm	100	100	100	125	125	125
Ejector Force	Tons	5	5	5	6	7	7

GENERAL							
Electric Motor	HP	12.5 / 15	20	20	25	25	30
Heating Capacity	HP	8	10.4	10.4	12	12	18
Total Connected Load	HP	23	30.4	30.4	37	37	48
Tank Capacity	Ltrs	245	350	350	400	400	450
Machine Weight	Tons	4.6	5	5.6	6.1	6.9	7.8
Floor Space (L x W x H)	Mtr.	4.05 X 1.6 X 1.8	4.5 X 1.6 X 2	4.5 X 1.6 X 2	5.5 X 1.6 X 2.2	5.5 X 1.6 X 2.2	6.2 X 1.6 X 2.3

Optional Features :

1. Servo driven Pump
2. Core pull - single / double
3. Extra long ejector
4. Energy meter
5. Robot Unit
6. Hopper Dryer / Loader