

We Also Offer...

Horizontal Clamp Horizontal Injection Moulding Machine VT Series 75 - 200 Ton



Hybrid Injection moulding machine PH series 120-140 Ton



Energy efficient, reliable, user friendly machines.

TWO PLATEN INJECTION MOULDING MACHINE PHM 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 LTD.

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SALIENT FEATURES OF MACHINE

- Balanced clamping force, it avoids corner flashes
- Moving platen on linear motion guide, it avoid guide pin wear
- Extra long opening with low floor space requirement
- Easy maintenance
- Very less requirement of oil handling compare to Ram/Direct locking machine hence low power consumption
- Extra long ejector and force
- Clamp force can be increase on demand
- Opening stroke can be increase on demand

CONTROLLER

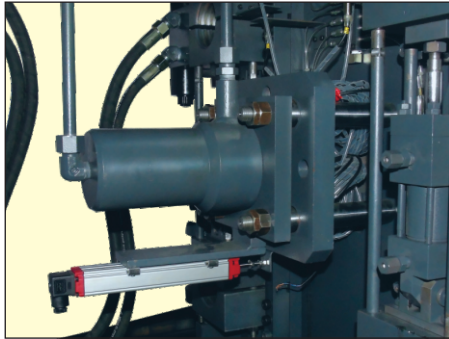
- MMI Core - 32-Bit ARM-Cortex M3 Embedded Processor
- LCD Backlite - LED-type, digitally controlled contrast
- Machine Scan Time - 1 msec fixed (1000 times/sec)
- No. of Mold Programs - 150
- Communications Ports - 1xUSB(2.0), 1xEthernet, 1xRS232
- History Database Memory - 2GB, data retention for machine lifetime
- Optional Modules - GSM Module Interface, Voice Annunciation



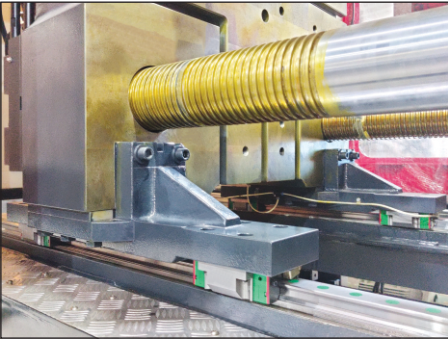
Controller SV 84 VIGNAN



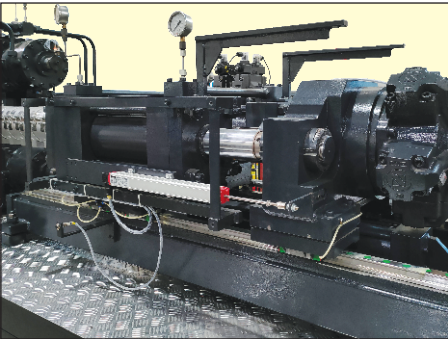
Smaller Moulds Provision



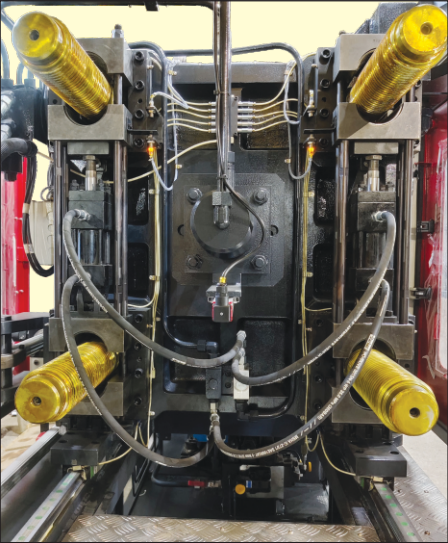
Longer And higher Ejector Force



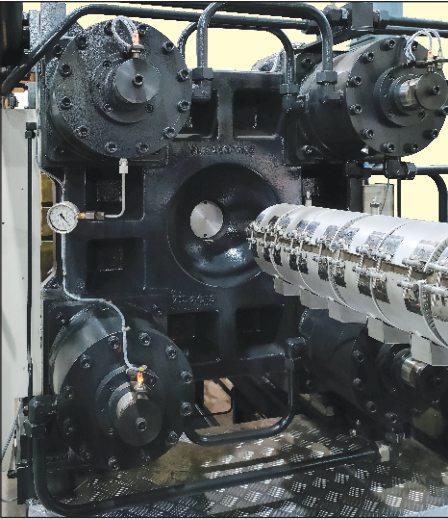
Linear motion guide for moving platen



Injection Unit



Hydromechanical locking



Balanced Clamping

Two Platen Injection Moulding Machine (Hydro - Mechanical) PHM 160 - 350 Ton

MODEL		PHM - 160		PHM - 200		PHM - 250		PHM - 350	
	UNIT	A	B	A	B	A	B	A	B

INJECTION UNIT									
Screw Diameter	mm	45	50	55	60	65	70	75	80
Screw L/D Ratio		20 : 1	18 : 1	19.6 : 1	18 : 1	18 : 1	16.8 : 1	18 : 1	16.8 : 1
Max. Swept Volume	Cub.cm	382	471	653	777	928	1077	1457	1658
Max. Shot Weight (PS)	gms	343	424	588	700	836	969	1311	1492
Max. Injection Pressure	Kg / cm2	2323	1882	2113	1776	1642	1416	1643	1444
Rate Of Injection	cc / sec	143	177	214	254	325	377	406	462
Screw Speed	rpm	275	275	250	250	250	250	250	250
Nozzle Force	Tons	5	5	6	6	7.5	7.5	7.5	7.5

LOCKING UNIT					
Mould Clamping Force	Tons	160	200	250	350
Mould Clamping Stroke	mm	1000	1100	1150	1350
Mould Thickness - Min - Max.	mm	225-645	240-655	250-700	300-800
Max. Day Light Opening	mm	1225	1340	1400	1650
Space Betn. Tie Bars - H x V	mm	460 X 440	560 X 540	640 X 640	720 X 720
Platen Size	mm	800 X 815	935 X 960	1080 X 1128	1195 X 1250

HYDRAULIC EJECTOR					
Ejector Stroke	mm	150	200	200	250
Ejector Force	Tons	7.5	7.5	9.5	12

GENERAL					
Servo Driven Pump	KW	24.1	31.4	36.1	48.2
Heating Capacity	KW	14.5	19.2	26.1	32.8
Total Connected Load	KW	38.6	50.6	62.2	81.0
Tank Capacity	Ltrs	440	550	770	1000
Machine Weight	Tons	6.5	8.5	12.5	14
Floor Space (L x W x H)	Mtr.	4.7 X 1.5 X 2.0	5.4 X 1.7 X 2.1	6.0 X 1.9 X 2.3	6.7 X 2.0 X 2.35