We Also Offer...

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

Hybrid Injection moulding machine PH series 120-140 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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Mumbai - 400 072, INDIA. Tel.: +91-22-66970281 / 82 Fax : +91-22-66970284
email : sales@pratishnaengineers.com / pratishnaengg@gmail.com / marketing@pratishnaengineers.com
Website: www.pratishnaengineers.com / www.pratishnamachines.com

Energy efficient, reliable, user friendly machines.

TWO PLATEN INJECTION MOULDING MACHINE PHM 160 - 350 TON

PRATISHNA ENGINEERS LTD.
email :sales@pratishnaengineers.com Website: www.pratishnaengineers.com / www.pratishnamachines.com

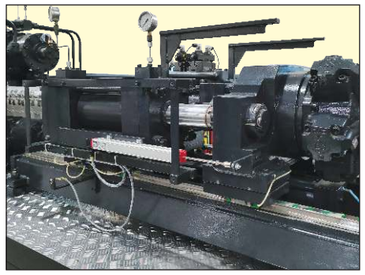
SALIENT FEATURES OF MACHINE

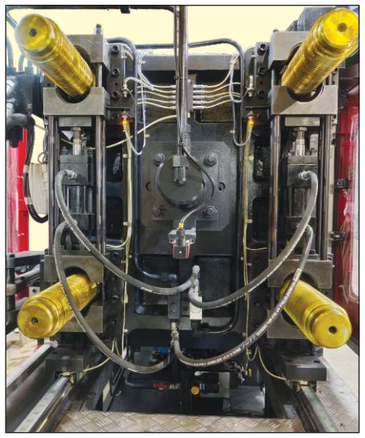
- Balanced clamping force, it avoids corner flashes
- Moving platen on linear motion guide, it avoid guide pin wear
- Extra long opening with low floor space requirement
- Easy maintenance
- Very less requirement of oil handling compare to Ram/Direct locking machine hence low power consumption
- Extra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

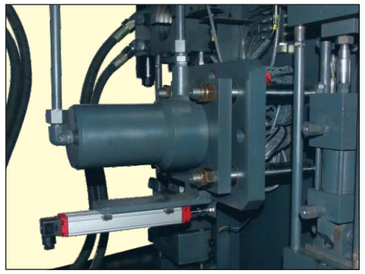
Controller SV 84 VIGNAN


Injection Unit


Hydromechanical locking

Balanced Clamping

Smaller Moulds Provision


Longer And higher Ejector Force

Linear motion guide for moving platen

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	