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Horizontal Clamp / Vertical Injection PV Series

PVDL Series 40 -100 Ton

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PVDL-S Series 60 -140 Ton

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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		18:1	18:1	18:1	18:1	19:1	20:1	19:1	20:1	17.5:1	19:1
Max. Swept Volume	Cub.cm	129	92	129	92	168	140	168	140	244	207
Max. Shot Weight (PS)	gms	116	82	116	82	151	126	151	126	219	186
Max. Injection Pressure	Kg / cm2	1780	2500	1780	2500	1680	2010	1680	2010	1862	2195
Rate Of Injection	cc / sec	70	50	70	50	95	80	95	80	107	91
Screw Speed	rpm	300	300	300	300	300	300	300	300	300	300
Nozzle Force	Tons	2.9	2.9	2.9	2.9	3.6	3.6	3.6	3.6	3.6	3.6

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	19:1	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	244	207	350	276	350	276	471	382	471	382	617	510
Max. Shot Weight (PS)	gms	219	186	315	249	315	249	424	343	424	343	556	459
Max. Injection Pressure	Kg / cm2	1862	2195	1778	2250	1778	2250	1764	2178	1764	2178	1674	2025
Rate Of Injection	cc / sec	107	91	140	111	140	111	177	143	177	143	224	185
Screw Speed	rpm	300	300	300	300	300	300	250	250	250	250	250	250
Nozzle Force	Tons	3.6	3.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7

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	165 - 400	165 - 450	190 - 450
Max. Day Light Opening	mm	625	675	700	750	790
Space Betn. Tie Bars - H x V	mm	350 X 323	376 X 326	376 X 344	410 X 345	420 X 397
Platen Size	mm	550 X 510	590 X 540	590 X 570	640 X 570	640 X 590

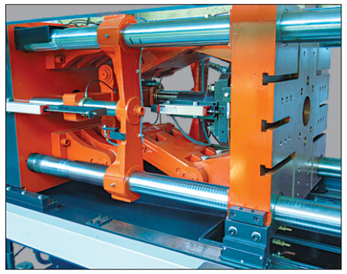
LOCKING UNIT							
Mould Clamping Force	Tons	140	140	160	160	200	200
Mould Clamping Stroke	mm	340	375	375	450	460	460
Mould Thickness - Min - Max.	mm	190 - 500	200 - 500	200 - 525	200 - 525	200 - 575	200 - 575
Max. Day Light Opening	mm	840	875	900	975	1035	1035
Space Betn. Tie Bars - H x V	mm	440 X 420	440 X 420	460 X 421	480 X 460	520 X 478	540 X 520
Platen Size	mm	675 X 640	675 X 640	705 X 650	720 X 725	775 X 770	800 X 770

HYDRAULIC EJECTOR						
Ejector Stroke	mm	75	85	85	85	100
Ejector Force	Tons	3.6	3.6	3.6	4.7	4.7

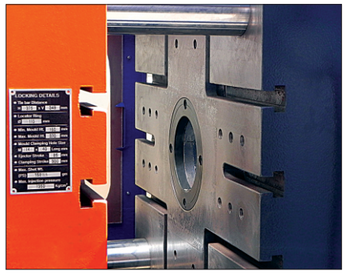
HYDRAULIC EJECTOR							
Ejector Stroke	mm	100	110	110	125	125	125
Ejector Force	Tons	4.7	7.5	7.5	7.5	7.5	7.5

GENERAL						
Servo Motor	KW	10.5	10.5	10.5	10.5	15.7
Heating Capacity	KW	7.0	7.0	8.0	8.0	8.0
Total Connected Load	KW	17.5	17.5	18.5	18.5	23.7
Tank Capacity	Ltrs	180	230	260	260	350
Machine Weight	Tons	2.35	2.75	3.5	3.9	4.2
Floor Space (L x W x H)	Mtr.	3.8 X 1.25 X 1.5	3.9 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

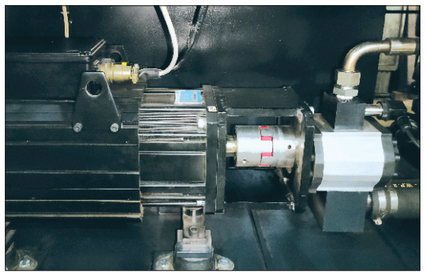
GENERAL							
Servo Motor	KW	.15.7	19.3	19.3	24.1	24.1	31.4
Heating Capacity	KW	8.0	12.5	12.5	14.5	14.5	16.7
Total Connected Load	KW	23.7	31.8	31.8	38.6	38.6	48.1
Tank Capacity	Ltrs	350	410	410	490	490	550
Machine Weight	Tons	4.6	5	5.6	6.1	6.9	7.8
Floor Space (L x W x H)	Mtr.	4.6 X 1.5 X 1.8	4.9 X 1.5 X 2	4.9 X 1.5 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



Robust Five Point Twin Toggle Mechanism



Strong & Robust Steel Platens



Servo driven Pump

Optional Features :

1. Variable Displacement pump
2. Core pull - single / double
3. Extra long ejector
4. Energy meter
5. Robot Unit
6. Hopper Dryer / Loader