



**SPECIFICATION FOR 'R.PVC' PROCESSING FULLY AUTOMATIC INJECTION
MOULDING MACHINES**

M/C MODEL	UNIT	IM:50	IM: 85	IM:100	IM :150	IM : 200	IM : 330	IM : 450 A	B
<i>Plasticising capacity</i>	Kg/hr	45	45	45	70	120	170	200	220
Calculated swept volume	cc	188	238	238	390	707	1558	2160	2670
Shot capacity (R.PVC)	gms	238	300	300	495	890	1965	2700	3300
Rate of Injection	Cc/sec	95	173	173	185	298	436	980	1220
Injection pressure	Kg/cm2	1012	1088	1088	1152	1250	1378	1422	1152
Screw diameter	mm	40	45	45	50	60	80	90	100
Screw L / D ratio	-	18:1	15.8:1	15.8:1	16.8:1	16:1	16.8:1	16.8:1	16:1
LOCKING UNIT									
Mould clamping force	Tons	50	85	100	125	200	330	450	
Size of mould plate	H	mm	500	550	600	710	810	940	1100
	V	mm	425	550	600	710	815	940	1100
Distance between tie bars	H	mm	350	360	400	510	540	630	720
	V	mm	350	360	400	510	540	630	720
Minimum mould height	mm	200	200	200	200	300	300	500	
Minimum mould height (without spacer)	mm		300	300			500		
Mould opening stroke	mm	350	350	350	600	700	1000	1000	
Max day light	mm	550	650	650	800	1000	1500	1500	
HYDRUALIC EQUIPMENT									
System pressure	kg/cm2	140	140	140	150	150	140	140	
HYDRUALIC EJECTOR									
Ejector Force	TONS	2.75	2.75	2.75	2.75	5.7	11	14	
Stroke	mm	70	110	110	110	140	200	200	
ELECTRIC SUPPLY									
Electric motor	kw	7.5	9.5	9.5	15	18.5	35	30+45	
Heating capacity	kw	5.5	4.5	4.5	7	9	15	22	
Installed total power	kw	13	14	14	22	27.5	50	97	
NET WEIGHT	Tons	3	4	4.2	5	8	15	29	
FLOOR SPACE									
Length	mm	4200	4750	4300	4700	6300	6000	10000	
Breadth	mm	1000	1000	1000	1100	1250	1800	2300	
Height	mm	1750	1850	1850	1950	2000	2500	2500	

NOTE : 1) TECHNICAL DATA ARE NOT BINDING AND MAY BE CHANGED WITHOUT NOTICE

INDOMAX ENGINEERS

MANUFACTURERS OF PLASTIC PROCESSING MACHINERY

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