



INJECTION UNIT		20V	30V	50V	60VR	60V	80V	110 V
(HP) Plasticising Capacity	Kg/hr	10	20	30	Rotary table		20	
Screw diameter	mm	20	25	30			25	
Screw L / D Ratio		18.1	18.1	20.1			18.1	
Calculated swept volume	cc	28	49	103			49	
Shot capacity (Polysterene)	gms	25	44	92			44	
Injection pressure	kg/cm2	2045	1800	1800			2200	
Rate of injection	cc/sec	25	78	70			103	
(MP) Plasticising Capacity	Kg/hr	15	25	35		30	35	35
Screw diameter	mm	25	30	35	30	35	35	40
Screw L / D Ratio		14.1	15.1	17.1	20.1	18.1	17.1	17.1
Injection stroke					140+10	160+10	160+10	160+10
Calculated swept volume	cc	46	70	135	103	158	135	201
Shot capacity (Polystyrene)	gms	41	63	121	93	130	121	180
Injection pressure	kg/cm2	1310	1250	1320	1800	1650	1320	1650
Rate of injection	cc/sec	39	60	95	86	70	95	120
Screw speed			10~250	10~250	10~300		10-250	
Nozzel contact force								
No.of heating zones		3	3	4	4	4	4	4
Hopper capacity					15	15	15	20
LOCKING UNIT								
Mould clamping force	Tons	20	30	50	60	60	80	110
Size of mould plate					800Ø			
Horizontal	mm	375	425	500		610	620	600
Vertical	mm	375	425	425		475	475	600
Distance between tie bars								
Horizontal	mm	250	305	350		450	450	400
Vertical	mm	250	305	250		310	280	400
Min. mould height	mm	150	150	150	150	200	200	200
Mould opening stroke	mm	300	350	350	350	250	300	300
Max day light	mm	450	500	500	500	450	500	500
HYDRUALIC EJECTOR								
Ejector force	Tons	2.5	2.5	2.5	2.75	2.75	2.75	2.75
Stroke	mm	70	70	70	70	70	70	70
HYDRUALIC EQUIPMENT								
System pressure	kg/cm2	140	150	150	150	150	150	150
Oil tank capacity	Litre	75	150	150	200	130	130	130
ELECTRIC SUPPLY								
Electric motor	kw	5.5	5.5	7.5	11or7.5	7.5	7.5	12.5
Heating capacity	kw	2.9	4.6	5.6	4.6	4.6	4.6	6
Installed total powder	kw	8.4	10.1	13.1	15.6	12.1	12.1	18.5
NET WEIGHT		1.8	2.2	2.3	2.7	2.5	3	
FLOOR SPACE								
Length	mm	1600	1600	1900	1515	1300		
Width	mm	900	1220	1200	2300	1800		
Height	mm	2600	1500	3600	3200	3500		

INDOMAX ENGINEERS

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