

ANNEXURE 'A'

JAGMOHAN DEFY SERIES - 200ML TO 5000ML SINGLE & DOUBLE STATION											
Specification	Unit	JMDF/200/S/1H	JMDF/200/D/1H	JMDF/500/S/1H	JMDF/500/D/1H	JMDF/1000/S/1H	JMDF/1000/D/1H	JMDF/3000/S/1H	JMDF/3000/D/1H	JMDF/5000/S/1H	JMDF/5000/D/1H
EXTRUDER											
Screw Diameter	MM	40	45	45	55	50	65	55	70	70	90
Length Dia. Ratio	L/D	22	22	22	22	22	22	22	22	22	22
Max. Plasticizing Cap.	KG/HR.	12-15	16-20	16-20	30-35	25-28	45-50	30-35	60-65	60-65	90-100
Max. Screw Speed	RPM	50	50	50	50	50	50	50	50	50	50
Max. Die Core Size (Min.\Max.)	MM	5\30	5\30	5\40	10\50	20\80	20\90	20\110	20\110	60\160	60\160
Heating Load	KW	4.2	5.6	5.6	8	4.5	10.5	8	12	12	20
Extruder Motor (Variable)	HP	5	7.5	7.5	10	10	15	10	15	15	30
Control & Heating Zone Blower	KW	2.5	2.5	2.5	4.5	4.5	5.8	5.8	8.4	8.4	8.4
CLAMPING											
Max. Width / Height	MM	200\175		250\175		220\340		350\350		400\450	
Maximum Opening	MM	275		320		355		410		510	
Minimum Closing	MM	150		160		180		210		260	
Mould Thickness\ Height	MM	75x2		80x2		90x2		105x2		130x2	
Daylight Opening	MM	125		160		175		200		250	
Centre Distance between Main & Deflasher Mould	MM	250		300		350		450		500	
Extrusion Head	MM	Double	Triple	Double	Triple	Double	Triple	Double	Triple	Double	Triple
Centre Distance (C.D.)	MM	60	50	70	50	100	60	130	80	150	110
Production Rate Approx. Provided <i>1) Consistent Chilling 12-15% 2) Alumac Material Mould 3) Recommended MFI of Raw Material</i>		Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams	Per Hr. - Grams
1 Head		280-30	475-30	380-40	550-40	220-60	400-60	160-120	270-120	120-220	250-220
HYDRAULIC SYSTEM											
Clamping Force	TON	1	1	2	2	5.6	5.6	8.2	8.2	12	12
Oil Tank Capacity	LITRES	100	100	100	100	165	165	165	165	165	200
Hydraulic Drive Motor	HP	3	5	5	7.5	7.5	10	10	12.5	12.5	20
Total Connected Load	HP/KW	17.2/12.8	23.3/17.4	23.3/17.4	34.2/ 25.5	29.5/22	46.8 / 34.9	38.5 / 28.7	54.8/40.9	54.8/40.9	88/65.6
MACHINE DIMENSIONS											
Machine Dimension (X)	Mtrs.	1.83	1.98	2.22	2.56	2.69	2.9	2.74	3.3	3	3.9
Machine Dimension (Y)	Mtrs.	1.52	1.78	1.55	1.69	1.63	2.44	1.37	3.03	2.19	3.3
Machine Dimension (Z)	Mtrs.	1.83	1.98	2.1	2.34	2.3	2.73	2.59	3	3.2	3.26
Machine Weight	Tons	0.8	1.5	1.1	1.9	2.1	2.2	3.2	4	4	4.5