



RANGE |

“60 | 80 | 110 | 150 | 200 | 250 Ton” |



NP SERVO
Toggle Injection Moulding Machine

TECHNICAL SPECIFICATION

MODEL	UNIT	NP-60	NP-80	NP-110	NP-150	NP-200	NP-250
INJECTION UNIT							
Injection Capacity Max (GPPS)	GRMS	91	135	265	390	617	820
Theoretical Displacement	CC	96	142	278	410	650	862
Injection Pressure	BAR	2000	2000	1850	1900	1850	1825
Screw Diameter	MM	32	36	45	50	60	65
Screw L/d Ratio		22	22	22	22	22	22
Screw Speed	RPM	300	280	260	220	200	200
Plasticizing Rate (GPPS)	GM/SEC	10	15	25	40	60	80
No. Of Pyrometers(Barrel+Nozzle)		3+1	3+1	3+1	4+1	4+1	4+1

CLAMP UNIT							
Clamp Force	ton	60	80	110	150	200	250
Clamp Stroke	mm	260	310	385	440	485	570
Maximum Daylight	mm	610	670	845	940	1110	1270
Minimum Mould Height	mm	110	130	150	150	170	250
Maximum Mould Height	mm	350	360	460	500	625	700
Platen Size (hvx)	mm	470x470	535x535	630x630	710x710	775x775	885x885
Distance Between Tie Rod	mm	310x310	360x360	425x425	475x475	525x525	600x600
Ejector Stroke	mm	75	95	120	130	140	150
Ejector Force	ton	2.9	2.9	3.5	4.5	4.5	6.5
Mould Weight Capacity	kg	500	800	1100	1600	2100	3000

GENERAL							
Servo Drive	kw	7.5	8.6	12	20.4	28.7	36.7
Total Oil Tank Capacity	ltr	200	200	280	400	500	600
Water Requirement	lpm	40	40	40	50	60	75
Connected Load	kw	12.5	16	20	30	41	50
Machine Dimensions(Lxwxh)	m	3.7x1x1.7	4.2x1.2x1.8	5x1.35x1.8	5.5x1.5x2	6x1.6x2.4	6.4x1.7x2.6
Machine Weight	kg	2200	3000	4550	5600	7450	9250

SPECIFICATIONS ARE SUBJECT TO CHANGE ON ACCOUNT OF TECHNICAL DEVELOPMENTS # WE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT ANY PRIOR NOTIFICATION



NP MACHINES

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