

Technical Specification NP D Series - Double Color

NP 80D to NP 150D

Description		NP 80D		NP 100D		NP 125D		NP 150D	
		A Side	B Side	A Side	B Side	A Side	B Side	A Side	B Side
Injection Unit									
Screw Diameter	MM	35	30	40	30	45	30	45	30
Injection Pressure	KG/SQ.CM	1400	1480	1600	1480	1800	1480	1900	1480
System Pressure	BAR	150	150	150	150	140	150	150	150
Injection Stroke	MM	135+10	135+10	190+15	135+10	190+15	135+15	190+15	135+10
Max. Shot Weight (PS)	GMS	172		200		280		330	
Plasticising Capacity	GMS/SEC.	11	10.5	16	10.5	20	10.5	25	10.5
Screw LD Ratio		21:1	21:1	22:1	21:1	22:1	21:1	23:1	21:1
Screw Revolution	RPM	250	250	190	260			210	280
No. of Heating Zone	NOS.	11		11		11		11	
Nozzle Contact Force	Tonnes	2.2		2.5		3.5		3.6	
Injection Time	SECOND	2.2	2.2	3.6	3.3	3.1	2.2	3.1	2.2
Locking Unit									
Type (INT. CASTED)		Vertical		Vertical		Vertical		Vertical	
Clamping Force	Tonnes	80		100		125		150	
Mold Opening Stroke	MM	300		360		420		470	
Locating Ring Dia.	MM	100		125		125		160	
Distance Bet. Tiebar	MM	365 X 365		410 X 410		465 X 465		515 X 515	
Max/Min Mold Height	MM	380 / 150		450 / 160		480 / 180		530/200	
Size of Mould Platten	MM	545 X 545		615 x 615		680 X 680		765 X 765	
Max. Day Light	MM	700		810		900		1000	
Ejection Force	Tonnes	2.75		4.5		4.5		7.5	
Ejector Cyl. Stroke	MM	100		130		130		130	
No. of Ejector Pin	NOS.	5		5		5		5	
Electricals									
Electric Motor	KW	15		18.5		22		22	
Heating Load	KW	22.8		22.8		26.5		26.5	
Total Electric Load	KW	37.8		41.3		48.5		48.5	
General Data									
Oil Tank Capacity	LITRE	200		200		270		350	
Machine Weight	TON	4.5		5.5		6.5		8.5	