MACHINE SPECIFICATIONS

SL NO	MACHINE NAME→ Specification ↓	UNITS	L&T 60 T Mc-15	L&T 150 T Mc-16	L&T 60 T Mc-17	L&T 60 T Mc-18	FM80T-Mc-20	L&T 100 T Mc-33	L&T 100 T Mc-34	L&T 150 T Mc-35	ENGEL 50T-Mc-41	ENGEL 80T-Mc-43	ENGEL 80T-Mc-44	ENGEL 120T Mc-45	ENGEL 120T-Mc-48	ENGEL 120T-Mc-50	FM 110T Mc-58	NISSEI 50T-Mc-65	NISSEI 50T-Mc-64	NISSEI 110T-Mc-63
1	CLAMPING FORCE	Ton	60	150	60	60	80	100	100	150	500KN	800KN	800 KN	1200 KN	1200KN	1200 KN	110	50	50	110
2	MODEL																			
3	SCREW DIA MAX	mm	30	40	30	30	32	35	35	40	30	30	30	40	40	40	36	19	28	32
4	SWEPT VOLUME	cc	80		80	80	85	153	153	200	80	80	80	200	200	200	126			
5	SHOT WEIGHT	grm	**90**	**225**	**90**	**90**	**135**	**145**	**145**	**225**	**130**	**130**	**130**		**145**		**135**	**75**	**90**	**125**
6	MAX INJECTION PRESSURE	Kg/cm²	2750	2500	2750	2750	2750	2644	2644	2500	2644	2644	2644	2500	2500	2500		2650	1960	2230
7	HYDRAULIC INJECTION PRESSURE	Kg/cm²	193.746	193.746	193.746	193.746	169.273	193.746	193.746	193.746	214.14	214.14	214.14	203.943	203.943	202.924				
8	INTENSIFICATION RATIO	-	14.19	12.90	14.19	14.19	16.25	13.65	13.65	12.90	12.35	12.35	12.35	12.26	12.26	12.32				
9	MAX INJECTION SPEED	mm/sec	90	90	90	90	104	84	90	90	100	139	139	102	147	102		500	500	270
10	LOCATING RING DIA	mm	125	125	125	125	100	125	125	125	100	100	100	100	100	100	100	100	100	100
11	MAX MOULD HEIGHT	mm	410	550	410	410	400	530	530	550	360	420	420	550	550	550	480	460	460	510
12	MINI MOULD HEIGHT	mm	180	200	180	180	150	200	200	200	120	130	130	200	200	200	150	170	170	220
13	PLATEN SIZE	mm x mm	480*480	720*720	480*480	480*480	520*520	600*600	600*600	720*720	460*460	520*520	520*520	720x720	720*720	720*720		505*505	505*505	647*647
14	DIST B/W TIE BAR	mm x mm	320X320	510*510	320X320	320X320	400*400	420*420	420 x 420	510*510	Tie Barless m/c	Tie Barless m/c	Tie Barless m/c	Tie Barless m/c	Tie Barless m/c	Tie Barless m/c		360*360	360*360	460*460
15	Max. DAY LIGHT	mm	410	550	410	410	710	530	530	550	380	420	420	550	550	550	830			
16	HRTC Integtation to Machine		-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-
17	TOTAL INSTALLED POWER	KW																4.3	4.3	9.5

SL NO	MACHINE NAME→ Specification ↓	UNITS	NISSEI 110T-Mc-62	NISSEI 140T-Mc-61	NISSEI 140T- Mc-60	THOSHIBA 80T M/C - 66	THOSHIBA 80T M/C - 67	THOSHIBA 80T M/C - 68	THOSHIBA 100T M/C - 69	THOSHIBA 100T M/C - 70	FANUC 100T M/C - 76	FANUC 100T M/C - 79	SHIBAURA TD 200T M/C - 80	NISSEI 180T M/C - 86	NISSEI 110T M/C - 87	NISSEI 50T M/C - 88	SHIBAURA TD 100T M/C - 89	SHIBAURA TD 100T M/C - 91	SHIBAURA TD 80T M/C - 95	SHIBAURA TD 80T M/C - 97
1	CLAMPING FORCE	Ton	110	140	140	80	80	80	100	100	100	100	200	179.9	110	49.9	100	100	80	80
2	MODEL												TD-200	EX180III T-3	EX110III T-1	EX50III T-5	TD01000656	TD01000683	TD00800118	TD00800118
3	SCREW DIA MAX	mm	32	40	40	32	32	32	36	36	32	32	50	45	32	26	36	36	32	32
4	SWEPT VOLUME	cc				121	121	121	178	178			442	286	101	49	178	178	121	121
5	SHOT WEIGHT	grm	**125**	**160**	**160**	**110**	**110**	**110**	**165**	**165**	**120**	**120**	**235**	**175**	**125**	**90**	**165**	165	**110**	**110**
6	MAX INJECTION PRESSURE	Kg/cm²	2230	2110	2110	2421	2421	2421	2501	2501	200 mm/sec	200 mm/sec	2022	286 Mpa	196 Mpa	196 Mpa	2501	2501	2421	2421
7	HYDRAULIC INJECTION PRESSURE	Kg/cm²				190	190	190	190	190	220 bar	220 bar	2022	-	-	-	190	190	190	190
8	INTENSIFICATION RATIO	-											1	All Electric	All Electric	All Electric				
9	MAX INJECTION SPEED	mm/sec	270	180	180	165	165	165	126	126	200	200	114	180	270	500	126	126	165	165
10	LOCATING RING DIA	mm	100	120	120	100	100	100	100	100	100	100	125	120	100	100	100	100	100	100
11	MAX MOULD HEIGHT	mm	510	550	550	480	480	480	530	530	520	520	685	610	460	460	530	530	480	480
12	MINI MOULD HEIGHT	mm	220	180	180	200	200	200	200	200	220	220	250	250	170	170	200	200	200	200
13	PLATEN SIZE	mm x mm	647*647	720*720	720*720	580*580	580*580	580*580	600*600	600*600	660*610	660*610	800x800	800x800	647x647	505x505	600*600	600*600	580*580	580*580
14	DIST B/W TIE BAR	mm x mm	460*460	510*510	510*510	400*400	400*400	400*400	420*420	420*420	460*410	460*410	530x530	560x560	460x460	360x360	420*420	420*420	400*400	400*400
15	Max. DAY LIGHT	mm				830	830	830	910	910			1185	610	510	460	910	910	830	830
16	HRTC Integtation to Machine		-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
17	TOTAL INSTALLED POWER	KW	9.5	13.1	13.1	22	22	22	23	23	18.1	18.1	30	36.7	24.3	24.2	23	23	22	22