

Machine Model Number		TMC 250E-SE			TMC 350E-SE			TMC 500E-SE			TMC 750E-SE			TMC 1000E-SE		
International Size Code		2500/1763			3500/3213			5000/4878			7500/6920			10000/11170		
A. Injection Unit Code		1763			3213			4878			6920			11170		
1. Screw size		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
2. Screw diameter	mm	55	60	65	70	75	80	80	85	95	95	100	110	110	120	130
3. Screw length to diameter ratio	L/D	21.8	20	19	21.4	20	19	21.3	20	18	21	20	18	21.8	20	19
4. Injection pressure @ 170bar	bar	2473	2078	1771	2385	2078	1826	2426	2149	1720	2170	1958	1618	2261	1900	1619
5. Injection stroke	mm	300			350			400			450			520		
6. Calculated injection volume	cm3	713	848	995	1347	1546	1759	2011	2270	2835	3190	3534	4277	4942	5881	6902
7. Injection capacity - PS	gm	656	780	916	1239	1423	1619	1850	2088	2608	2935	3252	3934	4546	5411	6350
8. Plasticizing rate (LS/HT)	kg/hr	119	151	188	189	229	267	161	187	251	281	318	411	474	588	731
(HS/LT)	kg/hr	150	190	237	235	284	331	232	269	361	386	437	564	592	734	913
9. Injection rate @ 70kg/cm2	cm3/sec	230	274	322	308	353	402	387	437	546	525	581	703	751	893	1049
10. Injection speed	mm/sec	97			80			77			74			79		
11. Screw speed / torque (LS/HT)	rpm/Nm	201/2212			170/3402			103/7140			115/7742			133/10240		
(HS/LT)	rpm/Nm	253/1750			211/2741			148/4928			158/5600			166/8270		
12. Nozzle force	kN	60			96			96			125			125		
13. Heating input power	kW	19.2			32			41			50			82		
14. Barrel heating zones	no.	3+2			4+2			4+2			4+2			4+2		
B. Clamping Unit Code		2500			3500			5000			7500			10000		
1. Clamping force	kN	2500			3500			5000			7500			10000		
2. Mold opening stroke	mm	510			640			820			1000			1150		
3. Open daylight	mm	1110			1390			1720			2000			2350		
4. Die-height available	mm	120~520			300~750			350~900			400~1000			600~1200		
5. Size of platens H x V	mm	850*850			1050*1050			1250*1250			1500*1500			1700*1700		
6. Space between tie-bars	mm	580*580			710*710			850*850			1000*1000			1150*1150		
7. Tie-bar diameter	mm	100			120			150			180			200		
8. Ejector force	kN	70			90			110			170			215		
9. Ejector stroke	mm	140			180			200			240			260		
C. General																
1. Pump motor power	kW (hp)	22(30)			15*2=30(40)			15+22=37(50)			22*2=44(59)			22*3=66(88)		
2. Hydraulic system pressure	bar	170			170			170			170			170		
3. Total installed power	kW	41.2			62			78			94			148		
4. Oil tank capacity	liter	600			800			1000			1400			1600		
5. Hopper capacity	kg	100			100			100			200			200		
6. Total machine weight (approx.)	kg	10000			16000			25000			40000			60000		
7. Machine dimensions LxWxH	m	5.85*1.50*2.23			7.39*1.80*2.36			8.68*1.98*2.53			10.7*2.15*2.85			11.97*2.43*3.05		

200
H4-800 H4-1000

130*2
H5-1250(H5-1500C)

130+200
H6-2200(H6-3200C)

200 * 2
H6-2500(H6-3500C)

200*3
MR-360C MR-4500