

Technical Specification TW Eco Series

TW 100 to TW 200

SR.NO.	DESCRIPTION	UNIT	TW 100	TW 125	TW 150	TW 200
A	INJECTION UNIT					
1	SCREW DIAMETER	MM	40	45	50	55
2	INJECTION PRESSURE	KG/CM ²	1430	1590	2450	1690
3	SYSTEM PRESSURE	BAR	150	150	150	150
4	SCREW STROKE	MM	165	215	215	250
5	STROKE VOLUME	CC	201	342	412	593
6	SHOT WEIGHT (PS)	GMS	181	321	330	534
7	INJECTION RATE	GMS/SEC	150	249	150	314
8	INJECTION TIME	SECOND	1.3	1.2	1.8	1.7
9	PLASTICISING CAP(PS) **MAX SPEED	GMS/SEC	18.45	22.92	27.5	33
10	L/D RATIO		19.6	20	20	20
11	SCREW REVOLUTION	RPM	310	320	350	260
12	HEATING CAPACITY	KW	8.8	13	14.9	16.7
13	NO. OF HEATING ZONE		4	5	5	5
14	NOZZLE CONTACT FORCE	TONNES	3.2	4.6	6.5	7
15	LOCATING RING DIAMETER	MM	125	125	160	160
B	LOCKING UNIT					
16	TYPE(INTEGRATED CAST)		VERTICAL	VERTICAL	VERTICAL	VERTICAL
17	CLAMPING FORCE	TONNES	100	125	150	200
18	MOLD OPENING STROKE	MM	365	420	470	540
19	MAX/MIN MOLD HEIGHT	MM	450/160	480/180	530/200	600/220
20	MAX.DAYLIGHT	MM	815	900	1000	1140
21	DIST. BETWEEN TIE BAR	MM	410 X 410	465 X 465	515 X 515	570 X 570
22	SIZE OF MOLD PLATEN	MM	600 X 600	680 X 680	765 X 765	840 X 840
23	EJECTOR FORCE	TONNES	3.9	4	6.2	6.2
24	EJECTOR STROKE	MM	130	130	130	130
25	NO. OF EJECTOR PIN	NOS	5	5	9	9
C	GENERAL DATA					
25	PUMP DRIVE	KW	15	18.5	22	30
26	TOTAL LOAD	KW	23.8	31.5	36.9	46.7
27	OIL TANK CAPACITY	LITRE	230	240	320	360
28	MACHINE DIM. L X W X H	MTR	4.39 X 1.12 X 2.08	4.98 X 1.21 X 2.22	5.60 X 1.34 X 1.27	6.0 X 1.14 X 2.34
29	MACHINE WEIGHT	TONNES	5	5.5	6.7	9