

MODEL		TP-30	TP-50	TP-75	TP-100	TP-125	TP-150	TP-200	TP-250	TP-300	TP-350	TP-400
INJECTION UNIT		A'	A B	A B	A B	A B	A B	A B	A B	A B	A B	A B
screw diameter	mm	25	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 80	80 90
screw L/D Ratio		224	214 184	214 184	214 18.5	214 194	214 194	214 194	214 194	214 19.5	214 18.5	214 18.5
shot weight (ps)	gms	40	50 60	95 125	150 195	225 280	320 390	440 530	580 690	760 1010	970 1290	1490 1900
stroke volume	cm ³	55	55 66	105 139	166 216	250 310	355 433	489 588	645 767	845 1125	1077 1433	1655 2110
screw stroke	mm	115	125	150	175	200	225	250	275	300	350	375
injection pressure	bar	1740	1695 1525	1650 1485	1595 1435	1550 1395	1515 1365	1485 1345	1435 1292	1405 1265	1380 1242	1350 1215
injection rate	gms/sec	37	40 52	58 67	62 85	66 88	108 137	132 153	177 215	246 292	255 299	289 386
plasticizing capacity	g/s	5	8 10.4	16 21	23 27	31 34	38 43	48 54	62 70	75 85	90 98	105 115
screw speed (max)	rpm	250	225	210	190	165	160	155	150	150	150	150
nozzle holding force	ton	4	4	5	5	5	5.5	5.5	6	6	6.5	6.5
nozzle stroke	mm	200	200	200	250	250	250	300	350	375	400	450

CLAMPING UNIT

clamping force	ton	30	50	75	100	125	150	200	250	300	350	400
mould opening stroke		200	225	250	300	350	400	450	500	550	600	650
mould height min. max	mm	100 250	100 250	100 325	150 350	200 400	200 450	200 500	225 550	250 600	300 650	350 700
tie bar diameter	mm	40	50	60	70	75	85	95	105	115	120	130
distance between tie rods (HxV)	mm	250X250	300X300	350X350	380X380	420X420	450X450	500X500	550x550	600x600	650x650	700x700
platen size (HxV)	mm	390X390	470X470	550X550	600X600	650X650	710X710	790X790	860x860	950x950	1020x1020	1150x1150
max daylight	mm	450	475	500	650	750	830	950	1050	1120	1170	1250
ejector force	ton	1.5	2	2	2.5	3	3	3.5	4	4	4.5	5
ejector stroke	mm	70	80	80	100	100	125	125	150	200	225	250

POWER SYSTEM

hyd. system pressure	kg/cm	140	140	140	140	140	140	140	140	140	140	140
oil tank capacity	liters	100	100	200	250	300	350	400	450	500	550	650
pump drive motor	hp/kw	5/3.7	5/3.7	7.5/5.5	10/7.5	12.5/9.3	15/11	20/15	25/18.5	30/22	40/30	40/30
heating capacity	kw	2.8	3.5	4.5	6	7.1	9.5	11	12.6	14	15	17.5
no.of heating zones		4	4	4	4	4	4	5	5	5	6	6
total power capacity	kw	6.5	7.2	10	13.5	16.4	20.5	26	31.1	36	45	47.5

OTHERS

hopper capacity	kg	25	25	25	25	25	30	30	35	35	50	50
machine weight approx	ton	2.5	3.0	3.5	4.0	4.5	5.5	7.8	10	12	13	14
floor space l x w x h approx	meter	3.5X0.8X1.3	3.5X0.8X1.3	3.8X1.1X1.5	4X1.2X1.6	4.3X1.3X1.7	4.5X1.4X1.8	5X1.5X1.9	5.5x1.6x2	6.25x1.7x2.1	7x1.8x2.2	7.6x1.9x2.3