

Mfg. Of.:
Plastic Processing Machinery & Parts.

Khodiyar
PLASTIC INDUSTRIES

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Ref No. :

Date :

SPECIFICATION FOR HT - 80 TON

INJECTION UNIT	UNIT			
SHOT WEIGHT (PS)	Gm.	60	90	120
THEORETICAL DISPLACEMENT	cc	62	82	102
INJECTION PRESSURE	Kg/Cm ²	2100	1950	1875
INJECTION RATE	cc/sec	40	63	85
INJECTION SCREW STROKE	mm	110	110	110
SCREW DIAMETER	mm	28	35	40
SCREW L/D RATIO	- -	26.8	21.4	18.7
SCREW SPEED	rpm	300	300	300
SCREW TORQUE @ 150 BAR	Nm	150	160	165
PLASTICIZING RATE (GPPS)	gm/sec	10	13	19
NO OF HEATING ZONE			3 + 1	
TOTAL HEAT CAPACITY	k w		6.4	

CLAMP UNIT

CLAMPING FORCE	ton	80
CLAMPING STROKE	mm	300
MAX. DAYLIGHT	mm	700
MIN. MOULD HEIGHT	mm	150
MAX. MOULD HEIGHT	mm	400
PLATEN SIZE (H X V)	mm	610 X 610
DIS. BETWEEN TIE ROD	mm	400 X 400
TIA ROD DIA.	mm	70
EJECTOR STROKE	mm	120
EJECTOR FORCE	ton	3.5

GENERAL

ELECTRIC MOTOR	kw (HP)	11 (15)
TOTAL OIL CAPACITY	L	225
WATER REQ.@ 29 C	Lpm	40
CONNECTED LOAD	k w	21.4
MACHINE DEM (L X W X H)	Mtr.	3.8 X 1.4 X 2.1
MACHINE WEIGHT (Aprox.)	kg.	3100

Spacification are change without any notice