

Mfg. Of.:
Plastic Processing Machinery & Parts.

Khodiyar
PLASTIC INDUSTRIES

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Ref No. :

Date :

SPECIFICATION FOR HT - 100 TON

INJECTION UNIT	UNIT			
SHOT WEIGHT (PS)	Gm.	150	185	240
THEORETICAL DISPLACEMENT	cc	132	175	235
INJECTION PRESSURE	Kg/Cm ²	2100	1950	1800
INJECTION RATE	cc/sec	90	98	115
INJECTION SCREW STROKE	mm	180	180	180
SCREW DIAMETER	mm	35	40	45
SCREW L/D RATIO	- -	25.7	22.5	20
SCREW SPEED	rpm	280	280	280
SCREW TORQUE @ 150 BAR	Nm	225	245	275
PLASTICIZING RATE (GPPS)	gm/sec	12	18	24
NO OF HEATING ZONE			4 + 1	
TOTAL HEAT CAPACITY	k w		11.3	

CLAMP UNIT

CLAMPING FORCE	ton	100
CLAMPING STROKE	mm	325
MAX. DAYLIGHT	mm	800
MIN. MOULD HEIGHT	mm	150
MAX. MOULD HEIGHT	mm	475
PLATEN SIZE (H X V)	mm	670 X 670
DIS. BETWEEN TIE ROD	mm	435 X 435
TIA ROD DIA.	mm	80
EJECTOR STROKE	mm	120
EJECTOR FORCE	ton	3.5

GENERAL

ELECTRIC MOTOR	kw (HP)	15 (20)
TOTAL OIL CAPACITY	L	250
WATER REQ.@ 29 C	Lpm	50
CONNECTED LOAD	k w	26.3
MACHINE DEM (L X W X H)	Mtr.	5.2 X 1.4 X 2.1
MACHINE WEIGHT (Aprox.)	kg.	4500

Spacification are change without any notice