

**Mfg. Of.:**  
Plastic Processing Machinery & Parts.

**Khodiyar**  
**PLASTIC INDUSTRIES**

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Ref No. :

Date :

### SPECIFICATION FOR HT - 50 TON

INJECTION UNIT	UNIT			
SHOT WEIGHT (PS)	Gm.	40	55	67
THEORETICAL DISPLACEMENT	cc	45	56	63
INJECTION PRESSURE	Kg/Cm <sup>2</sup>	2100	1950	1800
INJECTION RATE	cc/sec	50	65	75
INJECTION SCREW STROKE	mm	110	110	110
SCREW DIAMETER	mm	24	28	30
SCREW L/D RATIO	- -	26.8	22.9	21.3
SCREW SPEED	rpm	310	310	310
SCREW TORQUE @ 150 BAR	Nm	170	170	170
PLASTICIZING RATE (GPPS)	gm/sec	5	9	12
NO OF HEATING ZONE			3 + 1	
TOTAL HEAT CAPACITY	k w		6.4	

### CLAMP UNIT

CLAMPING FORCE	ton	50
CLAMPING STROKE	mm	275
MAX. DAYLIGHT	mm	600
MIN. MOULD HEIGHT	mm	120
MAX. MOULD HEIGHT	mm	325
PLATEN SIZE (H X V)	mm	500 X 500
DIS. BETWEEN TIE ROD	mm	310 X 310
TIA ROD DIA.	mm	55
EJECTOR STROKE	mm	100
EJECTOR FORCE	ton	2.3

### GENERAL

ELECTRIC MOTOR	kw (HP)	9.3 (12.5)
TOTAL OIL CAPACITY	L	200
WATER REQ.@ 29 C	Lpm	40
CONNECTED LOAD	k w	17.4
MACHINE DEM ( L X W X H)	Mtr.	3.5 X 1.2 X 2.1
MACHINE WEIGHT (Aprox.)	kg.	2400

Spacification are change without any notice