

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

**Khodiyar**  
**PLASTIC INDUSTRIES**

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Ref No. :

Date :

### SPECIFICATION FOR HT - 30 TON

INJECTION UNIT	UNIT			
SHOT WEIGHT (PS)	Gm.	18	28	36
THEORETICAL DISPLACEMENT	cc	20	30	35
INJECTION PRESSURE	Kg/Cm <sup>2</sup>	2100	1950	1875
INJECTION RATE	cc/sec	30	50	60
INJECTION SCREW STROKE	mm	85	85	85
SCREW DIAMETER	mm	18	22	24
SCREW L/D RATIO	- -	27	21.9	20
SCREW SPEED	rpm	360	360	360
SCREW TORQUE @ 150 BAR	Nm	60	100	160
PLASTICIZING RATE (GPPS)	gm/sec	3	5	6.5
NO OF HEATING ZONE			3 + 1	
TOTAL HEAT CAPACITY	k w		5.5	

### CLAMP UNIT

CLAMPING FORCE	ton	30
CLAMPING STROKE	mm	225
MAX. DAYLIGHT	mm	500
MIN. MOULD HEIGHT	mm	120
MAX. MOULD HEIGHT	mm	275
PLATEN SIZE (H X V)	mm	395 X 395
DIS. BETWEEN TIE ROD	mm	250 X 250
TIA ROD DIA.	mm	45
EJECTOR STROKE	mm	80
EJECTOR FORCE	ton	1.7

### GENERAL

ELECTRIC MOTOR	kw (HP)	7.5 (10)
TOTAL OIL CAPACITY	L	150
WATER REQ.@ 29 C	Lpm	40
CONNECTED LOAD	k w	13
MACHINE DEM ( L X W X H)	Mtr.	3.1 X 1.2 X 2.0
MACHINE WEIGHT (Aprox.)	kg.	1850

Spacification are change without any notice