

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

**Khodiyar**  
**PLASTIC INDUSTRIES**

**B-1, Maruti-2 Ind. Estate, Nr. Hotel Safari, Odhav Ring Road Circle, Odhav,  
Ahmedabad-382415. e-mail : ksblion@yahoo.com web-site : www.ksblion.co.in**

Ref No. :

Date :

### SPECIFICATION FOR HT - 175 TON

INJECTION UNIT	UNIT			
SHOT WEIGHT (PS)	Gm.	505	610	705
THEORETICAL DISPLACEMENT	cc	495	585	670
INJECTION PRESSURE	Kg/Cm <sup>2</sup>	2100	1950	1875
INJECTION RATE	cc/sec	205	240	250
INJECTION SCREW STROKE	mm	240	240	240
SCREW DIAMETER	mm	55	60	65
SCREW L/D RATIO	- -	26	23.8	22
SCREW SPEED	rpm	225	225	225
SCREW TORQUE @ 150 BAR	Nm	340	340	340
PLASTICIZING RATE (GPPS)	gm/sec	26	35	53
NO OF HEATING ZONE			4 + 1	
TOTAL HEAT CAPACITY	k w		16.9	

### CLAMP UNIT

CLAMPING FORCE	ton	175
CLAMPING STROKE	mm	500
MAX. DAYLIGHT	mm	1210
MIN. MOULD HEIGHT	mm	200
MAX. MOULD HEIGHT	mm	710
PLATEN SIZE (H X V)	mm	810 X 810
DIS. BETWEEN TIE ROD	mm	570 X 570
TIA ROD DIA.	mm	100
EJECTOR STROKE	mm	150
EJECTOR FORCE	ton	4.5

### GENERAL

ELECTRIC MOTOR	kw (HP)	22 (30)
TOTAL OIL CAPACITY	L	500
WATER REQ.@ 29 C	Lpm	70
CONNECTED LOAD	k w	38.9
MACHINE DEM ( L X W X H)	Mtr.	6.2 X 1.7 X 2.7
MACHINE WEIGHT (Aprox.)	kg.	8500

Spacification are change without any notice