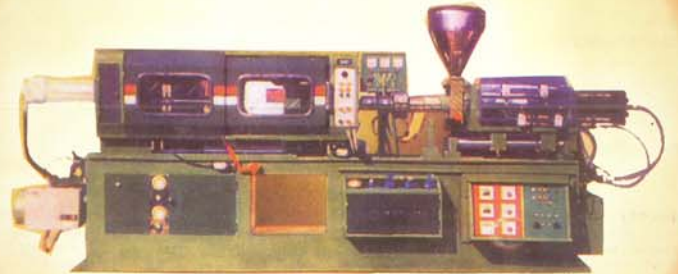




Mfgs. of **P. PLAST** TM Brand

S.A. ENGINEERING

Fully Automatic Screw Type Plastic Injection Moulding Machine With Single, Double, Three and Four Colours and Colour Attachments, Rotary type for Stage Machine



HYDRAULIC PRESS



Mfgs. of **P. PLAST** TM Brand
S.A. ENGINEERING

JULIOUS WADI, OPP. JURASSIC PARK, GAON DEVI MANDIR,
SURVEY NO. 140, ALI TALAB, KHARODI, MALWANI,
MALAD (W), MUMBAI - 400 095. (INDIA).
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HORIZONTAL PLASTIC INJECTION MOULDING MACHINE SPECIFICATION



M/s. Models	PPD 50	PPD 80	PPD 130	PPD 180	PPD 250	PPD 300	PPR 50	PPR 80	PPR 130	PPR 180	PPR 250	PPR 300	PPR 400
MOULD CLAMPING UNIT													
Mould Clamping Force	Tonnes	50	80	130	180	250	300	50	80	130	180	250	300
Size of Mould Plate	H mm	315	530	550	710	880	920	400	530	550	710	880	920
	V mm	400	530	550	710	880	920	400	530	550	710	880	920
Distance between TIE BARH	H mm	175	330	360	460	560	620	260	330	360	460	560	620
	V mm	260	330	360	460	560	620	260	330	360	460	560	620
Minimum Mould Height (Without mould spacer)	mm	175	200	200	250	250	300	150	200	200	200	300	500
	mm							225	300	300	300	400	500
Max. Mould Height	mm	300	350	400	450	500	550						
Max. Mould Opening Stroke	mm	350	300	350	400	450	650	350	450	550	600	750	1000
Max. Day Light	mm	650	650	750	850	950	1200	575	750	850	900	1150	1400
INJECTION UNIT													
Screw Diameter	mm	30	35	40	45	60	75	30	35	40	50	65	75
Max. Inj. Pressure	kg/cm ²	1600	4500	1500	1500	1450	1450	1700	1700	1700	1600	1600	1500
Shot Capacity (Polystyrene)	gms	80	120	150	250	450	1150	80	120	150	250	450	1050
Calculated Swept Volume (NP)	cc	140	195	308	450	660	850	140	195	308	450	660	850
Max. Rate of Injection	cc/sec	150	180	210	250	300	380	150	180	250	250	300	380
L/D Ratio		18:01	18:01	18:01	18:01	18:01	18:01	18:01	18:01	18:01	18:01	18:01	18:01
HYDRAULIC EQUIPMENT													
Pump Pressure	kg/cm ²	140	140	140	140	140	140	140	140	140	140	140	140
HYDRAULIC EJECTOR													
Ejector Force	Tonnes	2.5	3.7	5.7	5.7	7.5	14	2.5	3.7	5.7	7.5	7.5	14
Stroke	mm	75	110	140	200	200	200	75	110	140	200	200	250
ELECTRIC SUPPLY													
Electric Motor	HP	5	7.5	10	20	25	40	5	7.5	10	20	25	40
Heating Capacity	KW	2.8	4.5	5.8	8.2	10.5	18.5	2.8	4.2	5.8	7.2	9.5	15.5
TOTAL POWER	KW	10.3	14.5	18.5	23.2	29.2	48.5	10.3	14.5	18.5	23.2	29.2	48.5
WEIGHT	Tonnes	2.6	3.5	4.9	7.5	9.7	14.5	2.7	3.8	5.2	8.2	10.5	15.5
FLOOR SPACE													
	L mm	3600	4200	5600	5600	6200	7300	3900	4300	4800	5600	6300	7400
	W mm	800	950	1000	1100	1150	1300	800	950	1000	1100	1150	1350
	H mm	1800	1900	2000	2100	2100	2300	1800	1900	2000	2100	2100	2300

DOUBLE / THREE / FOUR COLOUR, MULTI COLOUR ATTACHMENTS, FOR ANY PLASTICS INJECTION MOULDING MACHINES S.A. ENGINEERING, Presents the range of Plastic Injection Moulding Machine incorporating State-of-the-art technology. The machines are compact, sturdy, high speed aesthetically designed. The fully hydraulic clamping unit provides consistent clamping force which assures optimum on quality and efficiency. The fully automatic mechanical and electronic controls ensures ease of operation, maximum safety and high productivity!

Specifications are subject to change without prior notice

Honing Machine As per requirement



Size : Length : Up To 4 Meters
ID : 500 mm



Fully Automatic Vertical Screw Type Single / Double / Three Colour Injection Moulding Machine

Injection Unit	UNIT	SAE 20	SAE 40
Screw Diameter	mm	26	30
Screw LD Ratio	-	17.5	17.5
Injection Rate	cc / sec	40	82
Max. Swept Volume	cc	60	85
Max. Shot Weight	gms (PS)	40	60
Injection Pressure	kg/cm ²	1250	1360
Max. Screw Speed	rpm	10-200	10-200
Injection Stroke	mm	125+15	140+15
Hopper Capacity	kg	6	9
CLAMPING UNIT			
Mould Clamping	tonnes	20 tonnes	40 tonnes
Mould Platen Size	mm	H360x300 w	H425x350w
Max. Area for Die Mounting	mm	225 x 165	280 x 215
Max. Mould Opening	mm	160mm	200
Min. - Max. Mould	mm	100-200	100-250
Max Day Light	mm	360	450
ELECTRICALS			
Electric Motor	Hp	3 Hp	5 Hp
Heating Zone	Hp	3 + 1	3 + 1
Heating Load	Hp	3.4 Hp	4.5 Hp
Oil Tank Capacity	Ltr.	80 ltr.	110

Specification are subject to change without prior notice.

Vertical Injection Moulding Machine

