

G-PLAST Private LTD - INJECTION MOLDING DIVISION

TECHNICAL DATA SHEET

Machine Make	ENGEL AUSTRIA							FANUC JAPAN	ARBURG GERMANY	L&T DEMAG INDIA					SUPER MASTER TAIWAN			WINDSOR INDIA	
Model	ENGEL 80/25	ENGEL 80/45	ENGEL VC 80/45	ENGEL E-MOTION - 55 - All Electric	ENGEL 120T	ENGEL VC 650 / 150	ENGEL VC 1800 / 300	FANUC 100B - All Electric	ARBURG - 60 ,320C-600-250 [Horizontal & Vertical]	LTM DEMAG 40	DL 150 [with QMC]	LTM DEMAG 150	LTM DEMAG 250 [with QMC]	LTM DE-TECH 100	SM-250	SM-350	SM-450	SP-180DD	SP-300
Clamping Tonnage	25T	45T	45T	55T	120T	150T	300T	125T	60T	40T	150T	150T	250T	100T	250T	350T	450T	180T	300T
Screw dia (mm)	18	18	18 / 25	30	40	45 / 45	60 / 60 / 70	36	35	32	45	45	60	45	60/67	67	75 /75/93	50	70
Shot Wt. (in Gms)	22	22	22 / 54	78	225	295	710 / 940	130	121	87	230	230	630	230	598 / 746	843	1239 / 1906	338	846
Min./Max. Mold thickness(mm)	150	180	180	150/350	300	245	300 [100mm reduction spacer]	250 / 550	200	180 / 350	186 / 516	220 / 550	266 / 666	200 / 480	200 / 640	260 / 700	300 / 800	200	300
Max opening daylight(mm)	330	350	530	620	800	845	1200 [100mm reduction spacer]	900	550	660	946	980	1216	830	1785	2060	2350	900	1300
Distance between TIE BARS(mm)	Tie bar less	Tie bar less	Tie bar less	Tie bar less	Tie bar less	Tie bar less	Tie bar less	460 x 410	320X320	320X320	460X460	460X460	560X560	400X400	560X560	700X700	780X750	430x430	530X530
Platen Size HXV(mm)	470X280	550x330	550 x 430	550 x 500	740 X 680	750 X 520	1100 x 700	660 x 610	446X446	480X480	700X700	700X700	860X860	580X580	840X840	1035X1075	1160X1100	650X660	830X830
Clamping Mechanism	RAM	RAM	RAM	TOGGLE	RAM	RAM	RAM	TOGGLE	RAM	TOGGLE	TOGGLE	TOGGLE	TOGGLE	TOGGLE	TOGGLE	TOGGLE	TOGGLE	RAM	RAM
Max. Ejector Stroke(mm)	70	100	100	100	130	130	200	100	125	100	160	160	160	160	125	150	180	120	200
Ejector System	hydraulic	hydraulic	hydraulic	Electric	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
Core Pulling	YES	YES	YES	No	NO	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES
No. of Machines	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1

Support Units:

◆ PULSE COOLING SYSTEM

◆ MOLD HEATERS [Oil]

◆ DEHUMIDIFIERS

◆ AUTO LOADERS

◆ WATER CHILLER UNITS

◆ HOT SPRUE CONTROLLERS

◆ RATIO MIXER

◆ GRANULATOR

◆ HOPPER DRIER

◆ STATIC ELIMINATOR

◆ QUICK CLAMPING DEVICES

◆ THREE TIER MOLD RACKS