

## MACHINE SPECIFICATION

### INJECTION MOLDING

MACHINE NUMBER	1	2	3	4	5	6	7	8	9	10
MAKE	NISSEI - 1997	OIMA - 1987	NISSEI - 1997	OIMA - 1990	MITSUBISHI - 2004	Zhafir - 2008	BATTENFELD-1992	MITSUBISHI - 1989	NISSEI 1998	NISSEI/VERT-1996
MODEL	FN8000	3100-550S	FV9000	4600-750S	950MMJ-160	VE-90 12H	BA 350 CD PLUS	170-MSII	NS60-9A	ST20R2V
SERIAL NUMBER	S46S048	029-107	S90S022	032-101	MMG816W89	2.00816E+14	13592A350509106	2S159044	E60T012	S-T02R007
<b>CLAMP UNIT</b>										
CLAMP FORCE (Metric Ton/ US Ton)	456 / 496	550 / 606	561 / 618	750 / 827	852 / 937	91/101	31.8 / 35	170 / 187	64/70	22/24 VERTICAL
TYPE	HYDRAULIC PISTON	TOGGLE CLAMPING	HYDRAULIC PISTON	TOGGLE CLAMPING	HYDRAULIC MECHAN	ELECTRIC	HYDRAULIC PISTON	HYDRAULIC PISTON	HYDRAULIC PISTON	HYDRAULIC PISTON
TIE BAR SPACING (HxV)	32.3"x32.3" (820mmx820mm)	28.74"x28.74" (730x730mm)	38.2"x38.2" (970mmX970mm)	33.46"x33.46" (850mmx850mm)	51.2"x47.2" (1300mmx1199mm)	16.6"X"14.64" 422mmx372mm)	12"x10" (305mmx254mm)	20.08"x20.08" (510mmx510mm)	13.6"x13.6" (345mmx345mm)	<b>ROTATON (600mm)</b>
PLATEN SIZE (HxV)	46.8" x 46.8" (1189mmx1189mm)	43.7"x43.7" (1110x1110mm)	53.5"x53.5" (1360mmx1360mm)	52.36"x52.36" (1330mmx1330mm)	70.9"x66.9" (1801mmx1699mm)	24.21"x22.44" (615mmx570mm)	17.70"x15.80" (450mmx401mm)	29.13"x29.13" (740mmx740mm)	19.606"x19.606" (498mmx498mm)	9.84"x9.84" (250mmx250mm)
MAXIMUM CLAMP STROKE	40.35" (1025mm)	15.7"~32.7" (400~830mm)	35.4" (900mm)	17.71"~36.22 (450~920mm)	68.9" (1750mm)	12.6" (320mm)	12.79" (325mm)	24.8" (630mm)	16.929" (430mm)	7.87" (200mm)
MOULD SHUT HEIGHT	14.76" (375mm)	9.8" (250mm)	15.7"~35.4" (400~900mm)	15.74" (400mm)	19.7" ~ 43.3" (500mm~1100mm)	5.9"-14.96" (150mm-380mm)	10.5" (267mm)	8.7" (220mm)	6.693" (170mm)	5.90" (150mm)
MAXIMUM DAYLIGHT	55.12" (1400mm)	35.4" (900mm)	71.2" (1808mm)	40.35" (1025mm)	88.6" (2250mm)	27.6" (700mm)	22.7" (583mm)	33.5" (850mm)	23.622" (600mm)	13.78" (350mm)
MIN MOULD DIMENSION	11"x11" (280mmx280mm)	15.7" (400mm)	11.81" (300mm)	15.74" (400 mm)	26.77x26.77x19.70" (680x680x500mm)	10.63"x9.45" (270mmx240mm)	10.5" (267mm)	8.7" (221mm)	6.693" (170mm)	
HYDRAULIC EJECTOR STROKE	6.3" (160mm)	11.81" (300mm )	7.0" (177.8mm)	14.96" (380mm)	7.9" (200.66mm)	3.15" (80mm)	3.9" (99.06mm)	3.9" (99.06mm)	2.8" (70mm)	1.77" (45mm)
Ejector KO Ø										
<b>INJECTION UNIT</b>										
SHOT SIZE (PS)	92.77 oz (2630 gms)	95.25 oz (2700 gms)	131 oz (3714 gms)	99.82 oz (2830 gms)	147 oz (4160 gms)	2.47 oz (70 gms)	1.81 oz (51.3 gms)	16.2 oz (459.26 gms)	2.82 oz (80 gms)	0.8 oz (22.8 gms)
INJECTION PRESSURE	122.1 Mpa (17,709 Psi)	1050 kg/cm <sup>2</sup> (21,050 Psi)	21543 Psi	1480 kg/cm <sup>2</sup> (21050 Psi)	25810 Psi	150 Mpa (21,756 Psi)	21,640 Psi	26,263 Psi	1885 kg/cm <sup>2</sup>	1415 kg/cm <sup>2</sup>
SCREW DIAMETER	3.54" (90mm)	3.9" (100mm)	3.9" (100mm)	3.9" (100mm)	4.13" (105mm)	1.18" (30 mm)	1.18" (29.97mm)	1.97" (50mm)	1.28" (32mm)	.87" (22mm)
SCREW SPEED	High Low	0 ~ 120 rpm 215 Newton	0~110 rpm 170 Newton	0~110 rpm 110~160 rpm	130 Newton	77 ~ 154 rpm	400 rpm	335 rpm Max	0 ~ 220 rpm	0~220 rpm 0~275 rpm
Locating Ring Ø	Ø4.00"	Ø4.00"	Ø4.00"	Ø4.00"	Ø4.00"	Ø4.00"	Ø4.00"	Ø3.25"	Ø4.00"	Ø3.990" Ø2.364"
Sprue Radius	R 1/2	R 1/2	R 1/2	R 1/2	R 3/4	R 1/2	R 1/2	R 1/2	R 1/2	R 1/2
<b>ELECTRICAL UNIT</b>										
PUMP MOTOR	75 HP	74 kW	60 HP	74 kW	74 HP	n/a	17 HP	30 HP	15 Kw	
PRIMARY VOLTAGE/ PHASE/CYCLE	575/3/60 - 71 A	575/3/60	460/3/60 - 146 A	575/3/60 - 140 kW	480/3/60 - 180 A	460/3/60- 45 A	460/3/60 72 A	480/3/60 - 37.5 A	460/3/60 - 31.2 A	575/3/60 - 23A
HEATER VOLTAGE /PHASE/CYCLE	33.7 Kw	230/3/60 - 32 Kw	230/3/60	64 kw	230/3/60	460/3pz/60Hz-5.4 Kw	230/3/60	460/3/60	460/3/60 - 6.2 kw	230/3/60 - 7A