

TOSHIBA MACHINE

ISGS500 HYDRAULIC INJECTION MOLDING MACHINE SPECIFICATIONS

	ITEM	UNITS	ISGS500			
CLAMP	CLAMP CLOSING FORCE	tons-US	495			
		tons-m	450			
	CLAMP OPENING FORCE	tons-US	27			
		tons-m	24.5			
	TIE BAR SPACING (H x V)	in	34.2 x 34.2			
		mm	870 x 870			
	PLATEN DIMENSION (H x V)	in	48.4 x 48.4			
		mm	1230 x 1230			
	CLAMP STROKE	in	41.3			
		mm	1050			
	DAYLIGHT (OPEN/CLOSE)	in	55.1 / 13.8			
		mm	1400 / 350			
	CLAMP SPEED (CLOSE/OPEN)	in/sec	30 / 30			
		mm/sec	760 / 760			
EJECTOR FORCE	tons-US	13.5				
	tons- m	12				
EJECTOR STROKE	in	6.3				
	mm	160				
INJECTION			27AT	27B	34AT	34B
	INJECTION CAPACITY (GPPS)	oz	48	63	61	77
		g	1360	1780	1730	2190
	SCREW DIAMETER	in	2.8	3.2	3.2	3.5
		mm	70	80	80	90
	INJECTION VOLUME	in3	90	118	115	145
		cm3	1480	1930	1880	2380
	INJECTION PRESSURE	PSI	25900	19800	26500	21000
		kgf/cm2	1810	1380	1860	1470
	INJECTION RATE	in3/sec	32	41	31	39
		cm3/sec	520	680	505	640
	MAX SCREW SPEED	RPM	180	170	170	150
		RPM	180	170	170	150
	PLASTICIZING RATE (GPPS)	oz/sec	2.5	3.3	3.3	3.9
g/sec		72	94	95	111	
GENERAL	*CORE VOLUME CLAMP STOP	gpm	60			
		L	227			
	*CORE VOLUME ON THE FLY	gpm	30			
		L	113			
	RUNNING LOAD @ 460V	amps	129			
		amps	129			
	COOLING WATER REQUIRED	gal	13			
		L	49			
	MOTOR	HP	75			
		kw	55			
	OIL RESERVOIR CAPACITY	gal	343			
		l	1300			
	SHIPPING WEIGHT (EST.)	Lbs	46,200	48,400		
		kg	21,000	22,000		
DIMENSIONS (L x W x H)	ft	23.6x7x7	23.6x7x7			
	m	7.2x2.1x2.1	7.6x2.1x2.1			

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Specifications subject to change without notice.