

TOSHIBA MACHINE

ED950W HYBRID INJECTION MOLDING MACHINE SPECIFICATIONS

ITEM		UNIT	ED950W					
CLAMP	Clamp force		tf	850				
			US Ton	937				
	Tie bar distance	H x V	mm	1270 x 1270				
		H x V	in	50.0 x 50.0				
	Platen dimension	H x V	mm	1740 x 1740				
		H x V	in	68.5 x 68.5				
	Clamp Stroke		mm	1800				
			in	70.9				
	Maximum daylight		mm	2300				
			in	90.5				
	Mold Height	Min. x Max	mm	500 ~ 1100				
		Min. x Max	in	19.7 ~ 43.3				
	Ejector force		tf	18				
			US Tons	19.8				
Ejector Stroke		mm	200					
		in	7.9					
INJECTION	Injection Unit		i61		i78			
	Barrel code		A	B	A	B		
	Screw Diameter		mm	95	105	105	120	
			in	3.74	4.13	4.13	4.72	
	Injection Capacity		cm ³	3150	3850	4320	5650	
			in ³	192.2	234.9	263.6	344.8	
	Shot Volume	PS	g	2898	3542	3974	5198	
			oz	102.2	124.9	140.2	183.3	
		PE	g	2300	2811	3154	4125	
			oz	81.1	99.2	111.3	145.5	
	Maximum Injection Pressure		MPa	180	147	180	138	
			PSI	26,100	21,300	26,100	20,000	
	Maximum Holding Pressure		MPa	150	123	150	115	
			PSI	21,800	17,800	21,800	16,700	
	Injection Rate	STD	cm ³ /s	992	1212	1212	1583	
			in ³ /s	60.5	74.0	74.0	96.6	
	Injection Velocity	STD	mm/s	140		140		
			in/s	5.5		5.5		
	Plasticizing capacity at low torque		PS	g/sec	116.7	136.1	136.1	161.1
				oz/sec	4.1	4.8	4.8	5.7
Screw speed	Low Torque	RPM	140	127	127	110		
	High Torque	RPM	95		71			
GENERAL	Utilized oil quantity		L	500				
			Gal	132				
	Motor for pump		kW	22.0				
	Heater Capacity		kW	44.0	57.2			
	Machine Dimensions	L x W x H	m	9.2 x 3.2 x 2.5	9.6 x 3.2 x 2.5	9.9 x 3.2 x 2.5		
		L x W x H	ft	30.2 x 10.5 x 8.2	31.5 x 10.5 x 8.2	32.5 x 10.5 x 8.2		
	Machine weight		tf	54.6	55.6	55.7		
US ton			60.2	60.2	60.2			

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