

Models		MITA-150TC						MITA-220TC					
Injection unit		A			B			A			B		
Screw diameter	mm	28	32	36	28	32	36	32	35	38	32	35	38
Injection capacity	cm²	104	136	173	104	136	173	152	182	214	152	182	214
Shot size (PS)	gr	91	120	152	91	120	152	134	161	189	134	161	189
	oz	3.2	4.2	5.3	3.2	4.2	5.3	4.7	5.6	6.6	4.7	5.6	6.6
Plasticizing capacity	kg/hr	28	36	46	28	36	746	47	57	74	38	46	60
Injection Rate	cm³/sec	81	105	133	81	105	133	102	123	144	84	101	118
Injection pressure (max)	Kg/cm²	2234	1709	1351	2234	1709	1351	2149	1797	1524	2149	1797	1524
Screw speed range	rpm	265			265			322			264		
Screw torque	kg-m	65			65			65			65		
Clamping unit													
Clamping force	tons	150						220					
Opening force		15						22					
Clamp stroke (max)	mm	400						500					
Mold height (min-max)	mm	150~450						150~550					
Open daylight	mm							650~1050					
Platen size (H×V)	mm	650×650						780×780					
Distance between tie-rod	mm	430×430						520×520					
Hydraulic ejector force	ton	1.7						2.7					
Hydraulic ejector stroke	mm	120						120					
Hydraulics													
Pump capacity	l/min	78			78			95			78		
System pressure	kg/cm²	140						140					
Oil reservoir capacity	us gal	100						120					
Electrics													
Power supply (standard)	volt	200						220					
Motor rated	HP (KW)	30						40					
Number of heat control zone	set	4			4			4			4		
Heating wattage	kw	3.54			3.54			5.45			5.45		
General													
Water requirements (max)	gpm	9.68						18.7					
Machine dimensions (L×W×H)	m	5.6×1.3×2						5.78×1.5×2.3					
Machine weight	kg	5800						6900					
Hopper capacity	kg	25			25			25			25		

Models		MITA-250TC						MITA-300TC						
Injection unit		A			B			A			B			
Screw diameter		mm	38	42	45	38	42	45	38	42	45	38	42	45
Injection capacity		cm²	238	290	333	238	290	333	238	290	333	238	290	333
Shot size (PS)	gr	210	256	294	210	256	294	210	256	294	210	256	294	
	oz	7.3	9	10.3	7.3	9	10.3	7.3	9	1.3	7.3	9	10.3	
Plasticizing capacity		kg/hr	66	78	89	54	64	73	66	78	89	54	64	73
Injection Rate		cm³/sec	125	152	175	106	129	148	125	152	175	106	129	148
Injection pressure (max)		Kg/cm²	2094	1714	1493	2094	1714	1493	2094	1714	1493	2094	1714	1493
Screw speed range		rpm	292			241			199			292		
Screw torque		kg-m	87			87			178			87		
Clamping unit														
Clamping force		tons	250						300					
Opening force			25						30					
Clamp stroke (max)		mm	550						600					
Mold height (min-max)		mm	220~650						220~700					
Open daylight		mm	750~1200						820~1300					
Platen size (H×V)		mm	860×860						940×940					
Distance between tie-rod		mm	580×580						630×630					
Hydraulic ejector force		ton	3.9						4.6					
Hydraulic ejector stroke		mm	130						150					
Hydraulics														
Pump capacity		l/min	115			95			115			95		
System pressure		kg/cm²	140						140					
Oil reservoir capacity		us gal	150						150					
Electrics														
Power supply (standard)		volt	220						220					
Motor rated		HP (KW)	50						50					
Number of heat control zone		set	4			4			4			4		
Heating wattage		kw	8.2			8.2			8.2			8.2		
General														
Water requirements (max)		gpm	21.2						21.2					
Machine dimensions (L×W×H)		m	6.9×1.58×2.36						7.6×1.7×2.4					
Machine weight		kg	11200						11200					
Hopper capacity		kg	25			25			25			25		

Models		MITA-400TC						MITA-500TC					
Injection unit		A			B			A			B		
Screw diameter	mm	50	55	60	38	42	45	60	65	70	38	42	45
Injection capacity	cm²	471	570	678	238	290	333	791	929	1077	238	290	333
Shot size (PS)	gr	416	503	599	210	256	294	699	821	952	210	256	294
	oz	14.6	17.7	21	7.3	9	10.3	24.6	28.9	33.5	7.3	9	10.3
Plasticizing capacity	kg/hr	79	104	133	66	78	89	120	143	181	66	78	89
Injection Rate	cm³/sec	149	180	214	125	152	175	228	267	310	125	152	175
Injection pressure (max)	Kg/cm²	2499	2066	1736	2094	1714	1493	2307	1966	695	2094	1714	1493
Screw speed range	rpm	199			292			181			292		
Screw torque	kg-m	178			87			278			87		
Clamping unit													
Clamping force	tons	400						500					
Opening force		40						50					
Clamp stroke (max)	mm	700						800					
Mold height (min-max)	mm	280~760						300~900					
Open daylight	mm	980~1460						1100~1700					
Platen size (H×V)	mm	1060×1060						1190×1190					
Distance between tie-rod	mm	720×720						820×820					
Hydraulic ejector force	ton	5.3						5.3					
Hydraulic ejector stroke	mm	180						180					
Hydraulics													
Pump capacity	l/min	160			115			226			115		
System pressure	kg/cm²	140						140					
Oil reservoir capacity	us gal	240						250					
Electrics													
Power supply (standard)	volt	220						220					
Motor rated	HP (KW)	60						75					
Number of heat control zone	set	4			4			5			4		
Heating wattage	kw	14.59			8.2			18.02			8.2		
General													
Water requirements (max)	gpm	26.2						38.45					
Machine dimensions (L×W×H)	m	8.4×1.8×2.9						9.4×1.9×3					
Machine weight	kg	16800						21300					
Hopper capacity	kg	50			25			100			25		