



TOKIMA[®]

Built To Perfection

**Next Gen Technology
for Today's Industry**



**Creating New Innovation
in Machine Technology**



Horizontal Injection Moulding Machine Specifications

DESCRIPTION	UNIT	TM-70			TM-100			TM-130		
INJECTION UNIT		A	B	C	A	B	C	A	B	C
Screw Diameter	mm	25	30	35	35	38	42	38	42	45
Screw L/D Ratio	L/D	24	21	19	22	20.3	18.4	24	22	20.5
Theoretical Shot Volume	cm ³	64	92	125	163	193.2	235	226	277	318
Shot Weight(PS)	gm	56	80	109	148	176	214	206	252	289
Injection Pressure	mpa	275	191	140	219	184	152	208	171	149
Max. Screw Speed	rpm		224			210			185	
CLAMPING UNIT										
Clamping Force	KN		700			1000			1300	
Opening Stroke	mm		280			350			380	
Tie-Bar Distance	mm		310x310			370x370			420x420	
Max. Mould Height	mm		330			380			450	
Min. Mould Height	mm		100			150			160	
Ejector Stroke	mm		80			120			140	
Ejector Force	KN		30			38			50	
OTHERS										
Max pump pressure	KW		16			16			16	
Pump motor power	KW		7.5			13			13	
Heater power	KW		5			7.5			8	
Machine dimension (LxWxH)	Meter		3.6x1.12x1.72			4.3x1.2x2.0			4.6x1.5x2.1	
Machine Weight	Ton		2.5			3.4			4	



Horizontal Injection Moulding Machine Specifications

TM-180			TM-220			TM-250			TM-300		
A	B	C	A	B	C	A	B	C	A	B	C
42	45	50	45	50	55	50	55	60	55	60	65
23.6	22	19.8	24.4	22	20	24	22	20.3	24	22	20.3
311	357	441	397	490	593	592	704	826	676	805	945
283	325	402	362	446	540	539	641	752	615	733	860
203	177	143	207	168	138	202.3	170	145	202.3	170	144.9
	180			155			220			220	
	1800			2200			2500			3000	
	435			475			540			590	
	470x470			520x520			570x570			620x620	
	520			560			600			630	
	180			200			200			200	
	140			150			150			150	
	50			70			70			70	
	16			16			16			16	
	18.5			18.5			30			30	
	12.5			14			19			19	
	5.1x1.5x2.2			5.7x1.6x2.33			6.2x1.5x2.2			6.3x1.7x2.4	
	6			7			8.3			9.3	



Horizontal Injection Moulding Machine Specifications

DESCRIPTION	UNIT	TM-350			TM-400			TM-450		
INJECTION UNIT		A	B	C	A	B	C	A	B	C
Screw Diameter	mm	70	75	80	75	80	85	75	80	85
Screw L/D Ratio	L/D	21.5	20	19	20	19	18.4	21.5	20	19
Theoretical Shot Volume	cm ³	1283	1472	1666	1324	1520	1729	1710	1945	2196
Shot Weight(Ps)	gm	1167	1339	1515	1574	1790	2000	1555	1770	2000
Injection Pressure	mpa	180	156	138	178	156	138	173	152	135
Max. Screw Speed	rpm		155			160			150	
CLAMPING UNIT										
Clamping Force	KN		3500			4000			4500	
Opening Stroke	mm		670			705			740	
Tie-Bar Distance	mm		710x710			725x725			760x760	
Max. Mould Height	mm		750			800			800	
Min. Mould Height	mm		250			250			300	
Ejector Stroke	mm		170			185			200	
Ejector Force	KN		110			110			110	
OTHERS										
Max pump pressure	KW		16			16			16	
Pump motor power	KW		37			37			37	
Heater power	KW		24.5			26			24.5	
Machine dimension (LxWxH)	Meter		7.3x1.8x2.2			7.3x1.96x2.41			7.3x1.8x2.2	
Machine Weight	Ton		12.5			14.2			12.5	





Horizontal Injection Moulding Machine Specifications

TM-500			TM-550				TM-600			
A	B	C	A	B	C	D	A	B	C	D
80	85	90	75	80	85	90	80	85	90	95
20.5	20	18.7	23.7	22	20.7	19.5	23.4	22	20.7	19.6
2180	2420	2650	1727	1965	2218	2487	2215	2500	2802	3122
1922	2170	2432	1560	1768	2018	2266	2015	2275	2550	2841
189	167	149	386	442	499	560	429	484	543	604
	150		191	168	148	132	184	163	145	130
	5000			5500				6000		
	810			770				860		
	810x810			830x830				850X850		
	850			810				860		
	200			330				330		
	250			240				240		
	150			150				150		
	16			16				16		
	55			55				55		
	36			33				40		
	9.3x2.1x2.4			7.74x1.89x2.69				8.6X2.1X2.7		
	23			19				21		



Product Applications



PLASTIC INJECTION MOULDING MACHINE SPARES AVAILABLE



SCREW



MOULD CLAMPING SET



RING PLUNGER SET



HOPPER DRYER



PLASTIC SCRAP GRINDER



WATER MANIFOLD



AUTO LOADER



PLC CONTROLLER



SERVO DRIVE ENERGY SAVING INJECTION MOLDING MACHINE

• PRECISE • DURABLE • CONSISTENT • ENERGY EFFICIENT • ADVANCE TECHNOLOGY

List of Industries Covered

- Automobile Industry
- Home Appliances
- Disposable Containers
- Electrical & Electronics
- Medical Equipments
- PVC Pipe Fittings
- Beauty & Cosmetics

TOKIMA MACHINERY PRIVATE LIMITED

(AN ISO 9001:2015 CERTIFIED INDUSTRY)

S.No.1/10, Balan Estate, Perumal Kovil Street, Periyakoladi,

Thiruverkadu Post, Chennai - 600 077. Tamilnadu, India.

www.tokimamachinery.in www.aneplasticmouldingmachine.com

E-mail : ananthanaayaki@gmail.com info@tokimamachinery.in marketing@tokimamachinery.in

Cell : 95516 64115 / 75500 47166 / 95000 64115



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