

OUR BRANDS

DAIKI-EMD

HYBRID ELECTRIC INJECTION MOLDING MACHINE
EMD SERIES



JWM®

PLASTIC INJECTION
BLOW MOLDING MACHINE



TECO SMART
ROBOT

PICK AND PLACE
SERVO ROBOTS



TECHNO- HQMC

HYDRAULIC QUICK MOLD
CHANGE SYSTEM



TECHNO-MEPEER™



AN-Series

Dynamaster Servo Energy-Saving

High Precision Plastic Injection molding machine

TECHNOVATION
International Machines Limited

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Sales Partner :

Regional Offices

*Ahmedabad *Bengaluru *Pune



For constant improvement upon reach, our company reserves the right to change the design parameters and configurations. No notice will be given for any change

PRECISION MACHINERY MANUFACTURER

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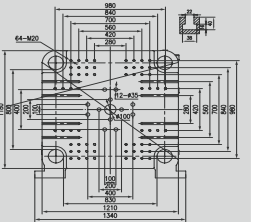
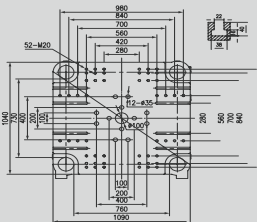
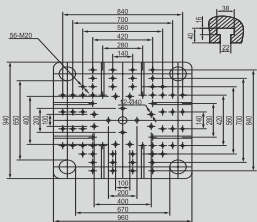
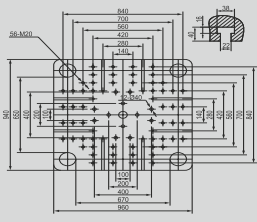
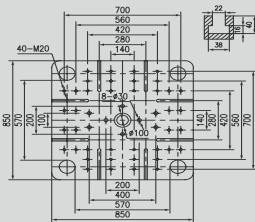
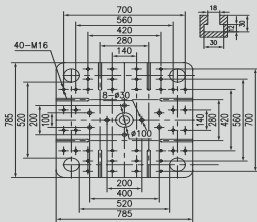
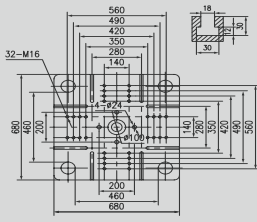
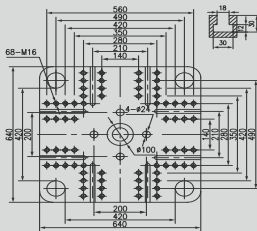
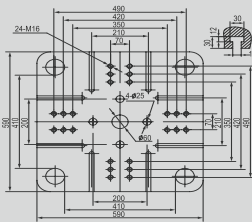
AN Series

AN Series Technical Specification

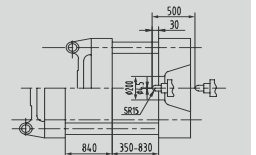
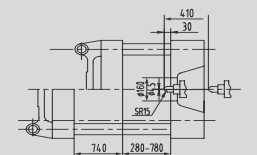
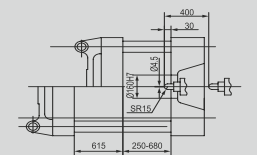
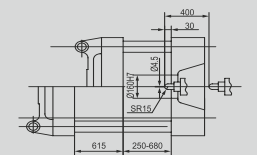
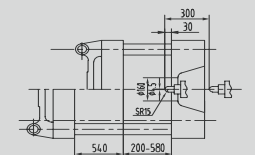
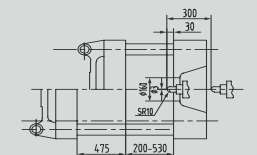
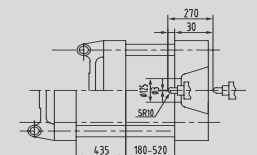
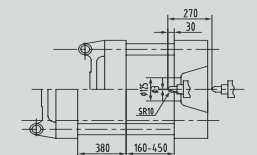
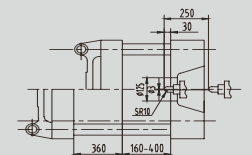


MODEL		TM120AN			TM140AN			TM170AN			TM230AN			TM270AN			TM320AN			TM360AN			TM400AN			TM530AN		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
PARTS																												
		INJECTION UNIT																										
Screw Diameter	mm	35	38	42	38	42	45	42	45	50	45	50	55	50	55	60	55	60	65	65	70	75	65	70	75	80	85	90
Screw L/D Ratio	L/D	22.8	21	19	22.1	20	18.7	23.5	22	19.8	23.4	21	19.1	25.2	22.9	21	22.9	21	19.4	22.5	21	19.6	22.5	21	19.6	22.3	21	19.8
Shot Volume Theoretical	cm³	163	192	235	226	277	318	311	357	441	397	490	593	530	641	763	641	763	945	1161	1347	1546	1161	1347	1548	2210	2495	2797
Injetion Weight PS	g	148	175	213	206	252	289	283	325	401	362	446	540	482	583	694	583	694	860	1057	1226	1407	1067	1226	1407	2011	2270	2545
Injection Pressure	Mpa	219	186	158	209	171	149	203	177	143	207	168	138	205	169	142	169	142	143	208	180	156	208	180	156	188	167	149
Injection Rate	g/sec	90	108	128	94	115	132	13	160	196	124	154	186	187	227	270	227	270	312	337	368	422	337	368	422	442	499	560
Screw Speed	rpm	220			220			200			175			185			185			155			155			120		
		CLAMPING UNIT																										
Clamp Tonnage	KN	1200			1400			1700			2300			2700			3200			3600			4000			5300		
Toggle Stroke	mm	360			380			435			475			540			615			615			740			840		
Min.Mold Height	mm	160			160			180			200			200			250			250			280			350		
Max.Mold Height	mm	400			450			510			530			580			680			680			780			830		
Space Between Tie Bars	mm	410 x 410			420 x 420			460 x 460			520x520			570 x 570			670 x 650			670 x 650			760 x 730			830 x 800		
Platen Size	mm	590 x 590			640 x 640			680 x 680			785 x 785			850 x 850			950 x 950			960 x 940			1090 x 1040			1340 x 1180		
Ejetor Tonnage	KN	30			50			50			70			70			90			90			150			150		
Ejector Stroke	mm	100			120			135			140			150			100			160			200			340		
		POWER																										
Max.Pump Pressure	Mpa	16			16			16			16			16			16			16			16			16		
Hwater Power	KW	7.55			9.3			12.3			14.8			16.8			18.3			24.6			24.6			32.6		
Servo Motor Power	KW	14			14			21			28			33			33			43			43			28+36		
Oil Tank Cubage	L	220			270			300			300			380			450			600			650			800		
Machine Dimension	M	4.4 x 1.2 x 1.80			4.48 x 1.33 x 1.90			5.04 x 1.43 x 2.12			5.68 x 1.50 x 2.14			5.90 x 1.60 x 2.25			7.1 x 1.9 x 2.34			7.1 x 1.9 x 2.34			7.24 x 1.88 x 2.41			8.74 x 2.05 x 2.3		
Machine Weight	T	3.8			4.3			6			7			8.5			11.5			12.5			15			20		

Platen dimensions (Facing)



Platen dimensions (Aside)



TM-120AN

TM-140AN

TM-170AN

TM-230AN

TM-270AN

TM-320AN

TM-360AN

TM-400AN

TM-530AN