

TOGGLE INJECTION MOULDING MACHINES

80 Ton to 350 Ton

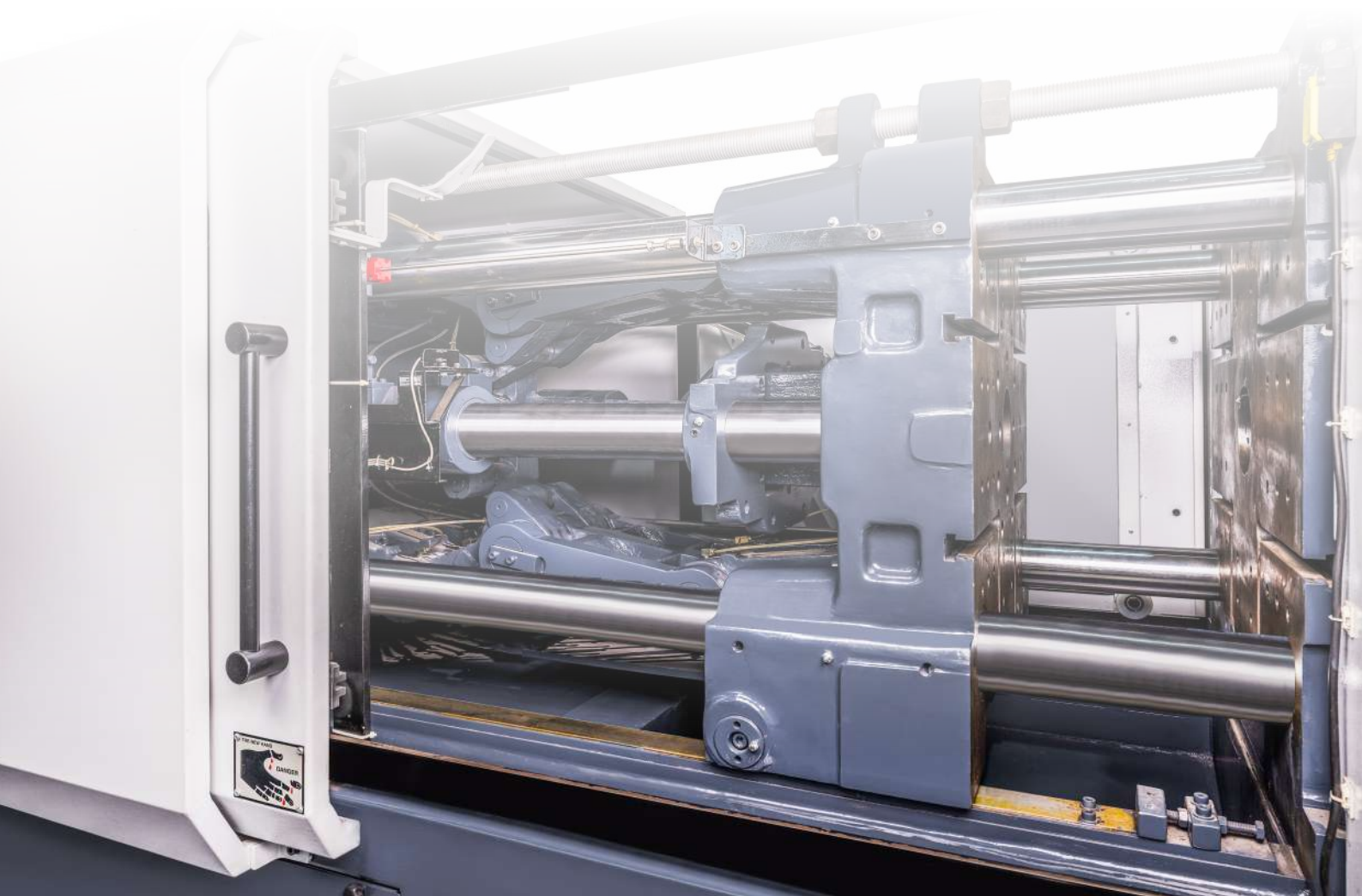


LEADING THE GROWTH

About us

The Company excels into various engineering products with state of the art plant at Saswad, Pune having in-house infrastructure of design, development, machining, sheet metal and complete assembly. The sales and service network spread across the country with local representations at 40 locations backed with skilled Sales & Service team.

The Company has now ventured into injection moulding machines and aims to offer latest technology products at best price.



POWERED WITH
SERVO
MOTORS



- High Speed respond servo motor with Internal Gear Pump.
- Electric Roller Bearing Guide for Moving Platen support.
- Twin Cylinder injection unit for uniform load distribution.
- Self-Optimizing Accurate Temperature Control.
- Fast and Accurate Response Hydraulic System.
- Multi Stroke Precise Ejector System.
- Intelligent HMI controller makes operator friendly machine with 10" TFT Color Display.
- Machine range vary from 80T to 350T clamping force & weight capacity from 94 gm to 1382 gm.
- Premium class casting grades for better machine's longevity.
- Robust and Rugged five-point double toggle mechanism.
- Wide platens design with higher mold carrying capacity.

STANDARD FEATURES

- Servo Motor Controlled with gear pump, high precision hydraulic system.
- Ergonomically designed machine covers for safety, with elegant aesthetics.
- Stress-relieved, strong & compact machine base frame.
- Highly reliable electrical & electronic components from reputed manufacturers.
- Hydraulic oil level gauge.
- Heat exchanger for hydraulic oil cooling.
- 5-in I 5-out Ball valve type cooling water arrangement.
- Flexible machine supports with Anti-vibration pads.

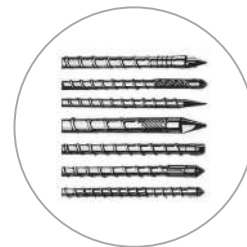


TECHNICAL SPECIFICATION

DESCRIPTION	UNIT	Q-80T/277			Q-110T/295		
		A	B	C	A	B	C
INJECTION UNIT							
Screw Diameter	mm	30	35	40	35	40	45
Screw L/D Ratio	L/D	21	21	21	21	21	21
Shot Size (Theoretical)	Cm3	105	143	187	143	187	236
Injection Weight (PS)	gms	94	137	179	137	179	227
Injection Rate (PS)	Gm/s	47	64	84	83	109	138
Injection Pressure	Bar	2640	1939	1485	2060	1577	1246
Injection Screw Stroke	mm	150	150	150	150	150	150
Plasticizing Rate	gm/s	10	13.8	19	13.8	19	25
Screw Speed	rpm	200	166	166	200	200	171
CLAMPING UNIT							
Clamp Tonnage	T	80			110		
Toggle Stroke	mm	280			320		
Space Between tie bars	mm	360x270			410x300		
Max. mold height	mm	350			400		
Min. mold height	mm	180			180		
Ejector Stroke	mm	75			100		
Ejector Force	T	3.3			4		
Platen Size	mm	530x470			610x530		
OTHERS							
Max. Pump Pressure	Mpa	16			16		
Pump Motor Power	Kw	12			12		
Heater Power	Kw	8.8			12.5		
Machine Dimension	L*W*H	3.8x1.2x1.7			4.0x1.2x1.7		
Machine Weight	Ton	3			4		
Hopper Capacity	Kg	25			25		
Oil Tank Capacity	Ltrs	180			250		

SCOPE OF SUPPLY

- Clamping Unit
- Injection Unit
- Ejector
- Temperature Control
- Intelligent Controller With HMI
- Hydraulics Unit



Q-130T/490			Q-160/877			Q-220/1178			Q-260/1366			Q-350/2165		
A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
40	45	50	45	50	55	50	55	60	60	65	70	65	70	75
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
243	308	380	410	494	613	525	637	758	814	792	850	1150	1203	1535
233	295	365	394	477	588	505	573	682	732	700	820	1035	1137	1382
107	134	167	114	141	171	210	245	290	226	301	380	228	265	304
2015	1590	1289	2190	1776	1465	1900	1850	1554	2053	1725	1470	2100	1800	1500
195	195	195	260	260	260	270	270	270	290	290	290	350	350	350
18	24	34.5	23	34	48	50	66	75	75	90	105	189	221	253
280	225	210	225	200	166	225	225	225	200	200	200	180	180	180
130			160			220			260			350		
350			400			500			550			650		
430x410			510x410			560x560			610x610			710x710		
450			500			500			600			700		
180			200			230			250			320		
100			145			160			180			180		
4.5			4.5			6			6			8		
640x640			740x650			820x820			890x890			1020x1020		
16			16			16			16			16		
18			18			28			28			37		
12.5			15			18.8			24.8			24.8		
4.2x1.2x1.7			5.12x1.2x2.01			5.84x1.36x2.22			5.92x1.36x2.22			7.06x1.53x2.28		
4.2			6			9.5			11.5			15.5		
25			50			50			100			100		
300			450			450			450			550		

"we reserve the right to alter or change the specifications mentioned without prior notice for better results.
 Actual data may vary depending on material & processing conditions"

OPTIONAL FEATURES

- Double Hydraulic core pull.
- Air ejection.
- Robotic arm interface.
- Ejector / Core on Fly
- Photocell part drop detection for single cavity.
- Insulated energy saving heater bands.
- Water battery with temperature indicator.
- Bi-metallic screw and barrel.
- Single Phase CVT - 15 Amp for controller.

PARTNER PRODUCTS

EEA / EES SERIES
80T to 230T

All Electric Injection
Moulding Machine



TM SERIES
90T TO 470T

TM Series Injection
Moulding Machine
Toggle Hydraulic
Servo Driven



AUXILIARY EQUIPMENTS

Material Processing System



TDB Series 3 in 1 Compact
Dehumidifying Dryers



TAL Series Detachable Autoloaders



TGL Series Low Speed Sound -
Proof Granulators

MANIPULATOR PRODUCT



AD-80S
Single Axis Servo Driven Robot



MD-120S
3/5 Axis AC Servo Driven Robot



EUW-80
EUW80 Series Robo



**GROUP PRESENCE
ACROSS INDIA**

70+ Sales Team

115+ Service Team

40+ Locations

3 Factories

"Photos/Images given in this catalogue is for presentation purpose, is subject to change"



Wolf Machine Tools Limited

An ISO 9001:2015 Certified Organization

Regd. Office : 4 Fairlie Place, Kolkata - 700001, W.B., India
E : info@wolfmachinetools.com, W : www.wolfmachinetools.com

Works : Block C, 608 / 609/1, Pune-Pandharpur Road, Saswad Tal. Purandhar, Dist. Pune - 412301 Maharashtra, India.