

PRITI INTERNATIONAL

Designers • Engineers • Manufacturers • Exporters

INCREASING PERFORMANCE REDUCING COST



Total Commitment to Quality



SERVO SERIES INJECTION MOULDING MACHINE

We also do Soda Water Plant, RTS Beverage Plant & Synthetic Juice Plant on turnkey basis.

For Various Plastics Application

REQUIRED AUXILIARIES



Water Chiller



Hopper Dryer



Auto Loader



Cooling Tower



MOLD LOCKING UNIT

Adopt the new generation of toggle mold locking device and computer simulation designing parameter, make sure motion of moving plate fast and steady. With the box moving plate, fixed plate and high rigidity toggle structure, the machine can reach high - intensity and anti - fatigue properties. Therefore compared with normal machines, it owns larger space between tie bars, mold plate and mold opening stroke, suitable for large plastic products.

ELECTRONIC (PLC) CONTROLLER & SERVO PUMP From LNC Taiwan.

HIGH Performance control for Injection molding machines, switch of English clear and visual & easily to operate



AUTOMATIC LIQUID GREASE LUBRICATION

Automatic Lubrication maintains a stable, non-wearing condition for longer toggle service life. Lub Oil is re-circulated to minimize oil wastage.

HIGH QUALITY HYDRAULIC VALVES



High quality hydraulic valves are centralized on manifolds for simple and efficient piping. High grade seal eliminate any leakages.

LINEAR SCALE



Reliable and precise liner transducers measure calmping and injection stroke accurately up to 0.01mm

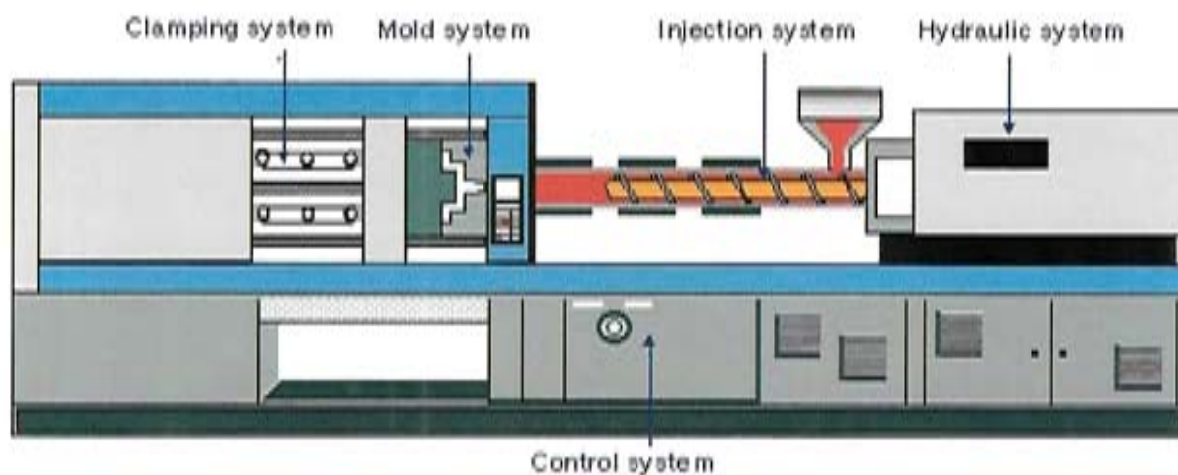
SALIENT FEATURES

- ▶ Nitrided Screw & Barrel.
- ▶ Double Cylinder for fast Injection.
- ▶ Cold start prevention device.
- ▶ High quality valves, cylinder for trouble free production (REXROTH)
- ▶ Five point Twin Toggle System. (FOR CLAMPING)
- ▶ PLC Based Operating System.
- ▶ Auto Lubrication Pump.

THROUGH QUALITY

Royal brand emphasize both quality and credit standing. Without one or the other success & satisfaction would be hard to achieve.

PROCESSES OF INJECTION MOLDING MACHINE



AFFORDABLE INVESTMENT

Low Initial Machine Investment
Low Energy Consumption
Minimum Maintenance Cost

HIGH PERFORMANCE

High in Productivity
Efficient Heat Penetration
Fast Mould Closing & Opening Design

INNOVATION DESIGN

Simple Operation
Compact Machine Design
Diverse Applications for PET, PP, PMMA, PC, etc

TECHNICAL SUPPORT

Utilizing our Experience and Expertise to
Provide system solution including :
Project Consultation & Operation Set-up
In-house Training for operators
On-time After Sales Service & Technical Support

We do our utmost to provide each and every customer with a complete molding package to satisfy their needs from design concept, operator training, and right through to installation and start-up in the customer's factory and it doesn't stop there. Our global sales network is in place and ready to support you at any time with spare parts and highly trained local engineers to keep you running at high efficiency.

TECHNICAL SPECIFICATIONS

INJECTION UNIT		P 70/78			P 90/88			P 130/128			P 160/168			P 220/218		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw Diameter	MM	32	35	38	36	38	40	40	42	45	42	48	50	48	52	55
Screw L/D Ratio		21	20	18	21	20	18	23	21	20	23	20	19	23	21	19
Shot Size (Theoretical)	CU.CM	113	135	159	178	198	220	239	263	302	332.5	434	471	480	563	630
Injection Weight (PS)	GMS	102	123	144	162	181	200	217	240	275	303	395	429	436	512	573
Injection Pressure	Mpa	188	157	133	207	186	168	201	183	159	225	172	158	211	180	160
Screw Stroke	MM	140			175			190			235			265		
Screw Speed	r/min	0-240			0-225			0-200			0-190			0-200		
CLAMPING UNIT																
Clamping Tonnage	KN	700			900			1300			1600			2200		
Toggle Stroke	MM	265			340			375			430			470		
Platen Dimensions	MM	480X480			570X570			625X625			680X680					
Platen Thickness	MM	100-120-160			125-130-240			160-135-285			185-175-285					
Tie Bar Diameter	MM	55			60			70			75			85		
Space Between Tie Bars	MM	315X315			375X375			410X410			460X460			510X510		
Max. Mould Height	MM	320			400			450			480			550		
Min. Mould Height	MM	120			180			180			180			200		
Ejector Stroke	MM	75			95			115			120			130		
Ejector Tonnage	KN	27			33			33			45			70		
Ejector Number	UNITS	1			5			5			5			9		
OTHERS																
Max. Pump Pressure	Mpa	16			16			16			16			16		
Pump Motor Power	KW	9.5			11			13			15			10.5		
Heater Power	KW	6.2			6.2			7.2			7.5			12.5		
Machine Dimensions (LxWxH)	Mtrs	3.6x1.03x1.7			3.8x1.08x1.7			4.63x1.23x1.8			4.98x1.32x2.1			5.96x1.39x2.1		
Machine Weight	TONS	2.9			3.2			3.8			4.6			6.9		
Hopper Capacity	Ltrs	25			25			25			25			50		
Oil Tank Capacity	Ltrs	160			210			260			280			420		

Above are few standard models of machine. The special purpose machine for specific requirement are also available. Product improvisation is continuous process at PRITI INTERNATIONAL Design & Specification subject to change without prior notice or obligation. Machine parts are of standard makes and easily available.

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