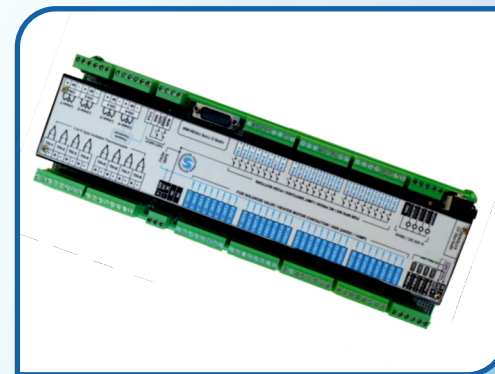
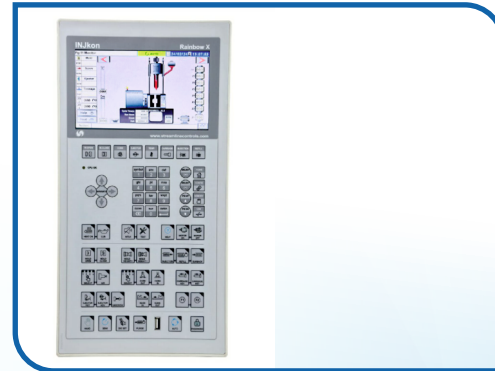


VERTICAL TOP LOCKING TOP INJECTION MOULDING MACHINE (INSERT MOULD)

Controls

- 8" Touch Operated TFT Color Display With Alpha Numeric Keypad.
- Actual Injection Speed And Pressure Graph Display
- 100 Mold Data Storage
- Graphical Presentation Of Last 24 Hours Production
- Daily Production Data Of Last One Year
- High / Low Limit Display For Each Adjustable Parameter
- 100 Set Points Change With Time And Date
- Over View Display Of Machine Function On Screen With Graphical
- Fast Access Of Select Menu By Soft Keys
- Alarm Visual And Audible With Date And Time
- Printer Interface With Usp Port
- Energy Indication On Operator Panel
- Single Phase Preventor
- I/o Diagnosis - Analog & Digital



Temperature Control

- Heater Failure And Thermocouple Open Detection
- Accurate PID Temperature Controller On Screen
- Auto Heat Startup And Shutdown
- High/Low Temperature Alarm

Optional Features

- Air Ejector
- Servo Pump
- PID Oil Temperature Control
- Heater With Insulated
- Back Pressure Control (Plc Based)
- Open Close Electro Proportional Based



RULEX INDUSTRIES

Vasai (E), Dist.: Palghar - 401208 ■ Mob : 9028840191/9028840271
E-mail : rulexindustriesrk@gmail.com ■ Web : rulexmachines.com



THE LATEST GENERATION VERTICAL INSERT MOULDING TOP LOCKING TOP INJECTION MACHINE



40 tons to 80 tons

VERTICAL TOP LOCKING TOP INJECTION MOULDING MACHINE (INSERT MOULD)

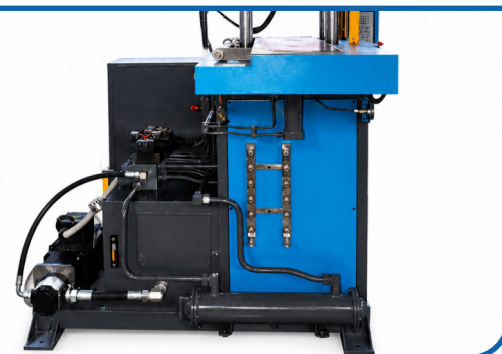
Key Features

- Faster In Operation, Reliable And Highly Repeatable.
- No Platen Deflection Even With High Injection Pressure.
- Barrier Screw For Superior Melt Quality.
- Low Vibration & Noise.
- Low Energy Consumption.
- Quick Response.
- Advance Control System.



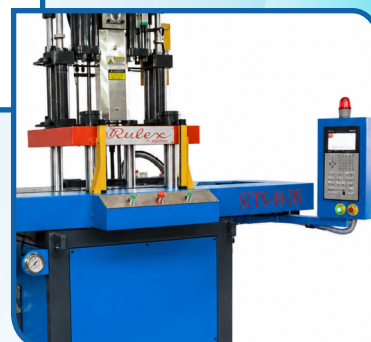
Clamping Unit

- Five Stage Ram Locking
- Drilled Tapped Clamping System For Die Clamping.
- Five Stage Mould Open/Close Speed.
- Sensitive Low Pressure Mould Safety.
- Linear Scale For Position Based Functions.
- Motorized Mould Height Adjustment With Auto Tonnage Built Up.
- Guard Safety.
- Hydraulic Ejector System (Multi Stroke).
- Centralized Auto Lubrication System.
- Levelling Pad.



Injection Unit

- Twin Cylinder Balanced Injection Unit.
- Five Stage Reduced Injection Pressure System
- Linear Scale For Position Based Functions
- Five Stage Reduced Injection Speed System
- Auto Reciprocating Injection Unit
- Five Stage Reduced Injection Hold System
- Suck Back System
- High Torque Medium Speed Hydraulic Motor For Screw Drive.



Technical Detail of STTN - Series Machine

Model	UNIT	STTN-40		STTN-60		STTN-80	
		A	B	A	B	A	B

INJECTION UNIT							
Screw Diameter	mm	28	30	32	35	32	35
Max Swept Volume	Cub.cm	110	125	140	165	165	195
Max Shot Wiegth (PS)	gms	90	105	115	135	135	160
Max Injection Pressure	Kg / cm2	1650	1370	1850	1975	1975	1650
Rate of Injection	cc / sec	53	65	45	70	70	83
Screw Speed	rpm	220		220		300	
Heating Zone	Nos	Nozzle + 3		Nozzle + 3		Nozzle + 3	
Hopper Capacity	Kgs	15		25		25	
Nozzle Force	Tons	2		3.2		3.2	

LOCKING UNIT				
Mould Clamping Force	Tons	40	60	80
Mould Clamping Stroke	mm	230	290	335
Mould Thickness -Min - Max	mm	100-200	150-350	150-350
Max Day Light Opening	mm	430	640	685
Tiebar Distance (H X V)	mm	260 X 260	310 X 310	360 X 360

HYDRAULIC EJECTOR				
Ejector Stroke	mm	40	65	75
Ejector Force	Tons	2	3	4.5

Servo Motor / Electric Motor	KW / HP	5.5/5	11/7.5	15
Heating Capacity	KW / HP	3.5/4.5	5/6.5	8
Total Connected Load	KW / HP	9/9.5	16/14	19
Tank Capacity	Ltrs	120	160	210
Machine Wiegth	KGS	1250	1950	3200