

TECHNO



MACHINES

★ Manufacturer ★ Importer ★ Supplier

Total Production Solutions for:

- Power Cord Industry
- Wire Harness Industry
- Wire & Cables Industry
- Copper Wire Processing Industry
- LED Bulb Housing Machines



15 Ton
2 Side Operation
Vertical Injection Molding Machine



25 Ton
Vertical Injection
Molding Machine



35 Ton
Vertical Injection
Molding Machine





Company Profile

We are manufacturer and supplier of latest Hi-Tech most efficient machine for Wires n Cables and LED Bulb industries. Our machines and systems upgradation results in complete productions solutions and make the processes most efficient focusing on : **Automation** - Most machines are less labor intensive in turn resulting in saving of labour numbers needed for the processes.

Space - The machines are latest and compact sized with high outputs resulting in space saving.

High Productions - Even with less labor and less space, our machines productions are much higher than conventional machines **Low Operations Cost** - Achieving the optimum efficiency using our machines, the productions cost are minimum.

Though performing strict quality checks on our entire range of Machines by our quality control staff, we are in a position to make sure sustained quality in our products that are offered to our clients. Also, we offer the option to customize our range of Machines and processes, as per clients' specifications to suit their various purposes.

Techno has a world-wide sales network, which products are definitely the best choice of the manufactures specialized in rubber electronic components, automobile parts, consumer goods, medical supplies, medical instruments, sports equipments and variety of containers etc... Apart from the original Asia market, it has successfully broken into the Europe and other overseas markets.

Tehcno set up a new factory in New Delhi in 2008, to expand production and provide the best service, and won the recognition of the industry. We expect that we can become the most professional injection molding machine and automated equipments manufacturer.

Product list manufacturing by our Machines:

- Data Cables
- Audio /Video Cable (2 RCA & 3 RCA)
- Computer Cords
- Power Cords (2Pin, 3Pin 5A Plug & 16A Plug, Press Cords, UK Plugs, Suko Plugs)
- HDMI Cables / Cords
- Auto Products (All insert type molding products)
- Medical Products (All insert type medical products)
- Mobile Chargers (Single pin and Multi pin chargers)
- RJ45/II Data Connection Cable
- AUX Cables
- VGA /AVG Cables
- LED Bulb Housing / Base

15 Ton
2 Side Operation
Vertical Injection Molding Machine



SPECIFICATION INJECTION MACHINE -

INJECTION UNIT		TM-15 Ton(2S)
Screw Diameter	mm	22 22
Injection Pressure	kgf/cm ²	1625 1164
Injection Capacity	cm ³	34 47
Injection Weight (PS)	gr	39 55
	oz	1.4 1.9
Injection Rate	cc/s	28 39
Screw Speed	r.p.m	0-150
Screw Stroke	mm	90
Nozzle Stroke	mm	120
Nozzle Contact Force	tf	2.4
CLAMPING UNIT		
Clamping System	----	Hydraulic
Clamping Force	ft	15
Clamping Stroke	mm	200
Max. Mould Space	mm	240
Min.Mould Height	mm	40
Over all Size Of Platens(HXV)	mm	
Space Between Columns(HXV)	mm	310
Hydraulic Ejector Force	tf	0.7
Ejector Stroke	mm	28
ELECTRICAL EQUIPMENT & CENTRAL		
Driver Motor	kw	2.2(3HP)
Heater	kw	2
Dimension Of Machine(LXMWXH)	m	1.2x0.9x2.3
Weight Of Machine	t	0.6
Shipping Size(LXWXH)	m	1.4x1.1x2.25
Shipping Weight	t	0.75
Oil Tank Capacity	l	90
Cooling Water	l/hr	400-600

25 Ton & 35 ton

25 Ton Vertical Injection Molding Machine



SPECIFICATION INJECTION MACHINE

INJECTION UNIT		TM-25 Ton	
Screw Diameter	mm	26	30
Injection Pressure	kgf/cm ²	1677	1260
Injection Capacity	cm ³	55	74
Injection Weight (PS)	gr	63	85
	oz	2.2	3.0
Injection Rate	cc/s	42	57
Screw Speed	r.p.m	0-150	
Screw Stroke	mm	120	
Nozzle Stroke	mm	150	
Nozzle Contact Force	tf	2.4	
CLAMPING UNIT			
Clamping System	----	Hydraulic	
Clamping Force	ft	25	
Clamping Stroke	mm	215	
Max. Mould Space	mm	360	
Min.Mould Height	mm	145	
Over all Size Of Platens(HXV)	mm	540x290	
Space Between Columns(HXV)	mm	400x150	
Hydraulic Ejector Force	tf	0.7	
Ejector Stroke	mm	28	
ELECTRICAL EQUIPMENT & CENTRAL			
Driver Motor	kw	3.7(5HP)	
Heater	kw	2.3	
Dimension Of Machine(LXMWXH)	m	1.25x1.0x2.9	
Weight Of Machine	t	0.9	
Shipping Size(LXWXH)	m	1.45x1.1x2.25	
Shipping Weight	t	1.1	
Oil Tank Capacity	l	120	
Cooling Water	l/hr	50-700	

35 Ton
Vertical Injection
Molding Machine



SPECIFICATION INJECTION MACHINE

INJECTION UNIT		TM-35 Ton
Screw Diameter	mm	28 32
Injection Pressure	kgf/cm ²	1785 1367
Injection Capacity	cm ³	74 96
Injection Weight (PS)	gr	85 110
	oz	3.0 3.9
Injection Rate	cc/s	50 58
Screw Speed	r.p.m	0-150
Screw Stroke	mm	120
Nozzle Stroke	mm	150
Nozzle Contact Force	tf	2.4
CLAMPING UNIT		
Clamping System	----	Hydraulic
Clamping Force	tf	35
Clamping Stroke	mm	215
Max. Mould Space	mm	360
Min.Mould Height	mm	145
Over all Size Of Platens(HXV)	mm	600x320
Space Between Columns(HXV)	mm	450x190
Hydraulic Ejector Force	tf	0.7
Ejector Stroke	mm	28
ELECTRICAL EQUIPMENT & CENTRAL		
Driver Motor	kw	5.6(7.5HP)
Heater	kw	3.3
Dimension Of Machine(LXMWXH)	m	1.4x1.1x3.2
Weight Of Machine	t	1.1
Shipping Size(LXWXH)	m	1.55x1.1x2.25
Shipping Weight	t	1.3
Oil Tank Capacity	l	160
Cooling Water	l/hr	600-800

**VERTICAL INJECTION
ROTATORY MOLDING / INSERT
MOLDING MACHINE**
Available in 2 & 3 Station



TM 55 Ton VR



**VERTICAL INJECTION
DOUBLE SIDE SLIDER MOLDING MACHINE**



TM 45 Ton SL

**SPECIFICATION VERTICAL INJECTION
ROTATORY MOLDING MACHINE**

Screw diameter	mm	28	32	36
Theoretical injection volume	cm ³	86	112	142
Injection weight(PS)	g(oz)	81	106	134
		2.9	3.7	4.7
Max. Injection pressure	Mpa(kgf/cm ² s)	2170	1660	1312
Injection rate	cm ³	78	100	128
Injection speed	mm/s	140		
Screw speed rotation	r.p.m	0-230		
Nozzle out from platens	mm	45		
Clamping Force	KN(tf)	539(55)		
Clamping stroke	mm	215		
Min. Mold Thickness	mm	180(240)		
Max. Opening	mm	395(455)		
(LxW Max. Mould Size	mm	320x320		
Disc diameter	mm	980		
Ejector Distance	mm	40		
Ejector Force	KN(tf)	17.2(1.75)		
System Pressure	Mpa(kgf/cm ² s)	140		
Oil Tank Capacity	L	150		
Electric Power	KW(HP)	7.5(11)		
Heater Power	KW	5.5		
Machine Dims.	LxW	m		
	H	m		
Machine Weight	t	3.8		

SPECIFICATION VERTICAL INJECTION

Screw Diameter	mm	30	38
Injection Pressure	Kgf/cm ²	1282	2057
Injection Capacity	cm ³	92	147
Injection Weight(PS)	gr	83	133
		oz	2.9
Injection Rate	cc/s	55	89
Screw Speed	r.p.m	0-180	
Screw Stroke	mm	130	
Nozzle Stroke	mm	200	
Nozzle Contact Force	tf	3.5	
Clamping System	/	Hydraulic	
Clamping Force	tf	45	
Clamping Stroke	mm	200	
Max Mold Space	mm	380	
Min Mold Height	mm	180	
O/all Size Of Platens(HXV)	mm	650*400	
Space Between Col.(HXV)	mm	490*240	
Hydraulic Injector Force	tf	1.7	
Injector Stroke	mm	40	
Slide Journey	mm	400	
Size of Slipform	mm	820*460	
Number of Mold	pcs	2	
Drive Motor	kw	7.5(10HP)	
Heater	kw	4.9	
Machine SIZE	m	2.05*1.3*3.2	
Weight	t	2.9	
Oil Tank Capacity	l	220	
Cooling Water	l/h	600-800	

LSR Liquid Silica GEL Injection Forming Series



TM 85 Ton LSR

1. Hydraulic and pneumatic hybrid liquid silicone feeder to improve the A,B glue feed accuracy
2. Multi-precision PID mold temperature control
3. The LSR dedicated screw barrel, special water-cooled closed the nozzle
4. Up and down the temperature insulated glass plate
5. Double skateboard or rotary machine (one top mold and 2 base mold), convenient for taking out and cleaning mold, work more efficiently
6. Optional vacuum device to avoid a bubble in the product

Injection Unit	Clamping force (Tf)	85
	Screw Diameter (mm)	35
	Injection Volume (cm ³)	134.6
	Injection Pressure (kg/cm ²)	1260
	Screw Speed (RPM)	0-180
Clamping Unit	Min.Mold Thickness (mm)	260
	Max Mold Thickness	510
	Ejection Force (Tf)	2.75
	Ejection Stroke (mm)	75
Others	Motor Power (kw)	15
	Dimension(LxWxH) (m)	2.2x1.75x3.14
	Machine Weight (kg)	3800
	Proportional valve	YUKEN OR HNC
	Hydraulic Oil pump	YUKEN OR HNC

Three Station rotating mold LED base Vertical Injection molding machine



TM 55 Ton VR

MODEL	UNIT	TM-55Ton -VR	
INJECTION UNIT			
Screw Diameter	mm	30	38l
njection Pressure	Kgf/cm ²	282	2057
Injection Capacity	cm ²	92	147l
njection Weight(PS)	gr	83	133
	oz	2.9	4.7
Injection Rate	cc/s	55	89
Screw Speed	r.p.m	0-180	
Screw Stroke	mm	130	
Nozzle Stroke	mm	200	
Nozzle Contact Force	tf	3.5	
CLAMPING UNIT			
Clamping System	/	Hydraulic	
Clamping Force	tf	55	
Clamping Stroke	mm	200	
Max Mold Space	mm	380	
Min Mold Height	mm	180	
Overall Size Of Platens(HXV)	mm	650*400	
Space Between Columns(HXV)	mm	490*240	
Hydraulic Injector Force	tf	1.7	
Injector Stroke	mm	40	
ROTAR UNIT			
Table Diameter	mm	1060	
Table Rotation Angle	o	180	
Max Mold Size	mm	330*330	
Number of Molds	pcs	2	
ELECTICAL & EQUIPMENT			
Drive Motor	kw	7.5(10HP)	
Heater	kw	4.9	
Machine SIZE	m	2.5*1.7*3.3	
Weight	t	4	
Oil Tank Capacity	l	230	
Cooling Water	l/h	600-800	

BMC Injection Forming Machine



TM-40Ton -BM

- Features:**
1. a. Improved the production efficiency.
 - b. Realize the several injections, and the efficiency can be multiple increased by the clamping system.
 2. Reduce the production cost of the manufacturers.
 3. Increase the product quality and ensure the rate of the finished product.
 4. Reduced the labor intensity.
 5. Save raw materials, beautiful appearance and environment protection.
 6. Easy removal of the material, and save the time.
 7. None damage of glass fiber structure of the product, and guarantee the intensity of the product.
 8. Realize the production of high content glass fiber product.
 9. Safe, rapid and environmental protection equipment, guaranteed the finished product, and improved efficiency

Shot weight (g/oz)	408/14
Clamping Force (ton)	40
Mold Dimensions(L*W) (mm)	290*290 /420*230
Min Mold Height (mm)	250
Machine Weight (T)	4.5
Size (L*w*H) (m)	3.3*1.3*2.8

Phenolic Injection Forming Machine



TM-55V Ton -IS

MODEL	UNIT	TM-55V Ton -IS	
INJECTION UNIT			
Screw Diameter	mm	30	38
Injection Pressure	Kgf/cm ²	1282	2057
Injection Capacity	cm ³	92	147
Injection Weight(PS)	gr	83	133
	oz	2.9	4.7
Injection Rate	cc/s	55	89
Screw Speed	r.p.m	0-180	
Screw Stroke	mm	130	
Nozzle Stroke	mm	200	
Nozzle Contact Force	tf	3.5	
CLAMPING UNIT			
Clamping System	/	Hydraulic	
Clamping Force	tf	55	
Clamping Stroke	mm	200	
Max Mold Space	mm	380	
Min Mold Height	mm	180	
Overall Size Of Platens(HXV)	mm	650*400	
Space Between Columns(HXV)	mm	490*240	
Hydraulic Injector Force	tf	1.7	
Injector Stroke	mm	40	
SLIPFORMSlide Journey	mm	400	
Size of Slip form	mm	460*420	
Number of Mold	pcs	1	
ELECTICAL & EQUIPMENT			
Drive Motor	kw	7.5(10HP)	
Heater	kw	4.9	
Machine SIZE	m	1.6*1.3*3.2	
Weight	t	2.4	
Oil Tank Capacity	l	220	
Cooling Water	l/h	600-800	



Techno Machines India

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