



# TECHNO PLAST SPARES

Your Trusted Industrial Partner

SINCE 2005



READY STOCK  
**AVAILABLE**



## কিছু কথা

টেকনো প্লাস্ট স্পেয়ার্স সুদীর্ঘ ১৩ বৎসর ধরে অতি সুনাম ও আস্থার সাথে বাংলাদেশে ইন্ডাস্ট্রিয়াল মেশিনারিজ এবং স্পেয়ার্স সরবরাহ করে আসছে।

দেশের স্বনামধন্য প্রায় প্রতিটি লিডিং ইন্ডাস্ট্রিতে ব্লয়িং মেশিন, এয়ার কম্প্রেসার, ওয়াটার চিলার, হপার ড্রায়ার, আটো লোডার, মিক্সচার, ক্রাশার, কুলিং টাওয়ার সহ বিভিন্ন মেশিনারিজ সরবরাহ করে।

টেকনো প্লাস্ট স্পেয়ার্স প্রতিটি মেশিনারিজ ও স্পেয়ার্স এর সাথে দিচ্ছে বিক্রয়োত্তর সেবা।

যে কোন প্লাস্টিক ফুড এন্ড বেভারেজ মেশিনারিজ পরিচালনা ও নিশ্চিত পণ্য উৎপাদনে সহায়ক ভূমিকা রাখে টেকনো প্লাস্ট স্পেয়ার্স।

বেকারী মেশিনারিজ ও স্পেয়ার্স এর জন্য টেকনো প্লাস্ট স্পেয়ার্স একটি বিশ্বস্ত নাম।

টেকনো প্লাস্ট স্পেয়ার্স আসল ও গুণগতমান সম্পন্ন স্পেয়ার পার্টস সরবরাহ করে আসছে আস্থা ও সুনামের সাথে।



# SEMI AUTOMATIC BLOW MOLDING MACHINE

ITEM	MEASUREMENT	TPC-880	TPC-880-S	TPC-880-L	TPC- 5IIB Combination
Material	/	PET/PP	PET/PP	PET	PET
Volume	l	0.05-2.0(2-cav) 3-5 (1-cav)	0.05-2.0(2-cav)	3-5(2-cav)	0.05-2.0(4-cav) 3-5 (2-cav)
Theoretical output	pcs/h	700-1000	700-1000	600-8000	1400-2000
Max. length	mm	360	360	360	360
Max. diameter	mm	180	180	180	180
Max. mould plate dimension L*H	mm	420*500	320*420	450*620	420*500
Clamping Force	kn	180	120	220	180
Power	kw	12	12	24	24
Voltage/Frequency	v/hz	220~ 380/50~60	220~ 380/50~60	220~ 380/50~60	220~ 380/50~60
Machine dimension (L*W*H)	m	1.66*0.74*2.2	1.2*0.55*1.9	1.7*0.82*2.2	1.66*0.74*2.2
Machine Weight	kg	700	500	900	700
Pre - heater dimension (L*W*H)	m	1.46*0.71*1.58	1.46*0.71*1.58	1.77*0.72*1.58	1.77*0.72*1.58
Pre - heater weight	kg	300	300	500	500

\*Specification are subject to change without notice



# AUTOMETIC BLOW MOLDING MACHINE

Model No.		TPC-3000A-4	TPC-3000A-4S	TPC-3000A-4SR
No. of cav	Cavity	4	4	4
Theoritycal output	pcs/h	4500	5500	6500
Max container volume	l	2	2	2
Max neck diameter	mm	38	38	38
Max container diameter	mm	115	115	115
Max container height	mm	325	325	325
Heating Power	kw	25	30	35
Operation low pressure	mpa	0.8	0.8	0.8
Blowing pressure	mpa	3.5	3.5	3.5
Machine dimension	m	3.7*1.55*2.7	3.7*1.55*2.7	3.7*1.55*2.7
Machine weight	kg	4200	4500	4600
Conveyor dimension	m	1.5*0.85*2.2	1.5*0.85*2.2	1.5*0.85*2.2
Conveyor weight	kg	500	500	500

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# EXTRUSION BLOW MOLDING MACHINE

Double Work Station		TPC-45	TPC-55	TPC-65	TPC-75	TPC-90
Product max volume (L)		2	3.5	5	8	12
Idle cycle (PC/h)		900*2	900*2	900*2	800*2	900
Screw diameter (mm)		45	55	65	75	90
Screw (L/D) ratio		24	24	24	24-90	24-30
Plasticizing capacity (Kg/H)		30-45	45-55	60-90	90-120	100-150
Drive power KW		11	15	18.5-22	22-30	22-45
Segment of temperature control		3	3	3	4	4
Heat power (KW)		6	7.8	10.8	15-20	15-25
Ascend and descend scope (mm)		200	200	200	250	280
Clamping force (KN)		38	56	78	100	120
Platen opening stroke (mm)		150-275	130-380	150-400	230-580	250-650
Platen Size (mm)		260*215	315*280	290*360	400*410	400*510
Oil pump power (kw)		4	5.5	5.5	15	15
Average consumption power (KW)		14	18	21	30	40
General dimension (L*W*H)(m)		2.1*1.6*2.2	2.6*1.9*2.2	3.5*2.1*2.3	3.6*2.2*2.5	3.75*2.1*2.75
Weight (T)		2	3.5	5.2	7	6.5
Mold thickness (mm)		135-250	135-250	155-300	235-350	255-400
Single Die	Max diameter of die head (mm)	100	100	150	300	300
	Center distance (mm)					
Double die	Max diameter of die head (mm)	65	100	65	90	100
	Center distance (mm)	130	150-180	130	150-180	150-180
Triple die	Max diameter of die head (mm)	30	90	30	45	90
	Center distance (mm)	80	140	80	110	140
Quad die	Max diameter of die head (mm)	20	20	30	40	60
	Center distance (mm)	60	60	80	130	140
Six die	Max diameter of die head (mm)			30	40	40
	Center distance (mm)			80	80	100
Accumulator Head	Max diameter of die head (mm)	100	100	180	180	220
	Accumulator (L)	1	1		1.25	1.25

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# ENERGY SAVING INJECTION MOLDING MACHINE

Technical Parameter		SE-90			SE-130			SE-160		
		A	B	C	A	B	C	A	B	C
<b>INJECTION UNIT</b>										
Screw Diameter	mm	32	36	40	36	40	45	40	45	50
Screw L/D Ratio	l/d	24.7	22	19.8	24.4	22	19.5	24.7	22	19.8
Shot Size ( Theoretical)	cm <sup>3</sup>	126	160	197	194	240	303	276	350	432
Injection weight( PS)	g	115	146	179	177	218	276	251	318	393
Injection Rate	g/s	75	95	117	99	122	155	119	151	187
Plasticizing Capacity	g/s	14.2	18	22.2	18	22.2	28.1	19.8	25	30.9
Injection Pressure	mpa	234	185	150	222	180	142	227	180	145
Screw Speed	rpm		0-245			0-225			0-225	
<b>CLAMPING UNIT</b>										
Clamp Tonnage	kn		900			1300			1600	
Space Stroke	mm		320			350			450	
Space Between Tie Bars	mm		360*360			410*410			455*450	
Max.Mold Height	mm		330			430			500	
Min.Mold Height	mm		110			130			150	
Ejector Stroke	mm		90			110			110	
Ejector Tonnage	kn		28			35			35	
Ejector Number	pc		5			5			5	
<b>OTHERS</b>										
Max.Pump Pressure	mpa		16			16			16	
Pump Motor Power	kw		11.7			12.5			18.5	
Heater Power	kw		6.5			8.75			9.84	
Machine Dimension (LxWxH)	m		4.2*1.2*1.6			4.6*1.3*1.7			5.2X1.3X1.8	
Machine weight	t		3			3.7			5.2	
Hopper Capacity	kg		25			25			25	
Oil Tank Capacity	l		220			236			306	

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TECHNICAL PARAMETER	FTN-220			FTN-280			FTN-330			FTN-400			FTN-500			FTN-600			FTN-700			
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
<b>INJECTION UNIT</b>																						
Screw Diameter	mm	45	50	55	55	60	65	65	65	70	65	70	75	75	80	85	80	85	90	85	90	90
Screw L/D Ratio	l/d	24.4	22	20	24	22	20.3	21.6	20	18.5	23.7	22	20.5	23.5	22	20.7	23.4	22	20.8	23.3	22	24.4
Shot Size ( Theoretical)	cm <sup>3</sup>	405	500	605	638	760	890	894	1050	1217	1164	1350	1550	1758	2000	2258	2217	2502	2805	2502	2805	3080
Injection weight( PS)	g	368	455	550	580	690	810	805	945	1095	1062	1232	1414	1605	1825	2020	2023	2283	2560	2283	2560	2809
Injection Rate	g/s	147	182	220	215	255	330	262.4	308	357.2	331.3	384.3	441.1	373.5	425	480	440.2	497	557.1	486.1	545	545.7
Plasticizing Capacity	g/s	24	29.6	35.8	31.8	37.8	44.3	34.1	40	46.4	40.8	47.4	54.4	53	60.3	68.1	57.9	65.4	73.3	64.3	72.1	69.5
Injection Pressure	mpa	222	180	148	214	180	158	211	180	155	203	175	152	199	175	155	197	175	156	196	175	210
Screw Speed	rpm	0-190			0-185			0-200			0-180			0-160			0-180			0-160		
<b>CLAMPING UNIT</b>																						
Clamp Tonnage	kn	2200			2800			3800			4000			5000			6000			7000		
Space Stroke	mm	500			550			660			710			800			910			980		
Space Between Tie Bars	mm	515X510			580x580			680x680			730x730			820x820			885x885			960x960		
Max.Mold Height	mm	520			580			650			750			800			880			980		
Min.Mold Height	mm	165			200			220			250			250			300			400		
Ejector Stroke	mm	160			160			160			200			250			250			280		
Ejector Tonnage	kn	65			65			65			110			125			125			200		
Ejector Number	pc	9			9			9			17			17			21			21		
<b>OTHERS</b>																						
Max.Pump Pressure	mpa	16			16			16			16			16			16			16		
Pump Motor Power	kw	22			30			30			37			45			55.5			67		
Heater Power	kw	12.73			16.9			18.5			23.15			29.2			32.65			36.7		
Machine Dimension (LxWxH)	m	5.7x1.5x1.9			6.2x1.5x2.0			7.0x1.8x2.4			8.0x2.1x2.4			8.5x2.2x2.4			9.5x2.4x2.4			10.2x2.5x2.8		
Machine weight	t	7.0			9.0			13			17			21			29			37		
Hopper Capacity	kg	50			50			50			50			50			100			100		
Oil Tank Capacity	l	380			500			620			650			850			1100			1280		



# WATER CHILLER



Type		Technical Parameters of water cooling					
Model		TPC-5HP	TPC-8HP	TPC-10HP	TPC-15HP	TPC-20HP	
Nominal output	50HZ	Btu/h	42334	77498	94056	148168	221227
		kw	12.4	22.7	27.6	43.4	64.8
		Kcal/j	10662	19518	23688	37317	55718
		usrt	3.5	6.5	7.8	12.3	18.4
Power input		220V/50HZ		380-415V/3PHASE/50HZ			
Compressor Power		kw	3.15	5.85	7.38	11.84	15.68
Flow regulator		Capillary vessel/ Thermo expansion valve					
Regreant		R22					
Condenser	Style	Water type/Hub pipe type					
	water flow	m <sup>3</sup> /h	2.6	4.86	5.3	9.34	14.2
	Diameter of nipple	DN	32	40	40	50	65
Evaporator	Style						
	water tank capanny	L	55	150	150	180	610
Standard freezing water Flow		m <sup>3</sup> /h	2.2	3.9	4.2	7.5	11.1
Diameter of standard nipple		DN	32	40	40	50	65
Built-in pump		Horsepower	1	1	1.5	2	2
Machine weight	weight	kg	130	315	300	650	750
Measure (MM)	Long		1080	1380	1380	1520	2100
	Wide		610	700	700	750	800
	Height		980	1260	1260	1260	1350

# HOPPER DRYER



Model	Capacity (kg)	Power		External Dimensions	Weight (kg)
		Heater Power	Blower Power		
TPC - 12E	12	1.8	50	620*400*820	22
TPC - 25E	25	3	120	760*500*1040	34
TPC - 50E	50	4.5	180	870*540*1210	45
TPC - 75E	75	5.5	180	940*600*1310	56
TPC - 100E	100	6	220	1020*730*1410	68
TPC - 150E	150	7.5	300	1100*770*1760	90
TPC - 200E	200	10	350	1200*850*1830	110
TPC - 300E	300	15	750	1420*1000*1880	150
TPC - 400E	400	15	750	1480*1060*2000	170

# AUTO LOADER



Model		TPC-300G	TPC- 400G	TPC- 700G	TPC-800G	TPC-800G1
Motor	Type	Carbon Brush	Induction	Carbon Brush	Induction	Induction
	Size	1000W 1φ	750W 3φ	1000W 1φ	1HP 3φ	1.5HP 3φ
Feeding ability (kg/t)		300	400	300	400	450
Material sucking Life (m)		4	4	4	5	5
Static wind pressure		1500	1500	1500	1800	2100
Capacity of Material Barrel		7.5	7.5	7.5	7.5	7.5
Diameter of feeding pipe (mm)		φ 38	φ 38	φ 38	φ 38	φ 38
Appearance Size (cm)	MainUnit	40*36*52	50*37*66	37*30*55	46*38*64	46*38*64
	Maternal Tank	40*36*52	50*37*66	39*30*44	39*30*44	39*30*44
Weight(kg)	Main Unit	12	30	19	46	46
	Maternal Tank	12	30	6	6	6

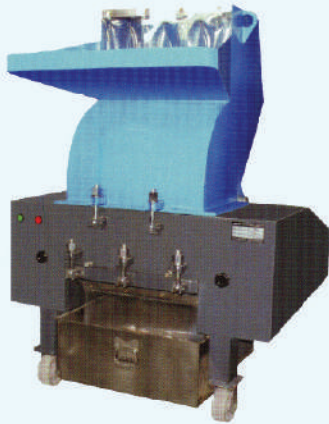
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# COLOR MIXER



Model	Mixing	Motor power (kw)	Rotary speed (r/min)	External Dimensions	Weight (kg)
TPC-25J	25	0.75	80	720*670*900	90
TPC-50J	50	1.5	80	850*810*1070	120
TPC-100J	100	3	80	1020*980*1360	170
TPC-150J	150	4	68	1150*1050*1400	230
TPC-200J	200	5.5	68	1300*1180*1500	320
TPC-300J	300	7.5	58	1450*1350*1650	380

# CRUSHER



Model	Crushing Chamber (mm)	Crush Capacity (kg/h)	Rotating Blade (pcs)	Fixed Blade (pcs)	Motor power (kw)	External dimensions (mm)	Weight (kg)
TPC -180F	180*160	100-150	9	2	1.5/2.2	630*520*950	140
TPC -230F	230*200	150-200	6	2	4	900*640*1050	250
TPC -300F	300*230	200-250	9	2	5.5	1030*750*1200	380
TPC -400F	400*245	300-450	12	2	7.5	1100*860*1330	550
TPC -500F	500*300	400-800	15	2	11	1300*1020*1520	700
TPC -600F	600*335	450-900	18	4	15	1450*1150*1700	950
TPC -800F	800*500	650-1300	24	4	22-37	1850*1410*2130	1700
TPC -1000F	1000*610	750-1500	30	4	37-55	1950*1580*2500	2800

# COOLING TOWER



Model	Flow (m³/h)	Fan diameter (mm)	Theoretical air (m³/h)	Motor power (kw)	Rated current of motor (A)	Inlet	Outlet	External dimension (mm)		Standard type		Low-noise type	
								Tower height	Max Outside Diameter	weight (kg)		weight (kg)	
								H	Dmax	Net Weight	Running Weight	Net Weight	Running Weight
TPC-10	10	635	5700	0.18	0.8	38	38	1670	914	75	200	85	221
TPC-15	15	760	9100	0.37	1.4	50.8	50.8	1780	1250	110	265	124	295
TPC-20	20	787	11300	0.55	1.4	50.8	50.8	1780	1168	140	300	158	334
TPC-25	25	760	15000	0.55	2.0	50.8	50.8	1960	1400	160	364	174	404
TPC-30	30	787	17000	0.75	2.6	76.2	76.2	1980	1524	165	369	185	410
TPC-40	40	884	21000	0.75	2.6	76.2	76.2	2010	1740	165	369	192	430
TPC-50	50	900	23000	1.1	3.6	76.2	76.2	2010	1828	191	433	215	481
TPC-60	60	1168	28000	1.3	4.4	102	102	2400	2083	368	730	412	810
TPC-80	80	1168	45000	2.2	7.7	102	102	2680	2134	607	1023	680	1137
TPC-100	100	1470	50000	2.2	7.7	127	127	2820	2850	695	1130	776	1255

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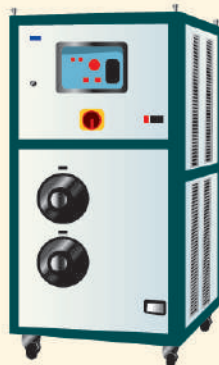
# AIR COMPRESSOR



Model no. of the engine	09WM
Model no.	09WM-1130H-YQ
Air Discharge	1.2 Nm <sup>3</sup> /min
Discharge Pressure	3.0 Mpa
Level of Compression	2
Motor Power	11KW (15HP)
Running Weight	630 r.p.m
Weight	546 KG
Size	1740*796*1033mm



Model no.	HTA -120x
Air Discharge	1Nm <sup>3</sup> /min
Discharge Pressure	3.0Mpa
Motor Power	11KW (15HP)
Weight	576 KG
Size	1740* 677* 1382 mm



AIR DRYER



AIR FILTER



# DIFFERENT TYPES OF SPARE PARTS



**PLC MONITOR**  
(BLOW MACHINE)



**PLC**  
(BLOW MACHINE)



**SPEED CONTROLLER**  
(DIGITAL)



**EXHAUST FAN**



**AIR PRESSURE REGULATOR**  
(HIGH+LOW)



**AIR SOURCE PROCESSOR**



**AIR SOURCE REGULATOR**  
(F.R.L Combination G 1/2" 398)



**BLOWER**  
(ROTARY HEATER)



**INVERTER**

# DIFFERENT TYPES OF SPARE PARTS



BLOWING **CYLINDER**



INFRARED TUBE **HEATER**



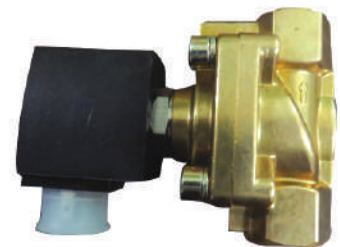
EMERGENCY **PUSH  
SWITCH**



SOLENOID **VALVE**  
(HIGH PRESSURE )



SOLENOID **VALVE**  
(LOW PRESSURE)



SOLENOID **VALVE**  
(HIGH PRESSURE)



SPEED **CONTROLLER**  
(ANALOG)



CYLINDER **MOUTH**  
(JAR BLOWING)



SEAL **RING**  
(BLOWING CYLINDER)

# DIFFERENT TYPES OF SPARE PARTS



**TEFLON**



**T -VALVE**



**BLOWER**  
(AUTO LOADER)



**CONTROLLER**  
(CHILLER)



TEMPERATURE **CONTROLLER**



HOPPER **MAGNET**



EJECTOR **PIN**



CRUSHER **BLADE**



TRANSDUCER

# DIFFERENT TYPES OF SPARE PARTS



**MOTHER BOARD**  
(PLC MONITOR)



**POWER SUPPLY**  
(INJECTION MOLDING MACHINE)



**PLC MONITOR**  
(INJECTION MOLDING MACHINE)



**HYDRAULIC DIRECTIONAL VALVE**



**LUBRICANT FILTER**



**HYDRAULIC PROPORTIONAL VALVE**



**LIMIT SWITCH**



**NOZZLE HEATER**



**HOPPER HEATER**

# DIFFERENT TYPES OF SPARE PARTS



**BEARING**  
(AIR COMPRESSOR)



**CONNECTING ROD**  
(AIR COMPRESSOR)



**FILTER CORE**  
(AIR COMPRESSOR)



**GAS VALVE COMPONENTS**  
(AIR COMPRESSOR)



**PISTON RING**



**MOTOR**  
(COOLING TOWER)



**FAN**  
(COOLING TOWER)



**SPRINKLER HEAD**  
(COOLING TOWER)



**INFILL**  
(COOLING TOWER)



## **TECHNO PLAST SPARES**

Your Trusted Industrial Partner

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