



Plastics, Food & Beverage Specialist



TECHNO PLAST CONSULTANCY

Your Trusted Industrial Partner

COMPANY PROFILE

TECHNO PLAST CONSULTANCY is an established trading house involved in indents, imports, supply and consultancy since 2001; located at New Eskaton Road, Dhaka. In the field of trading for industrial machinery & equipments, we have remarkable reputation from the very beginning.

We supply plants & machinery equipments as per our customers' requirement. We are maintaining our commitment & quality since the foundation. We assure on-time delivery, quality products and after-sales service by keeping our goal set for ensuring the total satisfaction of our customers. To ensure the service quality for after-sales, **TECHNO PLAST CONSULTANCY** employs service engineer through strict selection and provide sufficient on job training. Service department aims at customer-oriented, provide professional advice and technological support to customer. Needless to say, we are very strong in this service area of plants & machinery.

We believe "No quality, No future" and "Honesty is the key principle for business". So we are committed to serve our customers with utmost sincerity, honesty & professionalism. We look forward to the co-operation of all our valued customers, business associates & well-wishers and would like to have a good business relationship with all.

Our Vision

To become the number one supplier of our customers with our products and provide quality services that exceeds the expectations of our esteemed customers.

Our Mission

To strive to meet the increasing and diversified demands of the customers.

To provide quality products & reliable services and sourcing from reputed manufacturers.

To generate a high standard of commitment to our customers.

To become professional marketing partners for our principles to meet the objectives of sales and customer service.

To enhance the creative energies of all our people through team work and a transparent work environment.

Our Core Values

Our core values are Transparency, Commitment, Expertise, Honesty, Quality, and Trust. We believe that honesty, transparency & integrity are the basis for success. We believe in treating our customers with respect and faith. We love what we do and strive to enable our customers to do what they want. We strive to achieve excellence in everything we do such that we met or exceed our customers' expectations. We undertake the responsibility of each work we perform & try best to do things faster in a more efficient manner. We believe that our products, services, and way of doing business should enable our customers and employees to achieve their goals.

Scope of Business



Food & Beverage Machinery

- Water Treatment Plant with Filling Line
- CO₂ Preparation & Filling Line
- Juice Preparation & Filling Line
- Candy, Biscuit, Toast Production Line
- Bread, Cookies, Cake Production Line
- Noodles Production Line
- Automatic Sleeve Labeling Machine
- Cold Glue, Hot Glue, Sticker Labeling
- Automatic Shrink Wrapping Machine
- Laminating & Printing Machine
- All kinds of Packing Machine
- Laser Marking & Coding Machine

Plastic Machinery

- PET Bottle & Jar Making Plant
- HDPE Bottle & Container Making Plant
- Plastic Cap & Closure Making Plant
- Plastic Furniture & House Hold Item
- PVC Door, Pipe & Fittings Project
- PET One Step Injection Blow Molding Machine

Mill Machinery

- Flour Mill
- Lentil / Dal Mill
- SILO & Grain Handling Equipment
- Edible Oil Project
- Spices Grinding Plant
- Seed Oil and Meal Production Plant
- Edible Oil Refinery Plant

Auxiliary & Ancillary Equipment

- Water Chiller
- Cooling Tower
- Air Compressor
- Hopper Dryer
- Vacuum Loader
- Crusher or Grinder
- Mixer
- Air Dryer
- Air Filter
- Pump, Valve, Heater, PLC, etc.
With Technical Support.

Plastic Injection Molding Machine



High Quality / High Efficient / High Precision / Energy Saving / T-slot

SPECIFICATION		UN-100-EPIII			UN-140-EPIII			UN-180-EPIII		
		A	B	C	A	B	C	A	B	C
SCREW MODEL										
INJECTION UNIT										
SCREW DIAMETER	mm	32	36	40	36	40	45	40	45	50
SCREW L/D RATIO	l/d	22.5	20.0	18.0	22.2	20.0	17.8	22.5	20.0	18.0
SHOT VOLUME	cm ³	145	183	226	204	251	318	283	358	442
SHOT WEIGHT	g	132	167	206	185	229	289	257	326	402
	oz	4.6	5.9	7.3	6.5	8.1	10.2	9.1	11.5	14.2
INJECTION PRESSURE	Bar	2222	1755	1422	2154	1745	1378	2231	1763	1428
INJECTION RATE	cm ³ /s	76	96	118	98	120	152	118	149	184
PLASTICIZING CAPACITY	g/s	8.4	13.1	20.7	13.6	21.5	28.3	20.2	26.6	31.9
MAX. SCREW SPEED	r/min	0-256			0-267			0-250		
CLAMPING UNIT										
CLAMP FORCE	KN	1000			1400			1800		
SPACE BETWEEN TIE BARS	mm	410x360			460x410			520x470		
MIN.MOLD SIZE	mm	310*310			340*340			380*380		
TOGGLE STROKE	mm	350			400			460		
MIN.MOLD HEIGHT	mm	150			170			200		
MAX. MOLD HEIGHT	mm	400			480			550		
DISTANCE BETWEEN PLATENS (DAYLIGHT)	mm	750			880			1010		
EJECTOR STROKE	mm	110			130			130		
EJECTOR FORCE	KN	40			49			49		
EJECTOR NUMBER	Pcs	5			5			5		
POWER UNITS										
SYSTEM PRESSURE	Bar	175			175			175		
PUMP MOTOR POWER	KW	11			15			18		
HEATING POWER	KW	6.3			7.5			11.5		
GENERAL										
OIL TANK CAPACITY	L	120			150			200		
MACHINE DIMENSION (L×W×H)	m	4.2*1.1*1.8			4.4*1.2*1.9			5.1*1.3*2.0		
MACHINE WEIGHT	t	3.3			4.3			5.5		
HOPPER CAPACITY	kg	25			25			50		

* Specification are subject to change without notice

High Efficient Energy Saving Injection Molding Machine

SPECIFICATION

	UN-230-EPIII			UN-270-EPIII			UN-300-EPIII			UN-350-EPIII			UN-400-EPIII			UN-500-EPIII			UN-560-EPIII				
SCREW MODEL	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D	
INJECTION UNIT																							
SCREW DIAMETER	45	50	55	55	60	65	60	65	70	65	70	75	70	75	80	75	80	85	90	80	85	90	100
SCREW L/D RATIO	22.2	20.0	18.2	21.8	20.0	18.5	21.7	20.0	18.6	21.5	20.0	18.7	21.4	20.0	18.8	22.1	20.7	19.5	18.4	21.9	20.6	19.5	17.6
SHOT VOLUME	398	491	594	713	848	995	919	1078	1251	1161	1347	1546	1443	1657	1885	1546	2136	2412	2704	2262	2554	2863	3534
SHOT WEIGHT	9	362	447	541	649	772	906	836	981	1138	1057	1226	1407	1313	1508	1407	1944	2195	2460	2058	2324	2605	3216
	12.8	15.8	19.1	22.9	27.2	32.0	29.5	34.6	40.1	37.3	43.2	49.6	46.3	53.2	60.5	49.6	68.6	77.4	86.8	72.6	82.0	91.9	113.4
INJECTION PRESSURE	2299	1862	1539	2036	1711	1458	2013	1715	1479	1988	1714	1493	1857	1618	1422	1848	1624	1439	1283	1792	1588	1416	1147
INJECTION RATE	146	180	218	206	245	288	287	337	391	290	337	387	353	406	462	455	517	584	655	469	529	593	732
PLASTICIZING CAPACITY	22.7	27.2	33.2	31.2	39.7	48.2	43.6	53.0	62.3	44.2	51.9	64.9	44.3	55.3	62.0	56.7	63.5	74.8	95.2	52.9	62.3	79.3	98.2
MAX. SCREW SPEED	0-213			0-200			0-220			0-183			0-156			0-160				0-133			
CLAMPING UNIT																							
CLAMP FORCE	2300			2700			3000			3500			4000			5000				5600			
SPACE BETWEEN TIE BARS	570x520			620x570			670x620			720x670			770x720			870x820				920x870			
MIN. MOLD SIZE	430*430			450*450			500*500			550*550			600*600			650*650				700*700			
TOGGLE STROKE	520			560			610			660			740			850				900			
MIN. MOLD HEIGHT	220			250			250			250			300			350				400			
MAX. MOLD HEIGHT	570			600			650			700			750			800				880			
DISTANCE BETWEEN PLATE(S) (DAY/LIGHT)	1090			1160			1260			1360			1490			1650				1780			
EJECTOR STROKE	150			150			170			170			220			220				250			
EJECTOR FORCE	77			77			95			95			120			120				160			
EJECTOR NUMBER	9			13			13			13			13			17				17			
POWER UNITS																							
SYSTEM PRESSURE	175			175			175			175			175			175				175			
PUMP MOTOR POWER	22			30			37			37			45			55				55			
HEATING POWER	14			16			20			23			28			31				40			
GENERAL																							
OIL TANK CAPACITY	L	240		300			400			400			500			650				650			
MACHINE DIMENSION (L×W×H)	m	5.4*1.4*2.2		6.0*1.5*2.2			6.5*1.6*2.3			7*1.7*2.4			7.3*1.85*2.4			8*2.1*2.4				9*2.15*2.7			
MACHINE WEIGHT	t	7		8			9			12.5			14			18				22.5			
HOPPER CAPACITY	kg	50		75			75			75			100			100				100			

* Specification are subject to change without notice

CSD -IBM SERIES HIGH PRECISION PET ONE-STEP INJECTION STRETCH BLOW MOLDING MACHINE



		CSD-IBM30				CSD-IBM35				CSD-IBM40				CSD-IBM50					
Injection Unit	Screw Diameter	mm	30				35				40				50				
	Screw L/D Ratio	L/D	22				22				22				22				
	Shot Volume (Theoretical)	cm ³	92				150				244				441				
	Shot Weight	g	110				180				292				401				
	Injection Pressure	Mpa	200				193				192				182				
	Injection Rate	g/s	63				86				112				175				
	Screw Speed	rpm	0-200				0-200				0-200				0-200				
	Plasticizing Capacity	g/s	8.9				11.8				17.7				32				
Injection Mold Unit	Clamping Type		Hydraulic Clamping				Hydraulic Clamping				Hydraulic Clamping				Hydraulic Clamping				
	Clamping Force	KN	70				100				300				400				
	Mold Core Stroke	mm	250				270				230+270				240+280				
	Preform Mold Open Stroke	mm	210				220				230				240				
	Preform Mold Thickness	mm	410				420				410-440				410-440				
Stretching Blow Unit	Wheel Diameter	mm	630				750				940				1100				
	Blow Mold Clamping Type		Hydraulic Clamping				Hydraulic Clamping				Hydraulic Clamping				Hydraulic Clamping				
	Blow Mold Clamping Force	KN	50				60				130				180				
	Blow Mold Stroke	mm	75+75				85+85				90+90				100+100				
	Blow Mold Min. Thickness	mm	100				100				102				122				
	Seal Stroke	mm	250				250				250				250				
	Stretching Stroke	mm	200				200				200				200				
Others	Cavity		6	4	3	2	8	6	4	2	10	8	6	4	12	10	8	6	4
	Center Distance	mm	40	60	80	120	40	52	80	160	40	52	70	100	40	52	70	100	120
	Product Diameter	mm	34	55	72	90	34	48	72	90	34	48	62	90	34	48	62	90	100
	Product Length	mm	85	120	180	220	85	120	180	220	85	120	180	220	85	120	180	220	240
	Product Max. Volume	ml	50	120	290	500	50	120	290	500	50	120	290	500	50	120	290	500	750
	Preform Internal Heater Stroke	mm	270				270				270				280				
	Preform External Heater Stroke	mm	170				170				170				180				
	Blowing Air Pressure	Mpa	3.5				3.5				3.5				3.5				
	Blowing Air Flow	L/min	400				400				400				400				
	Movements Air Pressure	Mpa	1.0				1.0				1.0				1.0				
	Movements Air Flow	L/min	400				400				400				400				
	Cooling Water	L/min	120				120				120				120				
	Cooling Water Pressure	Mpa	0.3-0.6				0.3-0.6				0.3-0.6				0.3-0.6				
	Heating Power	KW	13				14				18				25				
	Pump Motor Power	KW	22				25				37				45				
	Machine Dimension(L×W×H)	M	3.8×1.3×2.8				4.0×1.4×2.9				5.1×1.7×3.3				6.2×2.1×3.5				

* Specification are subject to change without notice

Semi-Automatic Blow Molding Machine



Blow Moulds



Technical Specification:

ITEM	DESCRIPTION		1 Cavity	2 Cavity
PRODUCT	Theoretical output	Pcs/h	200-500	600-900
	Max. Volume	L	5.0/7.0	2.0/3.0
	Max. height	mm	360	360
	Max. diameter	mm	190	105
MOULD	Number of cavities	/	1-2	2
	Mould plate dimension(LxH)	mm	490×470	490×405
	Mould thickness	mm	250	220
	Mould opening stroke	mm	220	160
ELECTRICAL	Power		220-380V 50-60Hz	220-380V 50-60Hz
	Total power (Machine & Heat)	KW	15	15
MACHINE	Main body Dimension (LxWxH)	m	1.6×0.65×2.0	1.5×0.65×2.0
	Main body weight	kg	600	650
	Pre-heater dimension	m	1.4×0.6×1.4	1.4×0.6×1.4
	Pre-heater weight	kg	300	300

* Specification are subject to change without notice

Automatic PET Blow Molding Machine



Technical Specification:

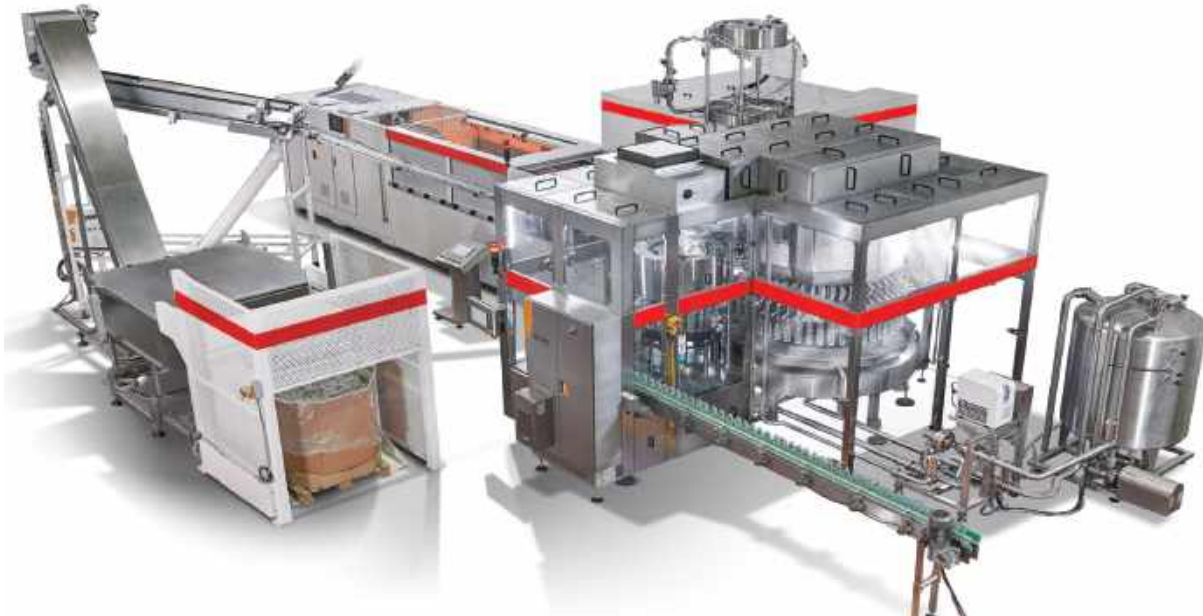
ITEM	DESCRIPTION		3 Cavity	4 Cavity	6 Cavity
PRODUCT	Theoretical output	Pcs/h	3000	4000	5500
	Max. Volume	L	1.5	1.5	1.5
	Max. height	mm	360	360	360
	Max. diameter	mm	105	105	105
MOULD	Number of cavities	/	3	4	6
	Mould plate dimension(LxH)	mm	430X360	600X360	840X360
	Mould thickness	mm	188	188	198
	Mould opening stroke	mm	110	110	110
ELECTRICAL	Power		220-380V 50-60Hz	220-380V 50-60Hz	220-380V 50-60Hz
	Total power	KW	18	25	35
	Heating power	KW	15	22	32
AIR SYSTEM	Operation pressure	Mpa	0.8-1.0	0.8-1.0	0.8-1.0
	Action air consuming	m ³ /min	≥1.6	≥1.6	≥1.6
	Blowing pressure	Mpa	2.6-4.0	2.4-4.0	2.6-4.0
	Blowing air consuming	m ³ /min	≥2.4	≥2.4	≥4.8
MACHINE	Main body Dimension (LxWxH)	m	2.7X1.45X2.5	3.4X1.9X2.5	4.5X1.9X2.0
	Main body weight	kg	2200	2600	4200
	Preform autoloader	m	1.9X1.9X2.2	1.9X1.9X2.2	2.1X1.9X2.4
	Preform automatic weight	kg	200	200	300

* Specification are subject to change without notice

Automatic Rotary Blow Molding Machine



Blowing Washing-Filling-Capping Machine (Combi Block)



Extrusion Blow Molding Machine



Technical Specification:

Item	Unit	1 Liter	2 Liter	5 Liter	20 Liter	30 Liter
Raw Material	-	PE / PP / PA / PVC etc.				
Diameter of screw	mm	55/60	65	80	100	110
L/D of screw	L/D	23:1	25:1	23:1/25:1	25:1	25:1
Extrusion power	kw	9/11	14	16/18	23/26	34
Heating power	kw	1.5 - 3	2-5	3-6	8-14	10-14
Heating zones	piece	4	5	5	6/7	8
Plasticizing capacity	kg/h	55	70	95/100	150/160	180
Clamping force	KN	50	80	100	180	200
Air Pressure	Mpa	0.6	0.6	0.6	0.6-0.8	0.6-0.8
Open stroke	mm	160-310	160-360	200-400/230-480/230-580	250-550/300-650/400-800	380-730/450-850
Air consumption	m ³ /min	0.4/0.6	0.4/0.8	0.8/1	1	1.1
Water consumption	m ³ /h	0.6/1	1/1.2	1.2	2	2.2
Weight	Ton	2.3/4.2	3.2/6.5	4.2/7.8/9	17/18.5	20
Dimension	m	3.3x1.7x1.8	3.4x2.0x2.1/ 3.4x2.2x2.1	4.1x2.2x2.2/ 4.1x2.8x2	5.0x6.5x2.4- 5.8x3.7x2.3	6x4.2x2.4/ 6x4.7x2.4

* Specification are subject to change without notice

Cap Making Machine



Cap Compression Molding Machine



Cap Slitting Machine

Technical Specification:

Min. cap diameter	25mm
Max. cap diameter	60mm
Min. cap height	15mm
Max. cap height	25mm
Output per hour	12000-25000
Power	1KW
Contour dimensions	1300x700x1500mm
Machine weight	380kg
Compressed air consumption	Approximate 600NI/min



Screw Air Compressor



High Pressure Air Compressor

* Specification are subject to change without notice

Auxiliary Machinery



Water Chiller



Color Mixer



Hopper Dryer



Crusher



Auto Loader



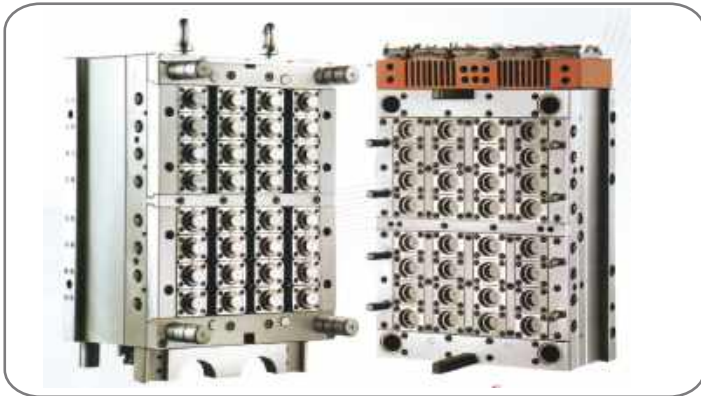
Cooling Tower

Preform, Cap & Blow Moulds

Hot Runner Preform Moulds



Hot Runner Cap Moulds



Blow Moulds



Different Plastic Moulds

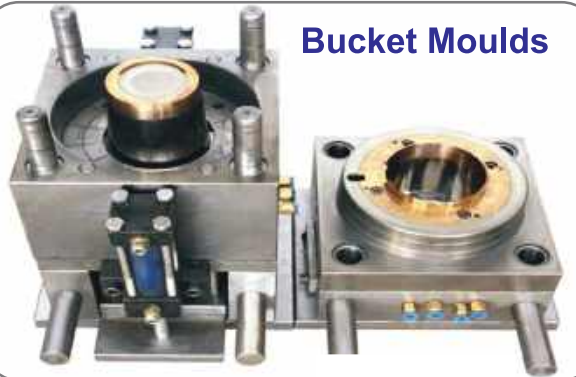
Chair Moulds



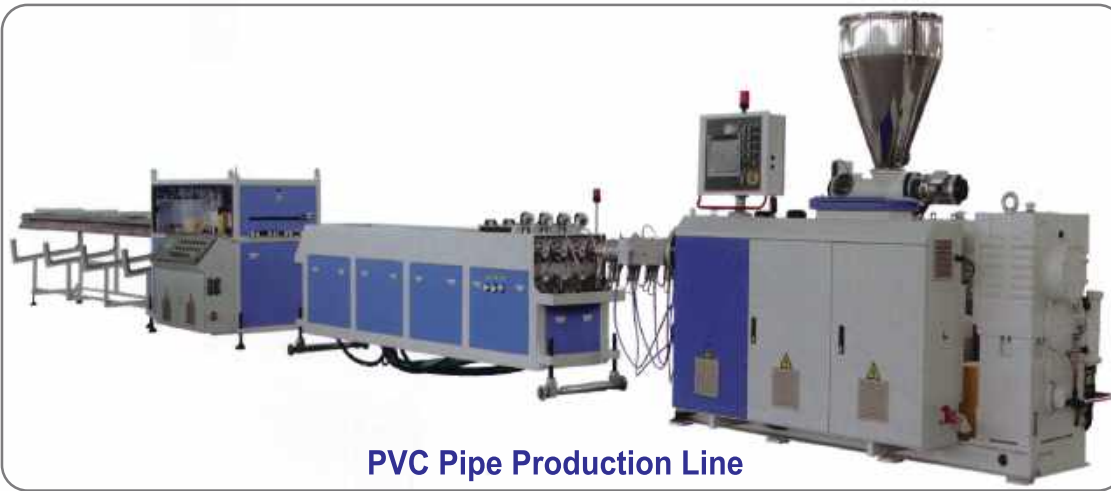
Plastic Pipe Fittings Moulds



Bucket Moulds



Plastic Extrusion Machinery



PVC Pipe Production Line



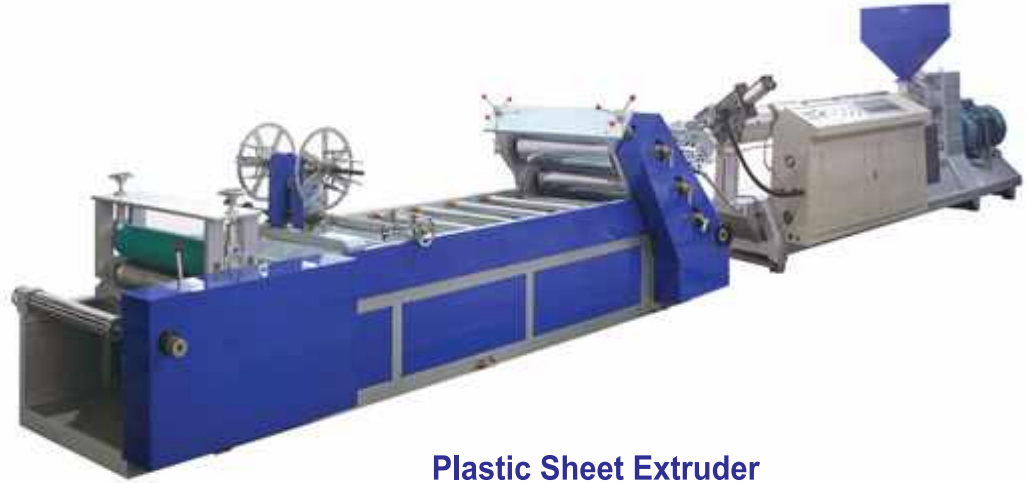
PET Sheet Production Line



Plastic Recycling Project



Plastic Sheet Making & Thermoforming Machine



Plastic Sheet Extruder



Thermoforming Machine

Max. Forming Area	650*320 mm ²
Running Speed	15-30 cycles/min (According to sheet thickness, material used and product shape)
Running pattern	Hydraulic/Cam
Cutting Pattern	In Mold Automatic
Sheet Material	PP, PS,HIPS,PET,PVC
Sheet Thickness Range	0.2-2 mm
Max. Forming Depth, Sample Height	120 mm
Oil Pump Moto Power	15 KW (Double Pump)
Max. Sheet Roll Dia.	800 mm
Heater Arrangement	(120 Pieces, 650 W) Top+ Bottom Heating With IR Ceramic Heater
Temperature Controller and thermocouple	PID K-type
Electrical Consumption	40 KW/h
Overall Power	100 KW
Air Consumption	1.5-1.8 m ³ /min, 0.60.8 Mpa
Dimension	L36501 * W1730 * H2500 mm
Weight	4.4 Ton
Power Supply	380v/ 50Hz Three Phase Four Wires



Vacuum Forming Machine

Poly Bag Making Machinery



Bag Making & Printing Machinery



Non-Woven Bag Making Machine



Pad Printing Machine



Flexo Printing Machine

Gravure Printing Machine



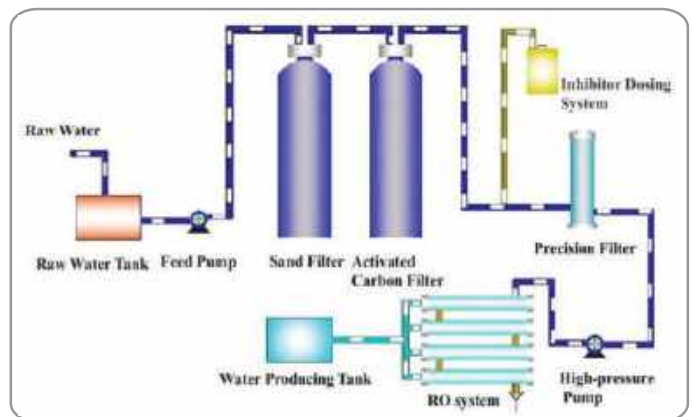
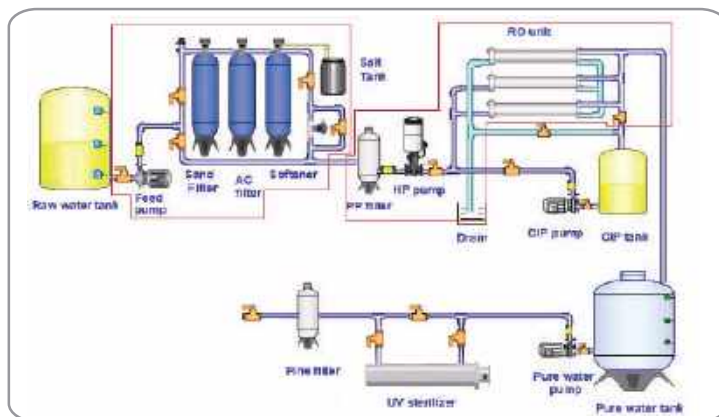
Curved Surface Offset Printer



Complete Drinking Water Treatment Plant



Drinking Water Treatment Plant



20L Jar Filling Machine



Revers Osmosis System (RO)

Filling, Labeling, Shrink Wrapping Machine for Water, Juice & CSD



Bottle Washing-Filling-Capping Machine



Labeling Machine



Shrink Wrapping Machine



Full Range of Solution for Juice & Carbonated Drink Processing



Flour Mill & Grain Storage SILO with Handling Equipment



SILO System



Pneumatic Roller Mill



Stone Seperator



Semolina Purifier



Square Shifter



Laboratory Equipment For Flour, Feed, Oil, Dal & Rice Mill



Damaged Starch Analyzer



Hammer Type Laboratory Mill



Gluten Washer



Gluten Index



Protein Analyzer



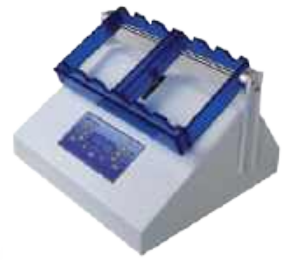
Falling Number



Cooling Unit



Ash Oven



Sedimentation Device



Shakematic



Falling Number



Roller Type Laboratory Mill



Nit Whole Grain Analyzer



Nit Flour Analyzer



Hectoliter



Moisture Meter



Dry Gluten



Sieve Shaker



Dockage Sieve Shaker

Hard & Soft Biscuit Production Line



Noodles Production Line (Instant & Stick)



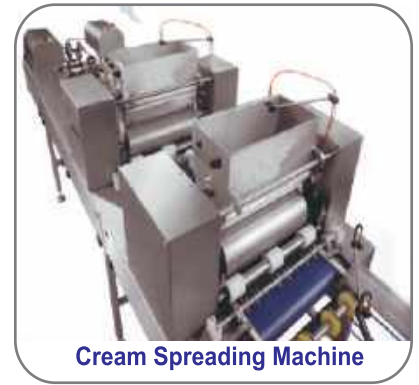
Wafer & Chocolate Machinery



Chocolate Enrobing Machine



Wafer Batter Mixing System



Cream Spreading Machine



Wafer Cutting Machine



Wafer Sheet Cooler



Wafer Sheet Cooler



Chocolate Ball Mill



Wafer Baking Oven



Fat Melting Machine



Discard Mill



Vertical & Horizontal Automatic Packing Machine



Vertical FFS Packing Machine



Horizontal Packing Machine



Laser Marking & Coding Machine



Bakery & Confectionery Machinery



Baking Rotary Oven



Gas Deck Oven



Baking Deck Oven



Dough Spiral Mixer



Dough Moulder



Automatic Dough Divider



Dough Rounder



Dough Intermediate Proofer



Automatic Bread Slicer

Spices Grinding Plant



Oils & Fats Technology

1 Preparatory

2 Extraction

3 Refinery Plant

4 Meal Bagging

Seed Crushing and Refinery Plant



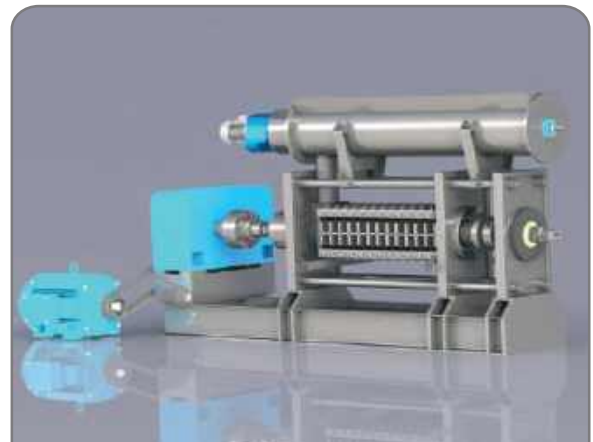
Mustard Oil Plant



Oil Collection



PLF

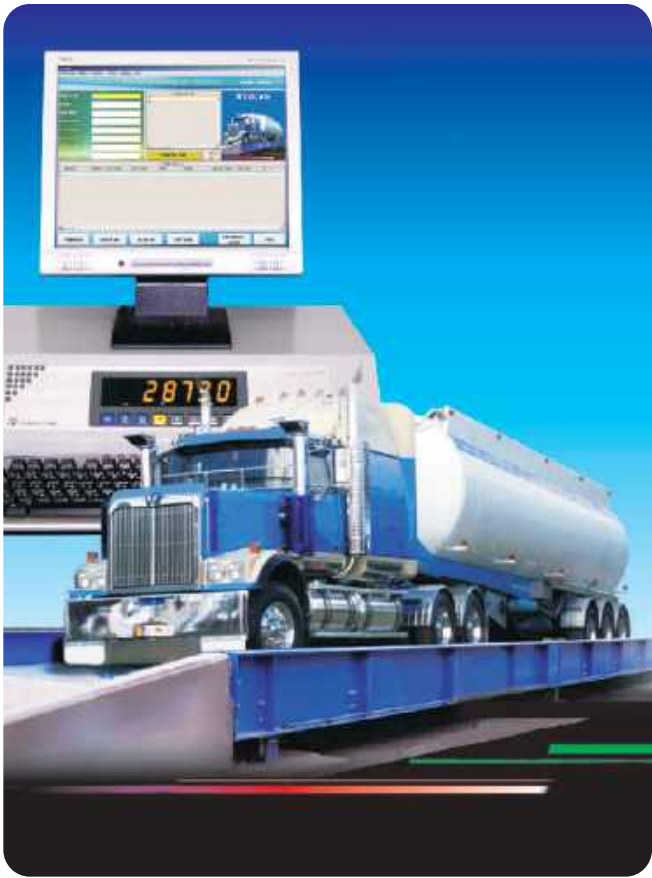


Expeller

Overhead Crane



Truck Scale



Some of Our Honorable Customer

 BASHUNDHARA GROUP	 TK GROUP	 MGI Master Group of Industries	 Esquire IN 1988 - IN 1998 - IN 2008	 BUET	 BUET
 AKG	 BEOL		 Sajeeb	 ABDUL MONEM LTD.	 Olympic
 অপ্সা	 AKIJ GROUP	 COCOLA	 ARBAB GROUP	 IBN SINA	 DAN CAKE
 M&J PASSION MAKES INNOVATION	 agata feed	 East Coast Group	 paragon group	 PRAN	 New Zealand Dairy
 COATS	 ZAMAN GROUP	 MAJUMDER GROUP OF INDUSTRIES	 ASM	 NABIL GROUP	 ACI
 Protik	 POLYCON INDUSTRIES	 PROME	 RONGDHANU GROUP www.rongdhanugroup.com	 Alin	 PREMIER cement
 NEVAGE	 Vegan	 S.B Group of Industries	 BEXIMCO PHARMA	 uniplast industries ltd.	 MASHUD GROUP
 DEEPLAID	 AKI FOOTWEAR	 EWCL	 ALBION	 Xelusive CORP. LIMITED	 EVEREST
 EPL Esquire Plastica Ltd.	 SWBL	 MARS FLOUR MILLS LTD. AGRO-BASED INDUSTRY		 Amrita	 SAGOR OIL MILL 1978 - 1979 - 1980



CORPORATE HEAD OFFICE:

Habib Center (5th Floor)
128, New Eskaton Road, Dhaka-1000.
Tel : +88 02 48320729, 8332769
Hotline : +88 09638881111
E-mail : info@technopc.net
Website : www.technopc.net

SHOWROOM 01: BAKE TECH CORPORATION

59, Kazi Nazrul Islam Avenue,
Farmgate (South of The Daily Star),
Tejgaon, Dhaka-1215
Cell : +88 01958-611021
E-mail : baketechcorporation@gmail.com

SHOWROOM 02: TECHNO PLAST SPARES

11/1 Joynag Road, Bakshibazar, Dhaka-1211
Cell : +88 01948-885555
E-mail : showroom.tps@gmail.com

NARAYANGANJ FACTORY:

Vill & P.O : Madanpur, Upazila: Bandar
Dist. : Narayanganj
Cell : +88 01948 880000
E-mail : info@habibindustries.net
Website : www.habibindustries.net

DHAKA FACTORY:

Times Square, 427, Ashrafabad Main Road,
Kamrangirchar, Dhaka-1211
Cell : +88 01977-803021
E-mail : info@habibindustries.net
Website : www.habibindustries.net

BOGURA FACTORY:

Shantahar Road, Nurani More, Bogura-5800
Cell : +88 01977-803025
E-mail : info@habibindustries.net
Website : www.habibindustries.net

SYLHET FACTORY:

Khalpar, South Surma, Sylhet-3100
Cell : +88 01948-886666
E-mail : info@habibindustries.net
Website : www.habibindustries.net