



South Asia
T R A D I N G

South Asia
PLASTIC INDUSTRIES



Rangdhanu
PLASTIC INDUSTRIES



**PRODUCT & MACHINERIES
CATALOGUE**

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EVENTS & HONORABLE CLIENTS





**DON'T AFRAID OF
FAILURE, BE AFRAID
OF STOP TRYING...**

SARWAR HOSSAIN

Chairman ,
South Asia Trading
South Asia Plastic Industries
Rangdhanu Plastic Industries

MESSAGE FROM CHAIRMAN

With the objective to contribute to the socio-economic development of the country, **we started our journey in 1983** as a plastic industry in Bangladesh. **My 38 years of experience in this industry** has taught me that it is an ever-growing and ever-changing world with endless opportunities for those who are dedicated and focused. It's a combination of love, affection, dedication, and hard work of **almost 250 people to make South Asia a great success today.**

We all want to be part of a team that leaves a legacy and is remembered for years for what we have accomplished. We are responsible, accountable & want to assure our consumers that all of our products which are produced in our factories are extremely safe, healthy & true value for money. Foreseeing the potential growth of the plastic industry I started South Asia Trading to help entrepreneurs of the plastic industry. South Asia Trading has helped a lot of growing companies and continues to provide services to growing companies. For the hard-working employees and for the loyal clients we stand tall. In South Asia, I am proud to be part of an excellent team that strives on reaching this success and greatness.

COMPANY'S MISSION AND VISION:

Purpose:

To be a leader in the plastic sectors by providing enhanced services, relationships, and favorableness.

Vision:

To provide excellent quality with express delivery that exceeds the expectations of our esteemed customers.

Mission statement:

To build long-term relationships with our clients and provide exceptional customer services by pursuing business through innovation and advanced technology



INJECTION MOLDING MACHINE

LARGER SPACE BETWEEN TIE-BARS

Greater Adaptability

MODERN CONTROL TECHNOLOGY

World famous brands controller
fast response speed, easy for operation

HIGH-PERFORMANCE INJECTION UNIT

Double cylinder injection system,
high injection efficiency maximize
control precision

TOTALLY ENCLOSED DESIGN

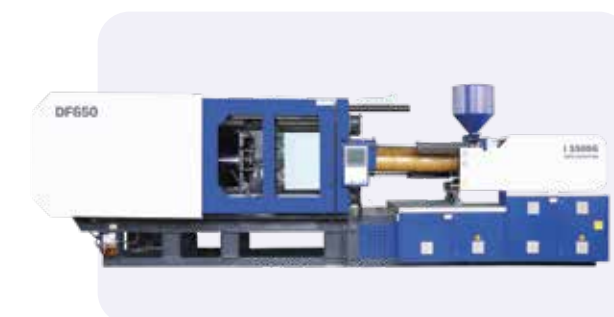
High-Safety

PRECISION CLAMPING UNIT

Adopt 5 points elbows and hydraulic
mechanical drive technology

WORLD FAMOUS BRANDS ELECTRIC PARTS

Stable Operation





VMC
CNC CUTTER

CUTTER



**LINEAR
GLIDE**

PLC



**ROUTER
MACHINE**



**LATHE
MACHINE**



**ENGRAVING
MACHINE**



AIR COMPRESSOR



AUTO GRINDER



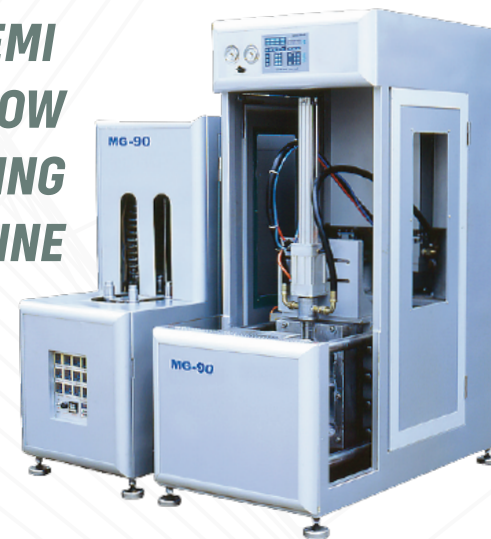
CNC VISE

BLOW MACHINE



**HDPE BLOW
MOLDING MACHINE**

**SEMI
AUTO BLOW
MOLDING
MACHINE**



Blow molding machines are mainly used for making bottles, containers, gallons. In a blow molding machine, the preform (plastic tube) is wrapped in a mold and air is blown into it. The air pressure then pushes the plastic out to match the mold. Once the plastic has cooled and hardened the mold opens and the part comes out. Water channels are carved into the mold to assist in cooling.

**AUTO BLOW
MOLDING MACHINE**



PET PREFORM MOLD



CHAIR MOLD



PVC MOLD

MOLDS

5 LTR BLOW MOLD



TWO COLOR MOLD



HOUSEHOLD MOLD



CRATE MOLD



JAR PREFORM MOLD



TOY MOLD

Injection molding is the most common modern method of manufacturing plastic parts, it is ideal for producing high volumes of the same object.

We can manufacture custom mold according to customer's given iron materials grade. Currently we are working with P20, S50c, 718 etc steel materials.

SERVO SYSTEM

Servo System can save electricity from **30%-70%** more than the traditional Induction System (Variable Pump) depending on the product's thickness. The Servo System not only reduces oil temperature and leakages but also reduces the noise of the motor up to 20 dB(A). Moreover, it has fast pressure response, quick startup in 0.05s, high response speed, shorter cycle time and also improves overall efficiency of the machine.

South Asia Trading provides a one year warranty for our installed servo system. We have trained technicians who will install the entire servo system. Furthermore, we also provide after sales services to our customers.



SERVO DRIVER



SERVO PUMP



SERVO MOTOR



ENCODER



BRAKING RESISTOR



PRESSURE SENSOR



MOTOR COUPLING



INPUT AC REACTOR



ENCODER CABLE



PUMP & MOTOR BRACKET



Mixer



Cooling Tower



Water Chiller



Air Cooled Chiller

Model		RM-25	RM-50	RM-100	RM-150	RM-200	RM-300
Power	Kw	1.1	1.5	3	4	5.5	11
Capacity	Kg/min	25/3	50/3	100/3	150/3	200/3	300/5
Weight	kg	80	100	150	180	250	250
Dimension	mm (L)	700	860	1100	1100	1250	1250
	mm (W)	610	800	1050	1050	1220	1220
	Mm (H)	920	1000	1060	1330	1400	1860

Model		SL J-10	SL J-16	SL J-20	SLJ-25	SLJ-30	SLJ-40	SL J-50
Flow Rate	(m³/h)	10	16	20	25	30	40	50
Inlet Water Pressure	kpa	20	22	25	25	27	27	27
Measurement	Height	1850	1900	2000	2200	2300	2350	2450
	Diameter	1020	1400	1400	1400	1650	1700	1900
Fan Diameter	mm	560	700	750	750	760	870	900
Motor Power	kw	0.18	0.37	0.37	0.37	0.55	0.75	1.1
Inlet Pipe Diameter	mm	40	50	50	50	50	50	80
Outlet Pipe Diameter	mm	40	50	50	50	80	80	100

Model		RCM-5W	RCM-8W	RCM-10W	RCM-15W	RCM-20W
Chilling Capacity	KW	13.5	20	25.5	38.5	50
Capacity	KCA/H	11610	17200	21930	33110	43000
Compressor type		Scroll Compressor				
Compressor Out power	HP	5	8	10	15	20
Refrigerant		R22/R407C				
Refrigerant Filling Quantity	KG	3	5	6	10	12
Pump Power	KW	0.75	0.75	1.5	2.2	2.2
Pump max flow rate	L/MIN	100	100	200	600	600
Pipe size outlet	INCH	1	1	1.5	1.5	2.5
Tank Capacity	L	60	95	95	150	180
External Size (LxWxH)	m	1.16x.74 x0.99	1.16x.74 x0.99	1.16x.74 x0.99	1.78x1.09 x1.35	1.78x1.09 x1.35

Model		RCM5A	RCM8A	RCM10A	RCM15A	RCM20A
Chilling Capacity	KW	12.5	18	23	36	46
Capacity	KCA/H	10750	15480	19780	30960	39560
Compressor		SCROLL COMPRESSOR				
Compressor Out power	HP	5	8	10	15	20
Refrigerant		R22/R407C				
Refrigerant Filling Quantity	KG	3	5	6	10	12
Pump Power	KW	0.75	0.75	1.5	2.2	2.2
Pump max flow rate	L/MIN	100	100	200	600	600
Pipe size outlet	INCH	1	1	1.5	1.5	2.5
Blower Power	Kw	0.19x2	0.25x2	0.42x2	0.25x4	0.42x4
Tank capacity	L	65	113	129	173	271
External Size (LxWxH)	m	1.25x.76 x1.32	1.35x.86 x1.56	1.35x.96 x1.62	1.7x1.2 x1.75	1.9x1.2 x1.75



High Pressure Air Compressor

Model	Displacement m3/min	Pressure Mpa	Motor kw	Rotational speed r/min	Size (L*W*H) m	Weight kg
CVM-0.75/30-YQ	0.75	3.0	9	800	2×1.1×1.75	510
CWM-1.0/30	1.0	3.0	11	600	1.8×1.1×1.35	550
CWM-1.0/30-YQ	1.0	3.0	11	600	2×1.1×1.6	600
CWM-1.2/30-YQ	1.2	3.0	11	620	2×1.1×1.6	620
CWM-1.2/30-YQ	1.2	3.0	15	630	2×1.1×1.6	640
34CSH-1830	1.6	3.0	18.5	730	1.5×1.13×2	650
83CSH-2230	2.0	3.0	22	620	2.3×1.25×1.45	750
09CSH-1840	1.6	4.0	18.5	730	1.7×1.13×2	650
83CSH-2240	2.0	4.0	22	600	2×1.25×1.45	750
CVZ-3.0/8/40	3.0	4.0(0.8)	18.5	800	1.7×1.1×1.65	580



Crusher

Model		RG-2630E	RG-2640E	RG-2650E	RG-3660E	RG-3670E	RG-3680E
Power	kw	5.5	7.5	11	15	18.5	22
Rotor Speed	Rpm	560	560	560	560	560	560
	PCS	3	6	6	6	6	6
Rotating Blades	-A PCS	18	24	30	30	36	42
	-B PCS	9	12	15	18	21	24
Fixed Blades	PCS	2	2	2	4	4	4
Screen Diameter	mm	10	10	10	12	12	12
Cutting Chamber Size	Mm	370×300	370×400	370×500	480×600	480×700	480×800
Output	Kg/h	270-350	300-550	400-650	400-700	500-800	600-900
Noise	dB(A)	80-95	80-95	80-95	80-95	80-95	80-95
Weight	Kg	495	620	720	1100	1180	1295
External Size (LxWxH)	m	1.42×0.82 x1.41	1.42×0.92 x1.41	1.42×1.02 x1.41	1.76×1.17 x1.84	1.76×1.27 x1.84	1.78×1.37 x1.84



Hopper Dryer

Model		RDM-100	RDM-150	RDM-200	RDM-300	RDM-400	RDM-500
Material Loading	Kg	100	150	200	300	400	500
Heat Power	KW	5.5	6	12	15	18	20
Blower Power	W	210	215	320	320	340	340
Applicable Injectors	Oz	10-20	10-20	20-30	20-30	30-50	30-50
Weight	Kg	55	60	150	160	230	240
External Size (LxWxH)	m	0.6×0.97×1.15	0.6×0.97×1.7	0.8×1.25×1.57	0.8×1.25×1.9	0.9×1.4×1.9	0.9×1.4×2.15



Auto Loader

Model	Type		Conveying Capacity (Kg/Hr)	Capacity Of Charge Basket (L)	Inside Diameter of Conveying (mm)	External Size (mm)		Weight	
	Type	Specifica tion				Main Body LxHxW	Hopper LxHxW	Main Body	Hopper
RAL-300I	Carbon Brush	1100W	300	6	38	550X400X350		11	
RAL-403I	Induction	1.5HP	400	10	38	800X450X.450		25	
RAL-450I	Carbon Brush	1500W	450	6	38	500X400X760	450X350X250	16	
RAL-300	Carbon Brush	1100W	300	6	38	550X450X300	500X450X300	16	5
RAL-503	Induction	3HP	550	12	38	650X450X400	500X450X300	55	6
RAL-503K	Induction	3HP	550	12	38	990X430X420	500X450X300	60	6
RAL-703	Induction	4HP	750	20	51	1400X500X500	800X450X300	75	8
RAL-323	Induction	2HP	300	6+6	38	750X450X400	750X450X400	45	5

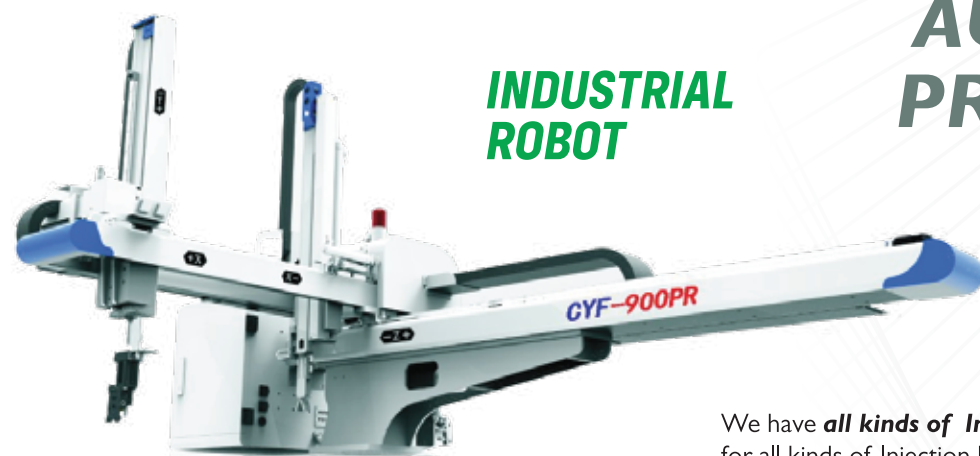


Mold Temperature Controller

Model	Maximum Temperature	Cooling Method	Motor Power (kw)	Pump Power (kw)	Maximum Runoff (L/min)	Max Pressure (Bar)	Connecting (Inch)	External Size LxWxH(M)	Weight (kg)
RTC-950W	120	Direct	9	0.75	60	4.5	3/8*(2x2)	.90x.31x.70	65
RTC-1290W	Water	Cooling	12	1.5	90	4.5	3/8*(4x2)	1.0x.35x.80	89
RTC-950W-D			9x2	0.75x2	60x2	4.5	3/8*(2x2x2)	1.0x.37x.80	110
RTC-950	200	Indirect	9	0.75	60	4.5	3/8*(2x2)	.90x.31x.70	74
RTC-1290	Oil	Cooling	12	1.5	90	4.5	3/8*(4x2)	1.0x.35x.80	90
RTC-950-D			9x2	0.75x2	60x2	4.5	3/8*(2x2x2)	1.0x.37x.80	120
The Reference For Mould Automatic Temperature Control For Machine Selection									
Mould clamping force			T	50	50-100	100-200	200-300	300-650	650
Molding capacity			Kg/hr	6	6-12	12-25	25-40	40-80	80
The flow of pump			L/min	30	30	30	40	60	100

AUXILIARY PRODUCTS

INDUSTRIAL ROBOT



We have **all kinds of Industrial Robots** ready for all kinds of Injection Molding Machine. We set up the machine and also provide training.

Pad Printing Machine is the **latest technology to print in Toys, Mobile Accessories, Household Items, PVC and many more.** We have 2 color, 4 color, 6 color available.

PAD PRINTING MACHINE



ELECTRIC CHAIN HOIST

Electric chain hoists are used for lifting or lowering material. An electric motor and controller are utilized to lift, lower and accelerate or decelerate the speed of the hoist. **We have 1 Ton, 2 Ton, 3 Ton, 5 Ton Electric Chain Hoist available.**



PLC

PLC is an industrial computer used for industrial automation. We have both **Techmation and Porcheon** PLC available.



SPARE PARTS



PLC (BLOW MACHINE)



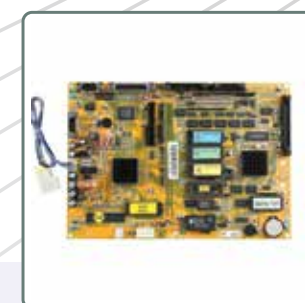
AIR DRYER



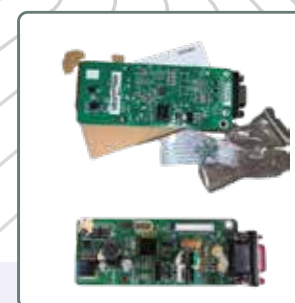
AIR FILTER



TECHMATION IO BOARD



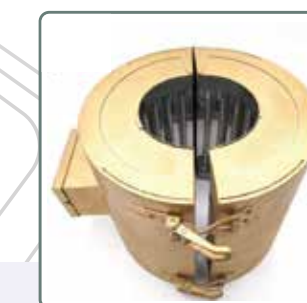
MMI BOARD



PG CARD



LINEAR SCALE



INFRARED HEATER



CERAMIC HEATER



HOPPER MAGNET



LUBRICATION TANK



COOLING TOWER FAN



DIRECTIONAL AND FLOW CONTROL VALVE



PROPORTIONAL PRESSURE VALVE



FLOW CONTROL AND CHECK VALVE



DIRECTIONAL CONTROL VALVE



COMMODE COVER



FRIDGE DRAWER

FRIDGE STAND



DAILY
COMMODITIES

South Asia Plastic Industries is a fully automated plastic manufacturing Industry situated in BSCIC Keraniganj. We have different types of machines for different types of products. For Instance, we have 1300 ton, 1000 ton, 800 ton, 650 ton, 520ton, 450 ton, 220 ton, 175 ton machines. More than 100 people are working in South Asia Plastic Industries to make sure the highest quality is provided to the clients.

South Asia Plastic is playing a vital role in the economic boost of Bangladesh.



KIDS'
TOYS



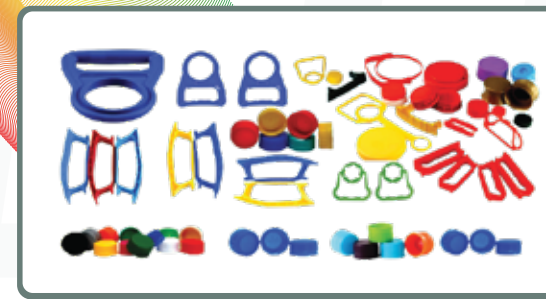
FOOD & BEVERAGE BOTTLE



PHARMA BOTTLE



EDIBLE OIL BOTTLE



PET BOTTLE
FITTINGS

Closing Cap
CSD Cap
2L Jar Handle
5L Jar Handle

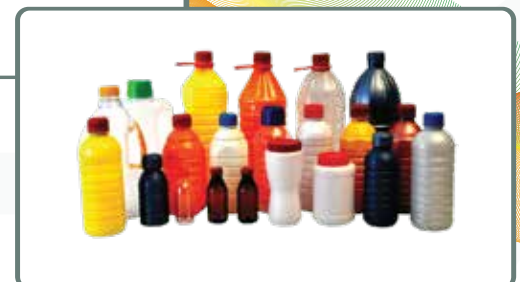


PREFORM

Rangdhanu Plastic Industries is one of the leading PET industry situated in Kamrangirchar. This industry has more than **10 Injection Molding Machines, 15 Blow Molding Machines**. We import raw materials & masterbatch of the highest quality. **More than 150 workers** and employees working together. In Rangdhanu, **we only use food grade plastic raw materials**. Currently we are giving services to all over Bangladesh. Soon we are planning to export our products and services to overseas.



COSMETICS
BOTTLE



PESTICIDE BOTTLE

SN	Preform Size	Neck Size	Neck Height
1.	8.0 gm	20 mm (PCO)	20 mm
2.	9.6 gm	28 mm (PCO)	21.5 mm
3.	10.5 gm	20 mm (PCO)	20 mm
4.	12.0 gm	28 mm (PCO)	21.5 mm
5.	13.5 gm	20 mm (PCO)	20 mm
6.	14 gm	28 mm (PCO)	21.5 mm
7.	15 gm	28 mm (PCO)	21.5 mm
8.	15.5 gm	20 mm (PCO)	20 mm
9.	16 gm	28 mm (PCO)	21.5 mm
10.	17 gm	28 mm (PCO)	21.5 mm
11.	18 gm	28 mm (PCO)	21.5 mm
12.	19 gm	28 mm (PCO)	21.5 mm
13.	20 gm	28 mm (PCO)	21.5 mm
14.	22 gm	28 mm (PCO)	21.5 mm
15.	22 gm	31 mm (Push Lock)	10 mm
16.	24 gm	28 mm (PCO)	21.5 mm
17.	25 gm	25 mm (PCO)	14 mm
18.	28 gm	28 mm (PCO)	21.5 mm
19.	30 gm	28 mm (PCO)	21.5 mm
20.	32 gm	28 mm (PCO)	21.5 mm
21.	34 gm	31 mm (Push Lock)	10 mm
22.	36 gm	28 mm (PCO)	21.5 mm
23.	40 gm	28 mm (PCO)	21.5 mm
24.	40 gm	45 mm (PCO)	24 mm
25.	42 gm	28 mm (PCO)	21.5 mm
26.	47 gm	28 mm (PCO)	21.5 mm
27.	48 gm	28 mm (PCO)	21.5 mm
28.	52 gm	32 mm (PCO)	18 mm
29.	54 gm	32 mm (PCO)	18 mm
30.	60 gm	31 mm (Push Lock)	10 mm
31.	70 gm	45 mm (Screw)	23 mm
32.	75 gm	45 mm (Push Lock)	24.5 mm
33.	80 gm	45 mm (Screw)	17 mm
34.	85 gm	45 mm (Push Lock)	24.5 mm
35.	95 gm	(Push Lock)	24.5 mm
36.	100 gm	(Push Lock)	24.5 mm
37.	110 gm	(Push Lock)	24.5 mm
38.	116 gm	(Push Lock)	24.5 mm
39.	126 gm	(Push Lock)	24.5 mm
40.	142 gm	(Push Lock)	24.5 mm

PREFORM

24 YEARS ANNIVERSARY



HONORABLE CLIENTS



WEBSITE




E-CATALOG




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