



**UNIQUE
FLUID
CONTROLS**



UNIQUE FLUID CONTROLS

COIMBATORE



628/2, Parasakthi Nagar, Kasthurinaickenpalayam,
Somayampalayam Po, Coimbatore - 641108



+9188257 66887, 6385766887



www.uniquefluidcontrols.com



uniquefluidcontrols@gmail.com, ufcmach@gmail.com

Our Factory



Baby Model



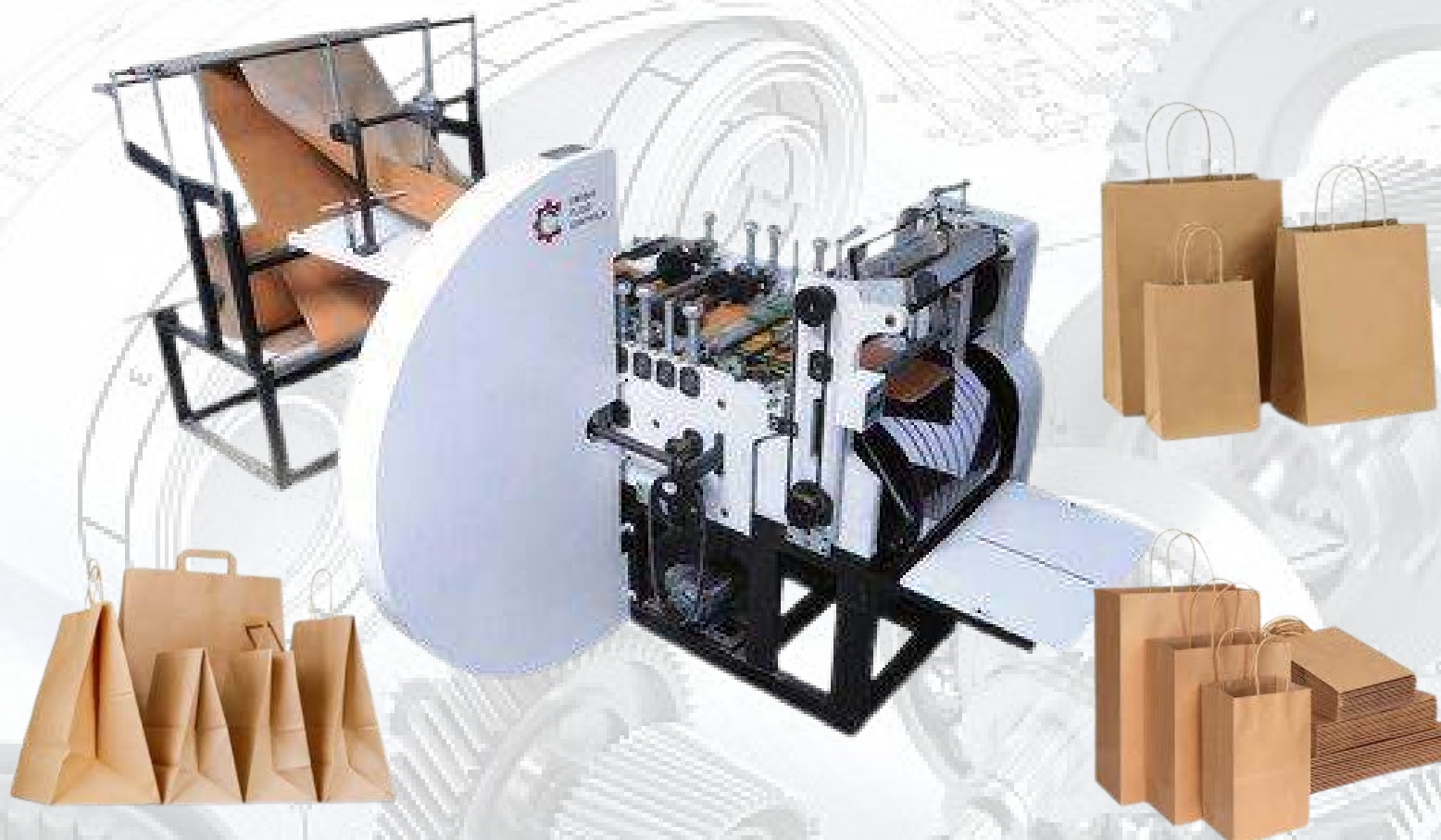
MODEL	BABY
1. Minimum Size of Bag (W x L)	6x9 cm (2x3.5 Inches)
2. Maximum Size of Bag (W x L)	14x22cm (5.5x8.7 Inches)
3. GSM of Paper (GSM Range)	44 GSM - 80 GSM
4. Burst Factor (BF Range)	16 - 26 BF
5. Plates and Gears	6 Sets
6. Counting System	Digital Counting System with Batch Counter
7. Gum Tank Capacity (Bottom Pasting)	2 Kg
8. Gum Tank Capacity (Bottom Pasting)	1 Litre
9. Gum Type	Water Based Ordinary Binding Gum
10. Inking System Water Based Ink	Water Based Ink
11. Paper Roll Width	35 cm
12. Production Capacity/hr.	12000 - 20000 Covers/hr.
13. Paper Flexo Printing Attachment	1 Colour / 2 Colour
14. Drive Motor	2 HP
15. Floor Area Required	6 x 15 Feet
16. Machine Weight (Approx)	600 Kgs

Standard Model



MODEL	Standard
Minimum Size of Bag (W x L)	6x9 cm (2x3.5 Inches)
Maximum Size of Bag (W x L)	20x30 cm (7.8x12Inches)
GSM of Paper (GSM Range)	44 GSM - 100 GSM
Burst Factor (BF Range)	16 - 28 BF
Gusset Depth	4 - 8 cm
Plates and Gears	6 Sets
Counting System	Digital Counting System with Batch Counter
Gum Tank Capacity (Bottom Pasting)	3 Kg
Gum Tank Capacity (Bottom Pasting)	2 Liter
Gum Type	Water Based Ordinary Binding Gum
Inking System	Water Based Ink
Paper Roll Width	50 cm
Production Capacity/Hr	12000 - 18000 Covers Per Hr
Paper Flexo Printing Attachment	1 Colour / 2 Colour
Drive Motor	2 HP
Floor Area Required	7 x 17 Feet
Machine Weight (Approx)	900 Kgs

Large Model



Model	Large
1. Minimum Size of Bag (W x L)	10x16 cm (4x6 Inches)
2. Maximum Size of Bag (W x L)	42x60 cm (16.5x24Inches)
3. GSM of Paper (GSM Range)	44 GSM - 140 GSM
4. Burst Factor (BF Range)	16 - 38 BF
5. Gusset Depth	4 - 16 cm
6. Plates and Gears	6 Sets
7. Counting System	Digital Counting System with Batch Counter
8. Gum Tank Capacity (Bottom Pasting)	5Kg
9. Gum Tank Capacity (Bottom Pasting)	2 Litre
10. Gum Type	Water Based Ordinary Binding Gum
11. Inking System	Water Based Ink
12. Paper Roll Width	1000 mm
13. Production Capacity/Hr	5000 - 12000 Covers/Hr
14. Paper Flexo Printing Attachment	1 Colour / 2 Colour/ 4 colour
15. Drive Motor	2 HP/3HP/5 HP
16. Floor Area Required	10x 22 Feet
17. Machine Weight (Approx)	1700 Kgs

Roller Creasing



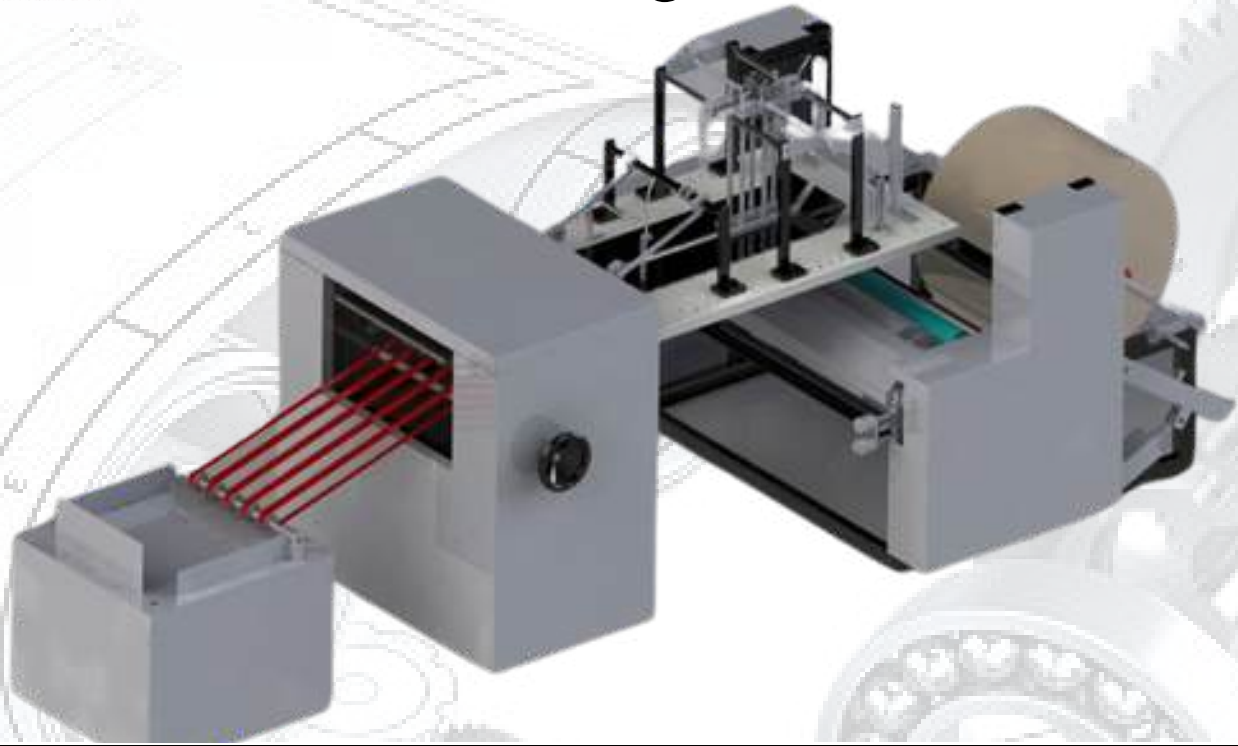
MODEL	Roller Creasing Machine
1. No. of Rollers	6 Marking Rollers
2. Number of Rubber Rollers	Nil
3. Size	38 Inches
4. Paper Sheet GSM Range	80 - 350 GSM
5. Min Gap	24 mm
6. Machine Dimension	54 x 36 x 45 Inches
7. Speed	Variable speed
8. Production Capacity/hr.	1500 Sheets/hr.
9. Power Required	0.5 HP
10. Weight	100 Kg (Approx)

Auto Creasing



MODEL	Auto Creasing Machine
1. No. of Rollers	6 Marking 2 Cutting Rollers
2. Number of Rubber Rollers	2
3. Size	38 Inches
4. Paper Sheet GSM Range	80 -350 GSM
5. Min Gap	16 mm
6. Machine Dimension	54 x 36 x 45 Inches
7. Speed	Variable speed
8. Production Capacity/hr.	3000 Sheets/hr.
9. Power Required	0.5 HP
10. Weight	250 Kg (Approx)

Tube Forming Machine



Model	Tube Forming Machine
1. Cover Width	30 to 60 cm (Adjustable plate)
2. Cover Length	20 to 75cm (Gear)
3. Paper GSM Range	60 to 140 Gsm
4. Burst Factor Range	16 to any BF
5. Creasing Formation	Min 3cm
6. Gusset Size	6 to 30 cm
7. Paper Roll Size	Up to 1250 mm
8. Production Capacity	4800 to 7200 Tubes/hr.
9. Power	2HP/3HP/5HP 440V
10. Counting System	Digital Batch Counting with Conveyor
11. Curb Weight	1250Kg/1550Kg/2000Kg approx.
12. Side Gum Tank	5Kg
13. Gum Type	Water Based Glue
14. Printing	As per Requirement
15. Cutter	Scissor Type (Straight Cutting)
16. Maxi. Gusset Cover Size	30 x 30 x 30 cm
17. Dimension	7ft x 17ft x 7ft

Square Bottom Paper Bag Making Machine



TYPE	UPB SB-200	UPB SB-360	UPB SB-450
Bag Width (W)	80 - 200mm	135 - 360 mm	230 - 450mm
Bottom Slze (H)	50 - 105mm	80 - 200 mm	80 - 200mm
Bag Tube Length (C)	190 - 370mm	270 - 530 mm	270 - 530 mm
Max. Speed	260 pcs/min	200 pcs/min	180 pcs/min
Paper Thickness	45 - 130 GSM	48 - 150 GSM	60 - 160 GSM
Paper Roll width	280 - 630 mm	455 - 1150 mm	645 - 1250 mm
Max Roll Diameter	1200mm	1100 mm	1200 mm
Reel Inner Diameter	76mm	76 mm	76 mm
Total Power	7.5 KVA	11KVA	11KVA
Roll Shaft	Air Shaft	Air Shaft	Air Shaft
Roll Lifting System	Hydraulic	Hydraulic	Hydraulic
Weight Of Machine	6000 Kgs	8500 Kgs	9000 Kgs
Machine Dimension (LxWxH)	6600x1400x1500mm	9400x1900x1925mm	9400x2200x1925 mm
Tension Control System	Closed Loop Pneumatic Brake With Load Cell Feedback		

Flexographic Printing Machine



Model	1 colour	2 Colour	4 colour
Max. Bag Size to be Print	50 X 22 Inch	50 X 22 Inch	50 X 22 Inch
Stereo Thickness	4.5 - 5mm	4.5 - 5mm	4.5 - 5mm
Ink	Water Based Ink	Water Based Ink	Water Based Ink
Tank Capacity	5 Ltr	5 Ltr	5 Ltr
Control System	VFD	VFD	VFD
Feeding	Manual	Manual	Manual
Production Capacity/Hr	1300 Bags/Hr	1300 Bags/Hr	1300 Bags/Hr
Power	1 HP	2 HP	3 HP
Weight	200 Kg (Approx)	600 Kg (Approx)	1000 Kg (Approx)
Dimension	3 x 5 feet	3 x 7 feet	3 x 10 feet

Supporting Machines For Paper Bag



**D- Cut Punching
Machine**



**Eye-Let Punching
Machine**



Handle Pasting Machine

Tissue / Paper Napkin



MODEL

1. Parent Roll Width
2. Parent Roll Diameter
3. GSM of Paper (GSM Range)
4. Printing Unit
5. Embossing Unit
6. Folding
7. Production Capacity/hr.
8. Counting System
9. Speed
10. Power
11. Power Consumption
12. Floor Area Required
13. Machine Weight (Approx)

TISSUE

20cm/22cm/24cm/27cm/30cm/33cm/44cm
 1200mm
 15 - 22 GSM
 Single/ Double/Four Colour
 Single/ Double Embossing
 1/4 fold
 30000 Tissues/hr.
 Digital Counting System with Batch Counter
 Variable Speed
 220 V / 440 V
 3 KW
 6 x 17 Feet
 1700 Kgs

Toilet Roll Making Machine



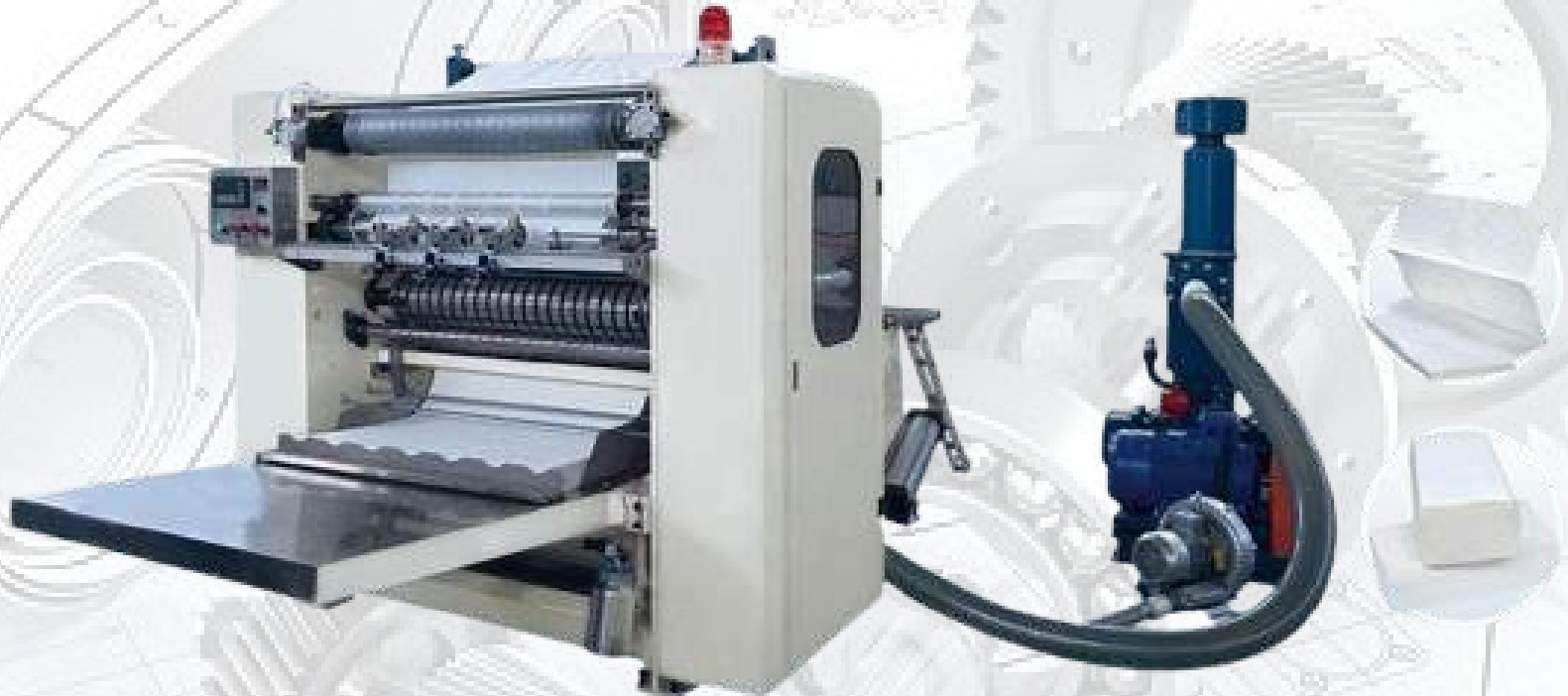
MODEL	Toilet Roll Making Machine
Embossing Unit	1
Toilet Roll	8 Roll (in One Time)
Kitchen Roll	4 Roll
Transmission	Timing Belt
Control System	Controlled By Panel
Total Electricity Load	2.25 KW
Electricity Consumption	2 Unit Per Hour
Blade	Rudra Blades
Capacity	3000 Rolls Per 8 Hour
Weight	1100 Kg
Motor With Controller	3 HP Motor Single Phase 220 V
Embossing Design	As Requirement
Counter Meter	Auto Start

V Fold Facial Tissue Paper Making Machine



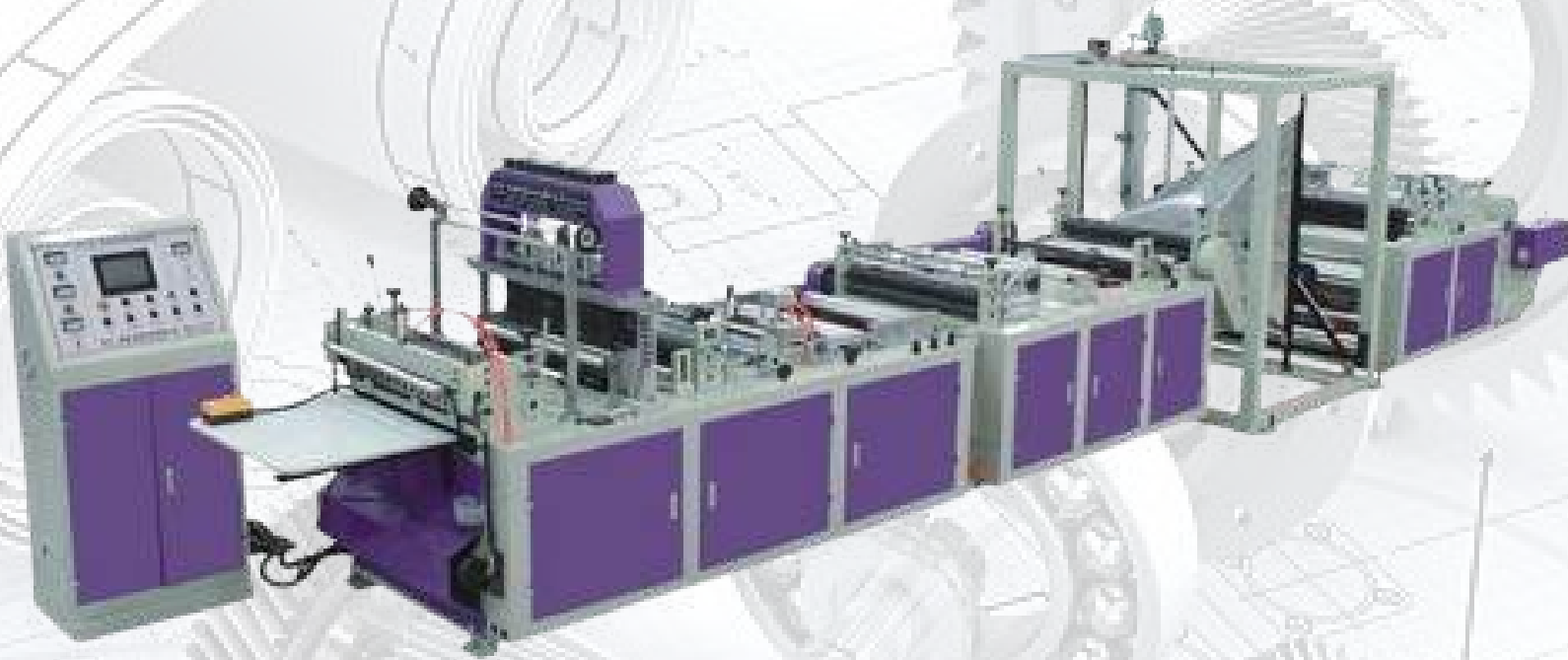
Model			V Fold Facial Tissue Paper Making Machine		
Speed (Sheets/Min)	2 Lines	3 Lines	4 Lines	5 Lines	6 Lines
	1800	2700	3600	4500	5400
Product Capacity	900 Sheets/Line/Minute				
Jumbo Roll Size	460-1380mm (W) 1200mm (D)				
Unfolding Size	210mm (L) x 210mm (W)				
Folded Size	105mm (L) x 210mm (W)				
Controlling System	Frequency Drive				
Counter	Ink Marked				
Embossing Unit	Steel to Steel Embossing Rollers				
Power	7.5 – 35 KW (380V 50HZ 3 Phase)				
Overall Size	Depends on Model				
Weight	2-6 Tons				
Jumbo Roll Material Quality	1 Ply : 33-44 GSM, 2 Ply : 14-20GSM				

N Fold Facial Tissue Paper Making Machine



MODEL	N Fold Tissue Paper Making Machine
Unfolding Size (L x W)	230 x 230 $\pm$ 2 mm
Folded Size (L X W)	76.6 x 230 $\pm$ 2 mm
Width of Jumbo Roll	460 - 1380 mm
Production Speed	100 m/min
Production Capacity	10 – 50 meters/min
Counter	Ink marked
Embossing Unit	Steel to steel
Total Power	11 – 45 KW 380V 50Hz 3 phase
Machine Dimension	Depends on machine model
Weight	Depends on the size and configure

Automatic Non-Woven Bag Making Machine



Type	HNL-B600	HNL-B700	HNL-B800
Production speed	20-80pcs/min	20-80pcs/min	20-80pcs/min
Unwinding fabric width(mm)	1150	1350	1550
Bag width	100-800mm	100-800mm	100-800mm
Bag length	200-500mm	200-600mm	200-700mm
Non-woven fabric specification(G.S.M)	30-100	30-100	30-100
Bag Making precision	$\leq \pm 0.5\text{mm}$	$\leq \pm 0.5\text{mm}$	$\leq \pm 0.5\text{mm}$
Power supply	380V/220V	380V/220V	380V/220V
Total power	10KW	12KW	14KW
Overall size	7900×1600×1800mm	7900×1700×1800mm	7900×1800×1800m

Roll To Roll Flexographic Printing Machine



MODEL	Roll to Roll Printing Machine
Parent Roll Width	1400 mm
Printing Length	100 - 1000 mm
Printing Width	1400 mm
Print Material	Non-woven Fabric, Roll Paper, Plastic Film
Production Capacity	10 – 50 meters/min
Power Source	220V-A380V 50HZ
Power Required	5 KW
Weight	3000Kg (approx.)
Machine Dimension	4600 x 3000 x 2500 mm

Automatic Plastic Bag Packing Machine



Model	XY-BT-298	XY-BT-298
Speed	50-100 Bags/min	45-60 Bags/min
Minimum Packing Size(mm)	95x90x40	125x125x60
Maximum Packing Size(mm)	210x115x120	300x250x170
Amount of Servo Control Shafts	3	8
Power	11KW 380V 50HZ	13KW 380V 50HZ
Dimension(mm)	4650x3650x1800	4400x3780x2000
Weight	3 Ton	3.5Ton

Silver Pouch Making Machine



MODEL	UFC Silver Pouch Making Machine
Parent Roll Width	800mm
GSM of Paper (GSM Range)	35 - 80 GSM
Minimum Size of Bag (W x L)	5 x 5 cm
Maximum Size of Bag (W x L)	37.5 x 36 cm
Raw Material Can Be Used	Silver Foil, PET, MET, BOPP & Laminated Films
Sealing	Heater
Production Capacity/Hr	3600 - 5000/Hr
Operating Mode	Auto / Manual
Power	6HP / 440 V
Floor Area Required	19 x 6 x 6 Feet
Machine Weight (Approx)	1500 Kgs

A4 Sheet Cutting Machine



Model	A4 Mini
Parent Roll Width	210 mm
Max. Unwinding Roll Dia	1000 mm
Slitting Cutter	N/A
Cutting Speed	80 Cut/Min
Power	1 HP
Cutting Length Accuracy	0.5 mm
Conveyor And Vibrator	N/A
Counting System	Digital Counter with auto Start & Stop

Automatic A4 Sheet Cutting Machine



Model	Automatic A4 Sheet Cutting Machine (Double Ream)
1. Parent Roll Width	430 mm
2. Maximum Unwinding Roll Dia	1000 mm
3. Slitting Cutter	3 (Edge trimmer 2, Center slitter 1)
4. Cutting Speed	300 Cut /Min
5. Power	4 HP
6. Cutting Length Accuracy	0.2 mm
7. Counting System	Digital counting system with auto separation
8. Compressor	1 HP
9. Machine Dimension (LxWxH)	14 ft x 5 ft x 5 ft

Paper Plate Making Machine



Model	Paper Plate Making Machine
1. Power Consumption	220V 50Hz
2. Paper Plate Size	6-12 Inch
3. Suitable Paper Weigh	60 Gsm-1000 Gsm
4. Total Power	2-2.5 Kw
5. Power Source	220V 50Hz
6. Capacity	4.5 tons
7. Cylinders	2 Nos
8. mounting	Flange Mounting
9. Pump	Dowty Pump
10. Pressure Gauge Power	1.5 hp Single Base
11. Oil Tank Capacity	35 Liters
12. Max. Operating Pressure	160 bar
13. operation	Electrical Push Button
14. Mould Size	4" to 18"
15. Frame Size	1000x500 x 1500
16. Heaters	220 watts 2 Nos
17. Machine Weight	500 Kg

Areca Plate Making Machine



Model	Areca
Machine Operating System	Electrical Power Pack
Power Required	3 Hp/ Single Or 3 Phases
Per Hour Production	25 to 30 Plates(Per Head) – Various Sizes
Machine Structure	M.S. Fabrication
Pressing Die Material	Aluminum
Heaters	Coil Heaters
Cutting Force	4 – 5 Tons
Cylinder capacity	80mm OD
Power Pack Weight	30 – 40 Kg (approximately)

Unique High Speed Paper Cup Machine



MODEL	UPC – 130 Paper Cup Making Machine
Cup Size	60 ml to 250 ml
GSM of Blank(GSM Range)	140 - 250 GSM
Suitable Material	Single/Double PE Coated
Production Capacity	100 – 130 Cups/min
Power Source	220V-A380V 50HZ
Power Required	4 KW
Weight	1700Kg (approx.)
Machine Dimension	2115 x 1700 x 1000 mm

UPC T120 Model

High Speed Paper Cup Machine



MODEL	UPC – T120 Paper Cup Making Machine
Cup Size	60 ml to 270 ml
GSM of Blank(GSM Range)	140 - 200 GSM
Suitable Material	Single/Double PE Coated
Production Capacity	95 – 120 Cups/min
Power Source	220V-A380V 50HZ
Power Required	5 HP
Weight	1950Kg (approx.)
Machine Dimension	2100 x 1100 x 1500 mm

Unique UPC100 Paper Cup Machine



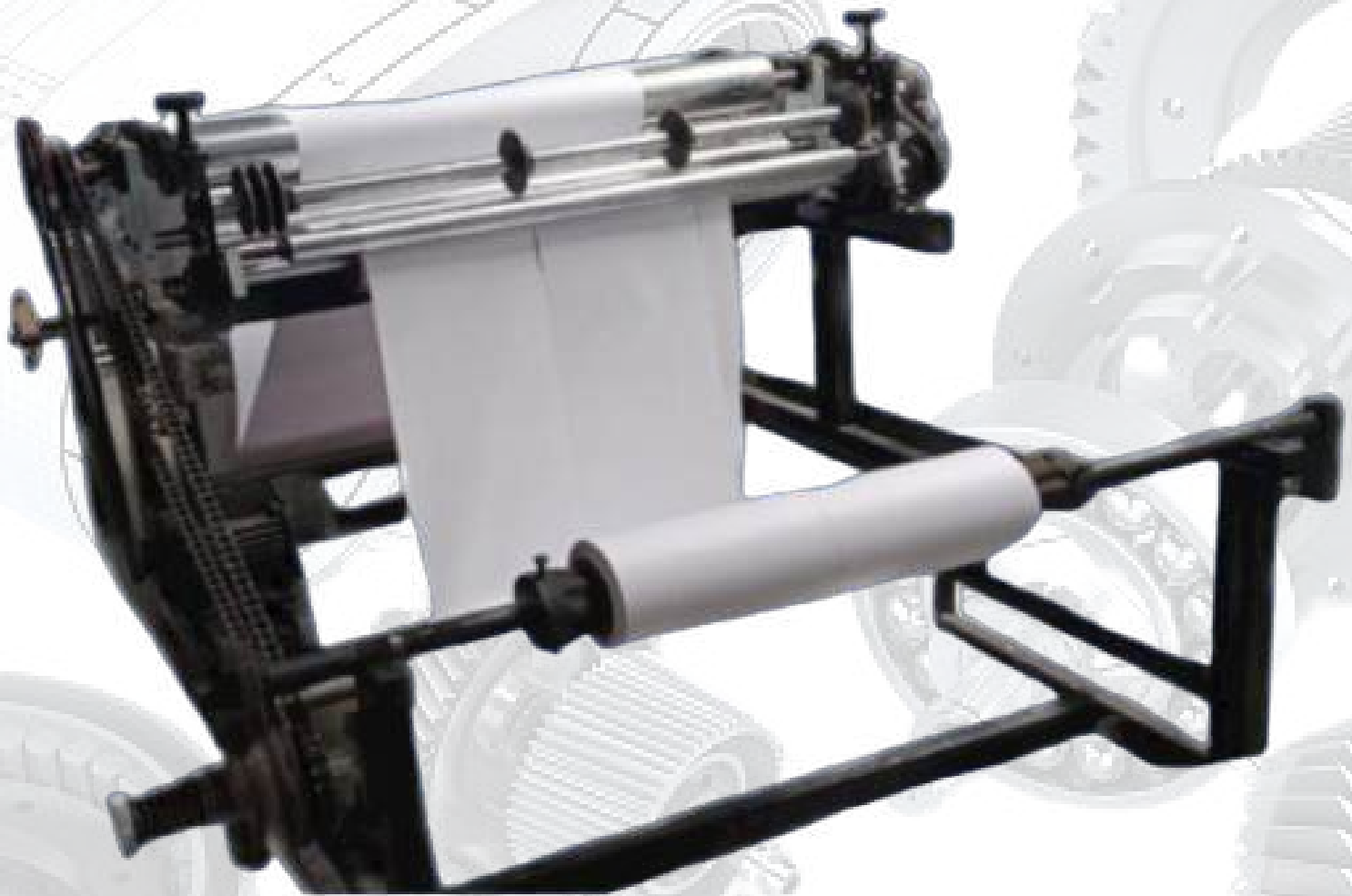
MODEL	UPC – 100 Paper Cup Making Machine
Cup Size	60 ml to 250 ml
GSM of Blank(GSM Range)	140 - 200 GSM
Suitable Material	Single/Double PE Coated
Production Capacity	80-100 Cups/min
Power Source	220V-A380V 50HZ
Power Required	4 KW
Weight	1800Kg
Machine Dimension	2115 x 1700 x 1000 mm

Unique Roll to Sheet Cutting Machine



Model	Roll to Sheet Cutting Machine
1. Parent Roll Dia	1000 mm
2. Machine Available Range	24", 25" and 55"
3. Cutter Type	Scissor Type Cutter
4. Cutting Speed	80 /Min
5. Power	3 HP
6. Cutting Length Accuracy	0.2 mm
7. Counting System	Digital counting system with Batch Counter
8. Machine Dimension (LxWxH)	12 ft x 7 ft x 4ft

Unique Reel to Reel Slitting Machine



MODEL	Reel to Reel Slitting Machine
1. Parent Roll Width	100 cm
2. Parent Roll Diameter	100 cm
3. Number of Slitting	5
4. Max. Rewinding Diameter	100 cm
5. Motor	3 HP Induction Motor
6. Power Required	3 HP
7. Weight	1000 Kg
8. Dimension (L x H x W)	2300 x 1330 x 1300 mm



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Unique Dining Roll Making Machine



MODEL	DINING ROLL MAKING MACHINE
1. Parent Roll Width	60cm
2. Parent Roll Diameter	100cm
3. GSM Range	40 – 80 GSM
4. Ink	Water Base INK
5. Number of Ink Tank	3
6. Ink Tank Capacity	2 Liter
7. Production Capacity	180m/min

Unique Aluminum Foil Rewinding Machine



MODEL	Aluminum Foil Rewinding Machine
Parent Roll Width	380 mm
Parent Roll Diameter	600 mm
Raw Material Used	Aluminum Foil/Butter Paper
Production Capacity	1200 Rolls / Shift (9 meter Rolls)
Machine Dimension	4ft (L) x 4ft (W)
Power Required	1Hp
Weight	350kg

Auto Feed Eye-Let Punching Machine



MODEL	Auto Eye-Let Punching Machine
Dimension	42"X42"X54" (LXWXH)
Eyelet Size	6 mm
Eyelet Feeding	Auto Feeding
Production Capacity	500 Bags/Hr.
Model Of Operation	Electrical operated with Pedal Push
Power Required	0.5 HP
Weight	250 kg

Unique Thermal Roll Slitting Machine



MODEL	Thermal Roll Slitting Machine
Parent Roll Width	50 mm
Parent Roll Diameter	1000 mm
Input Roll Core Dia	75 mm
Output Roll Dia	200 mm (max)
Output Core Dia	10/12/25 mm
Rewind Shaft	2 Nos. of any one size
Slitting Width	36 mm to 210 mm
No of Slitters	7 (Optional upto 11)
Speed	100 mt/min
Power	220 V 50Hz 1Hp



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