



# UNIQUE FLUID CONTROLS

# UNIQUE INDIA PAPER TEKNIX

Coimbatore | Trichy



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# Our Factory



# Certificate of Registration

This is to Certify that  
Quality Management System of

## UNIQUE FLUID CONTROLS

74, ADHI THIRAVIDAR STREET, SARAVANAMPATTY, COIMBATORE,  
TAMIL NADU-641035, INDIA

has been assessed and found to conform to the requirements of  
**ISO 9001:2015**  
for the following scope :

**DESIGN, MANUFACTURE, SALES AND SERVICE OF MACHINERIES FOR  
PAPER CONVERTING MACHINES**

Certificate No	: 20IQFU12	Issuance Date	: 18/08/2020
Initial Registration Date	: 18/08/2020		
Date of Expiry	: 17/08/2023		
1st Surve. Due	: 18/07/2021	2nd Surve. Due	: 18/07/2022



**Director**



ACCREDITED  
Management Systems  
Certification Body  
MSCB-119



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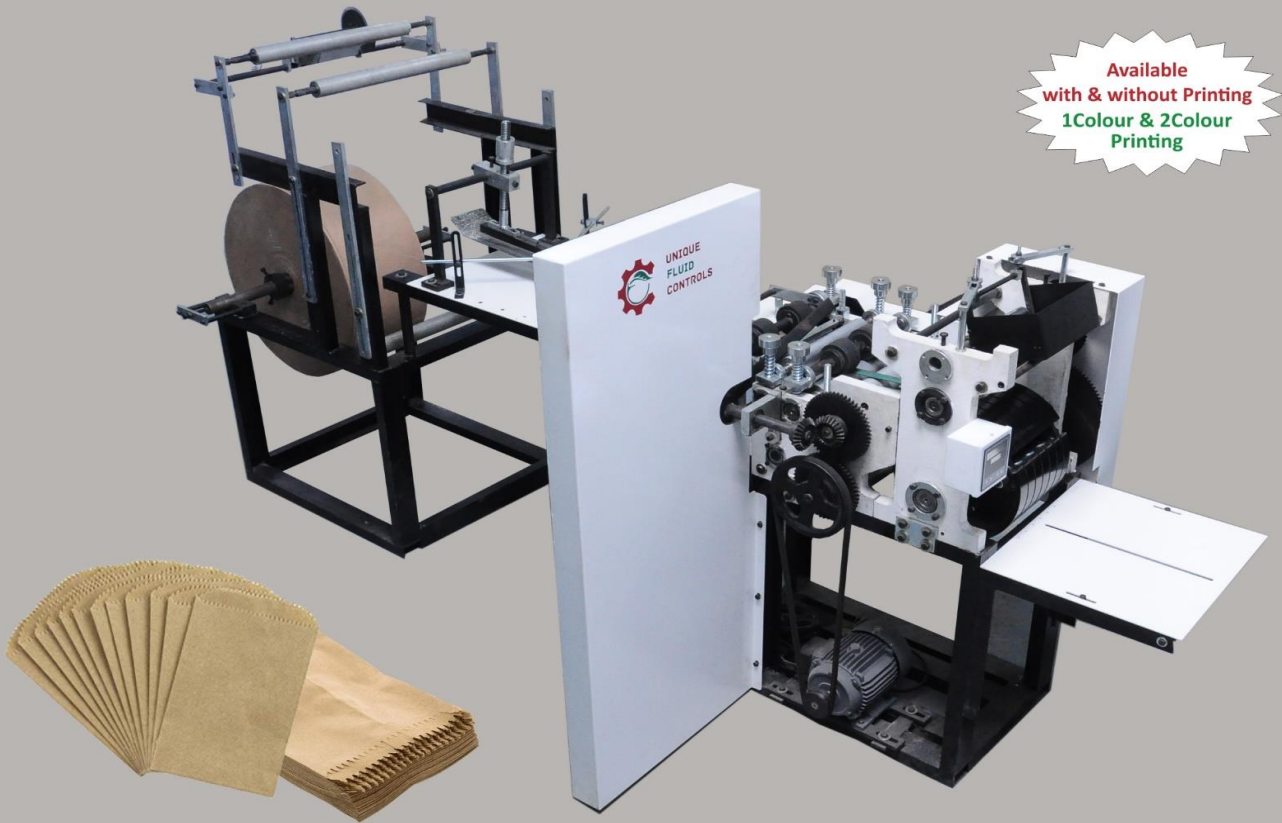
Validity of the Certificate is subject to successful completion of surveillance audits on or before the date. In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.

Certificate Verification: Please to check the validity of certificate at <http://www.aqcworld.com/clients/clients.asp> or [www.aqcworld.com](http://www.aqcworld.com) or Action Client.

# BABY PAPER BAG MAKING MACHINE

APPLICATIONS

MEDICAL COVERS



**Technical Specifications of Paper Bag making Machine**

MODEL	BABY
Minimum Size of Bag (W x L)	6 X 9 cm (2 X 3.5 Inches)
Maximum Size of Bag (W x L)	14 X 22 cm ( 5.5 X 8.7 Inches)
GSM of Paper (Range)	40 - 80 GSM
Burst Factor (BF Range)	16 - 26 BF
Gusset Depth	NA
Plates & Gears	6 Sets
Counting System	Digital Counter with Batch Counting
Gum Tank Capacity (Bottom Pasting)	2 Kg
Gum Tank Capacity (Centre Pasting)	1 Litre
Gum Type	Water Based Ordinary Binding Gum
Inking System	Water Based Ink
Paper Roll Width	35 cm
Maximum Production Capacity / Hour - Average	18000
Paper Flexo Printing Attachment	1 colour / 2 colour
Drive Motor	2 HP
Floor Area	6 X 15 Feet
Machine Weight (Approx)	600 Kgs

# STANDARD PAPER BAG MAKING MACHINE

APPLICATIONS

MEDICAL /GROCERY / BAKERY COVERS



**Technical Specifications of Paper Bag making Machine**

MODEL	STANDARD
Minimum Size of Bag (W x L)	6 X 9 cm (2 X 3.5 Inches)
Maximum Size of Bag (W x L)	20 X 30 cm (7.8 X 12 Inches)
GSM of Paper (Range)	40 - 80 GSM
Burst Factor (BF Range)	16 - 28BF
Gusset Depth	4 - 8 cm
Plates & Gears	6 Sets
Counting System	Digital Counter with Batch Counting
Gum Tank Capacity (Bottom Pasting)	3 Kg
Gum Tank Capacity (Centre Pasting)	2 Litre
Gum Type	Water Based Ordinary Binding Gum
Inking System	Water Based Ink
Paper Roll Width	50 cm
Maximum Production Capacity / Hour - Average	12000
Paper Flexo Printing Attachment	1 colour / 2 colour
Drive Motor	2 HP
Floor Area	7 X 17 Feet
Machine Weight (Approx)	900 Kgs

# LARGE PAPER BAG MAKING MACHINE

APPLICATIONS

MEDICAL /GROCERY /BAKERY /TEXTILE /SHOPPING BAGS



Available  
with & without Printing  
2Colour & 4Colour  
Printing

## Technical Specifications of Paper Bag making Machine

MODEL	LARGE
Minimum Size of Bag (W x L)	10 X 15 cm (4 X 6 Inches)
Maximum Size of Bag ( W x L)	42 X 60 cm ( 16.5 X 24 Inches)
GSM of Paper (Range)	40 - 140 GSM
Burst Factor (BF Range)	16 - 35 BF
Gusset Depth	4 - 16 cm
Plates & Gears	6 Sets
Counting System	Digital Counter with Batch Counting
Gum Tank Capacity (Bottom Pasting)	5 Kg
Gum Tank Capacity (Centre Pasting)	2 Litre
Gum Type	Water Based Ordinary Binding Gum
Inking System	Water Based Ink
Paper Roll Width Maximum	1000 mm
Production Capacity / Hour - Average	9000
Paper Flexo Printing Attachment	1 colour / 2 colour / 4 colour
Drive Motor	2 HP/ 3HP/ 5HP
Floor Area	10 X 22 Feet
Machine Weight (Approx)	1700 Kgs

## FLEXOGRAPHIC (BACK TO BACK) PRINTING MACHINE



Technical Specification			
Description	1 Color	2 Color	4 Color
Machine Dimension (L x W )	3 ft x 5 ft	3 ft x 7 ft	3 ft x 10 ft
Max. Bag Size to Be Print (L x W)	63 cm x 46 cm	63 cm x 46 cm	63 cm x 46 cm
Motor	1 HP	1 HP	2 HP
Production Capacity	1300 Bags/Hr	1300 Bags/Hr	1300 Bags/Hr
Feeding	Manual	Manual	Manual
Ink	Water Based	Water Based	Water Based
Tank Capacity	5 Litre	5 Litre	5 Litre
Control System	VFD Control	VFD Control	VFD Control
Power Required	1 HP 220 V	1 HP 220 V	2 HP 220 V
Stereo Thickness	4.5 mm	4.5 mm	4.5 mm

# AUTO CREASING MACHINE



**Technical Specifications of AUTO PAPER CREASING MACHINE**

<b>MODEL</b>	<b>AUTO CREASING</b>
Dimension	54 X 36 X 42
Number of Rollers	6 Marking & 2 Cutting Rollers
Paper Size	38 Inches Width
Minimum Gap	16 mm
Maximum GSM	80 GSM
Maximum GSM	450 GSM
Speed	Variable Speed
Production Capacity / Hour	3000 Sheets/hour
Power	1/2 HP (0.5hp)
Weight	250 Kgs



# ROLLER CREASING MACHINE



**Technical Specifications of ROLLER CREASING MACHINE**

MODEL	ROLLER CREASING
Dimension	40" X 40" X 38" (LxWxH)
Number of Rollers	6 Rollers
Maximum Paper Size	23 X 23 Inches
Minimum GSM	80 GSM
Maximum GSM	350 GSM
Speed	Variable Speed
Production Capacity / Hour	1500 Sheets/hour
Power	1/2 HP (0.5hp)
Weight	180 Kgs

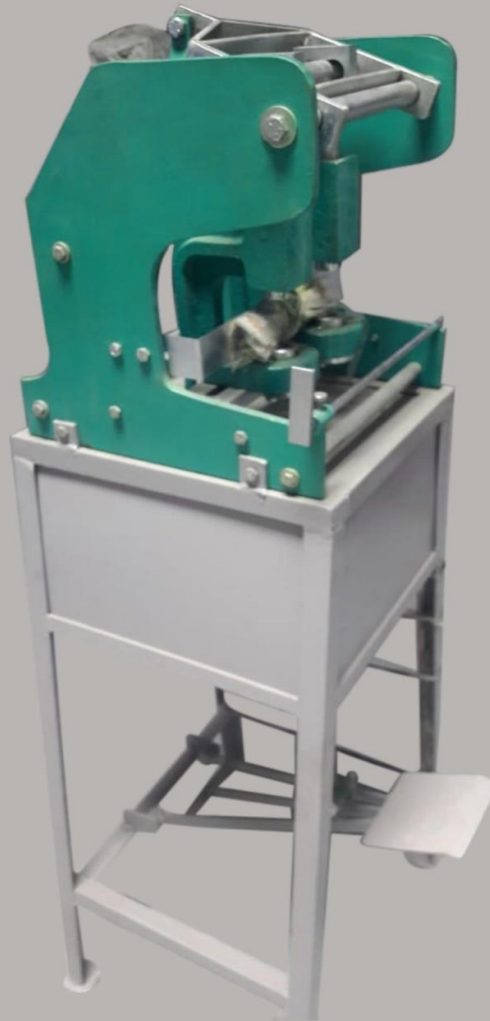
# AUTO FEED EYELET PUNCHING MACHINE



## Technical Specifications of Auto Eyelet Punching Machine

<b>MODEL</b>	<b>AUTO EYELET PUNCHING MACHINE</b>
Dimension	42" X 42" X 64" (LxWxH)
Eyelet Die Size	6 mm
Eyelet Feeding	Automatic Feeding
Production Capacity / Hour	500 Bags
Mode of Operation	Electrically operated with Pedal Push
Power	1/2 HP (0.5hp)
Weight	250 Kgs
Bed Bolt	Not Required

# MANUAL EYELET PUNCHING MACHINE



## Technical Specifications of ROLLER CREASING MACHINE

MODEL	MANUAL EYELET PUNCHING MACHINE
Dimension	18" X 15" X 47"
Eyelet Die Size	6 mm
Eyelet Feeding	Manual Feeding
Production Capacity / Hour	100 Bags
Mode of Operation	Pedal Operated
Power	Not Required
Weight	40 Kgs
Bed Bolt	Not Required

# D-CUT PUNCHING MACHINE



**Technical Specifications of D-CUT PUNCHING MACHINE**

<b>Model</b>	<b>D-cut Punching Machine</b>
Dimension	L 14", W 21", H 47"
Die Size	L 3",w 1"
Paper Feeding	Manual Feeding
Net Weight	50 Kg
Production Capacity Per Punch	5 Bags Per Punch
Power	Not Required
Mode Of Operation	Pedal Operated
Bed Bolt	Not Required

# PAPER CUP MAKING MACHINE



## Technical Specifications of PAPER CUP MAKING MACHINE

MODEL	UNIQUE - 210
Cup Size	40 MI - 210 MI
Bottom Size	36 Mm - 52.5 Mm
Production Capacity / Min	45 - 50 Cups
Paper Required	Single Side Pe Coated
Paper Thickness	170 - 270 Gsm
Electrical Supply	Single & Three Phase
Power Consumption	3.5 Kw
Machine Weight	1.5 Tons
Operating Mode	Auto / Manual
Machine Dimension	2150 X 1250 X 1300 MM (lwxhxh)
Automation Control	PLc
Number Of Sensors	4 Sensors

# PAPER CUP MAKING MACHINE



## Technical Specifications of PAPER CUP MAKING MACHINE

MODEL	UNIQUE - 330
Cup Size	40 MI - 330 MI
Bottom Size	36 Mm - 52.5 Mm
Production Capacity / Min	50 - 55 Cups
Paper Required	Single Side Pe Coated
Paper Thickness	170 - 270 Gsm
Electrical Supply	Single & Three Phase
Power Consumption	3.5 Kw
Machine Weight	2 Tons
Operating Mode	Auto / Manual
Machine Dimension	8.75 X 4.20 X 4.25 (lwxhxh)
Automation Control	PLc
Number Of Sensors	4 Sensors

# TISSUE PAPER NAPKIN MAKING MACHINE



## Technical Specifications of Tissue Paper making Machine

Parent Roll Width	20cm/22cm/24cm/27cm/30cm/33cm/44cm
Parent Roll Diameter	1200mm
Printing Unit	Single / Double Printing
Embossing Unit	Single / Double Embossing
Folding Size	1/4mm
Speed	30000 / Hour
Power Required	450 GSM
Speed	Variable Speed
Production Capacity / Hour	3000 Sheets/hour
Power	220 VAC Single Phase
Power Consumption	2.5 Unit/Hour
Total Electric Load	3 kW
Controlling System	Separate Control Panel
Transmission	Timing Belts
Counting	Digital Auto Counter
Embossing Design	As per Requirement
Machine Motor	2 HP/DC Motor
Band Saw Cutter Motor	2 HP/AC Motor
Speed Controller	Variable Pulley
Weight	2200 Kgs 2400 Kgs

# Facial Tissue Making Machine



**Technical Specifications of Facial Tissue Making Machine**

<b>Size</b>	200 mm x 200 mm
<b>Type</b>	2 Line
<b>Parent Roll Diameter</b>	1200 mm x 400 mm
<b>Paper Roll Core Inner Diameter</b>	76.2 mm
<b>Speed</b>	1400 Sheet Per Min
<b>Paper Feed Thickness</b>	11 GSM to 15 GSM
<b>Folding Type</b>	"V" Fold
<b>Power Required</b>	3 Phase
<b>Total Electricity Load</b>	12 KW Apprx.
<b>Machine Weight</b>	2800-3000 kg
<b>Space Required</b>	15 Ft L x 5 Ft W x 6 Ft H



# TOILET ROLL MAKING MACHINE



## Technical Details:

### Automatic Toilet Roll Making Machine

This Hi-Speed Toilet Paper Roll Making Machine is available in 810mm, 1020mm & 1650 mm widths. It is Slitting Machine in which Slitting Blades could be adjusted for Toilet Roll and Kitchen Roll. Electronic counter also provided which controls the No. of sheets to be re-winded. This Automatic Toilet Paper Roll Making Machine are efficient, reliable and easy to operate machines. The high speed paper folder is quite useful for deal in supplying big quantity.

## Technical Specifications:

- 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

# Metallic Foil Pouch Making Machine



## Technical Specifications Of Metallic Foil Pouch Making Machine

<b>Production Capacity</b>	3000 - 4500 Pouches/Hr
<b>Film Thickness</b>	35 – 80 Micron
<b>Machine Dimension (L x W x H)</b>	19 ft X 6 ft X 6ft
<b>Max. Roll Width</b>	800 mm
<b>Pouch Size</b>	Width 50mm to 375mm & Length 50mm to360mm
<b>Raw Material Can Be Used</b>	Metallic foil, PET, MET PET, BOPP, and Laminated films
<b>Sealing Type</b>	Ultrasonic (Centre Sealing & Side Sealing)
<b>Operating Mode</b>	Auto/ Manual
<b>Power Required</b>	6HP or 440 V
<b>Air Compressor</b>	3HP or 440 V
<b>Machine Weight</b>	1.5Ton
<b>No. Of Sensors</b>	3

# Aluminium Foil Container Making Machine

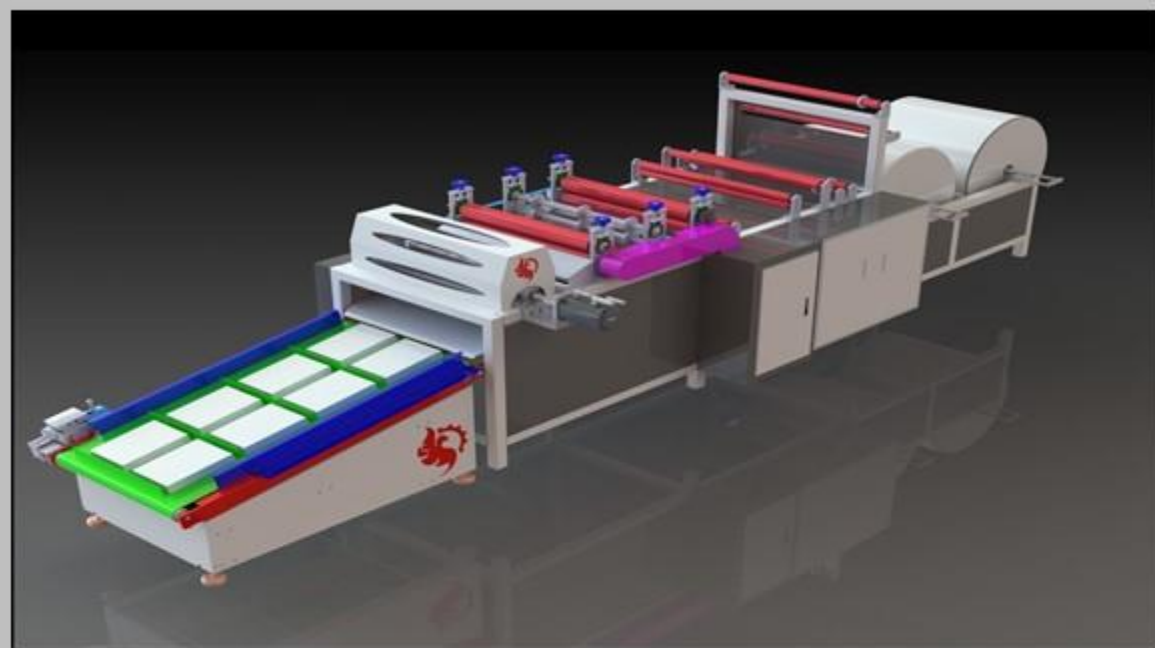


**Technical Specifications Of Aluminium Foil Container Making Machine**

Description	1 Die	2Die	4 Die
<b>Press Type</b>	CDD	CDD	CDD
<b>Production Capacity</b>	3600 Pcs/Hr	7200 Pcs/Hr	12000 Pcs/Hr
<b>Aluminium Foil</b>	30 – 80 Mic	30 – 80 Mic	30 – 80 Mic
<b>Machine Dimension (L x W x H)</b>	12 ft X 6 ft X 8ft	14 ft X 8 ft X 8 ft	16 ft X 10 ft X 8 ft
<b>Max. Roll Width</b>	325mm	475 mm	930mm
<b>HMI Touch Screen</b>	4 inch	4 inch	4 inch
<b>Automation Control</b>	PLC	PLC	PLC
<b>Operating Mode</b>	Auto/ Manual	Auto/ Manual	Auto/ Manual
<b>Power Required For Press</b>	5HP	7 HP	10 Hp
<b>Air Compressor</b>	3 HP	5 HP	7.5 HP
<b>Machine Weight</b>	2 Ton	2.5 Ton	2.5 Ton
<b>Automatic stacker &amp; Counter</b>	If Required	If Required	If Required
<b>Manual Hydraulic Stacker</b>	1 Ton	1 .5 Ton	2 Ton
<b>Aluminum Foil Scrap Baler (Hydraulic Press)</b>	If Required	If Required	If Required

S.No	Particulars	Width	Length	Depth	Reel Size 1 Die	Reel Size 2 Die	Reel Size 4 Die	Output/kg (38 Micron)
1	250 ml	65 mm	90 mm	35 mm	230 mm	390 mm	760 mm	400
2	450 ml	81 mm	107 mm	40 mm	260 mm	445 mm	865 mm	300
3	660 ml	73 mm	160 mm	47 mm	325 mm	455 mm	890 mm	180
4	750 ml	97 mm	168 mm	43 mm	325 mm	475 mm	930 mm	180

# A4 & A3 Sheet Making Machine



## Technical Specifications

Description	A4 Sheet	A3 Sheet
Max. Unwinding Diameter	1000 mm	1000 mm
Cutting Length	50 – 1000 mm	50 – 1000 mm
Cutting Speed	10 – 200 rpm	10 – 200 rpm
Production Capacity	600 Sheets / Min	200 Sheets / Min
Cutting Precision	+/- 0.2 mm	+/- 0.2 mm
Paper GSM	50 – 100 GSM	50 – 100 GSM
Machine Dimension	6000 (L) x 1350 (W) x 1450 (H)	6000 (L) x 1350 (W) x 1450 (H)
Max. Roll Width	1100 mm	1100 mm
HMI Touch Screen	7 inch	7 inch
Automation Control	PLC	PLC
Operating Mode	Auto/ Manual	Auto/ Manual
Pulling Servo	1.5 HP	1.5 HP
Main Motor	2 HP	2 HP
Slitting Blade	7 No's	5 No's
Conveyor	Automatic Conveyor with Stacker	Automatic Conveyor with Stacker

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