

WE STRONGLY BELIEVE IN
INNOVATIONS
AND AIM TO PROVIDE
QUALITY ASSURANCE
TO OUR CUSTOMERS.



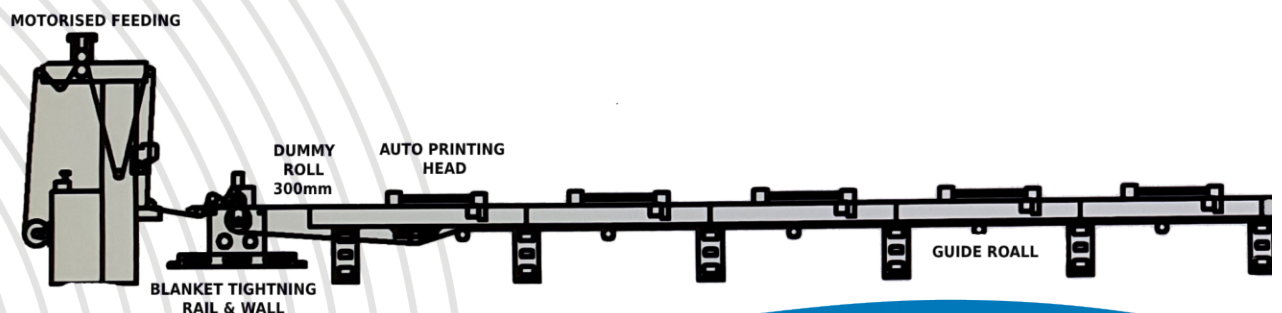
Mechazonix Industries Pvt. Ltd. is a Technology Driven Company and a global player in Printing Machinery business with a strong team of technical members. The technology culture has built and nurtured a core team of Technocrats, Managers, Industry Experts and R&D in the company.

ABOUT US



Mechazonix Industries Pvt. Ltd. is One of the Mechanical Mechanization Organisation. Having a Setup & Offering Cycle of Mechanization Arrangements & Modern Robotisation. Supplies, Instrumentation & Controls & Electricals. From Having a Huge Experience & Work with a View to Give Arrangements All Through the Plant and Cycle.

We are a Group of Qualified Technocrats in Our Unique Divisions Like Design, Sales & Marketing & Services and Organisation. Our Filed of Work is Mainly in Textile Industries. Further More in Synthetic Plants. Agriculture, Glass and Paper and Other Development Accessories. We likewise do a Total Turnkey Venture Consultancy Administrations for Flatbed Printing Machines. Our Framework & Culture is Intended to Meet & Surpasses the necessities of Our Customers. Directly from the Phase of Idea & Work Execution. Giving Best Help & Administration after Deals. We arget Giving Altered Arrangements According to the Cycle Necessities. We are Utilising Best in Class Generally Present Day Types of Flatbed Printing Machine and Accessories. Talking into Account Our Techno Commercial Proficient Qualities.



PRODUCT DETAILS

FLAT BED SCREEN PRINTING MACHINE

PLC-HMI BASED SCADA SYSTEM

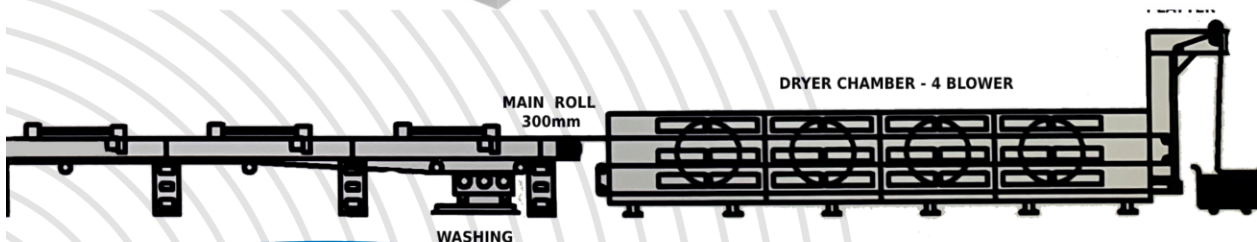
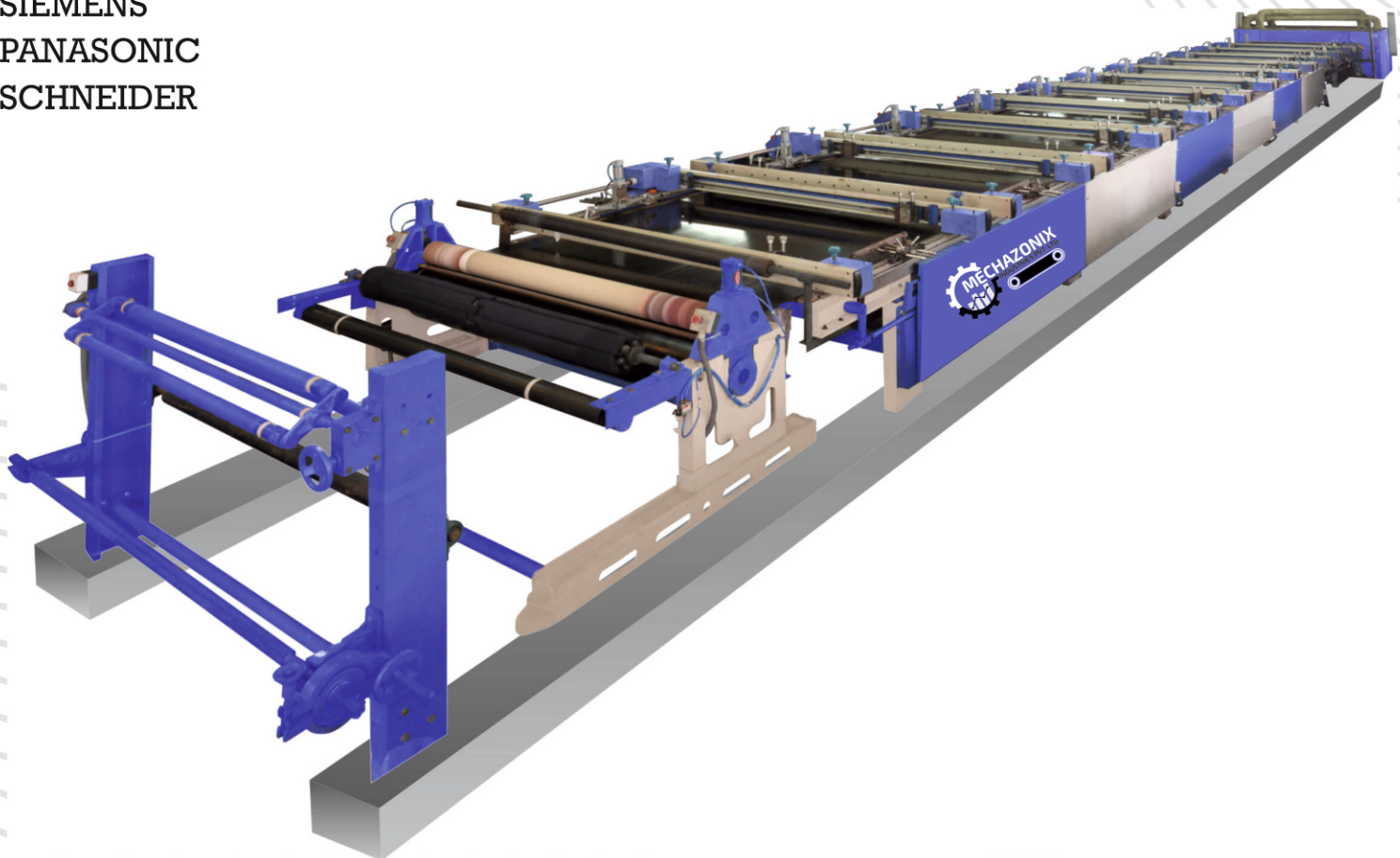
- PLC and AC Drive Based Sizing, Warping and Becoming Machine Control Panel
- Whole Plant Atomization

VARIABLE FREQUENCY DRIVES (VFD)

- (1 HP TO 200 HP)
- DELTA
- SIEMENS
- PANASONIC
- SCHNEIDER

SERVO DRIVE & MOTOR

- DELTA
- SIEMENS
- PANASONIC
- SCHNEIDER



FULLY AUTOMATIC FLAT BED SCREEN PRINTING MACHINE

- Double Servo System and Hydraulic Lifting System Operated
- Structure wise type of the Machine
By Default Color Coated (i.e. Channels, Legs, Tiebar, Distances Piece, Angles & Dryer Chambers, Panels Powder Coated etc.)

MECHAZONIX INDUSTRIES REGULAR STRUCTURE

FEEDING SYSTEM

- Auto Feeding
- Motorised Feeding (Auto) Suitable for All Kind of Fabric Feeding

MAIN CHANNEL

- Machined and Out of C.I.

ROLL

- Main Roll 300 mm dia with clutch & bearing padestere
- 300 mm dia Dummy Roll with complete assembly

SUPPORTING CHANNELS FOR PLAY

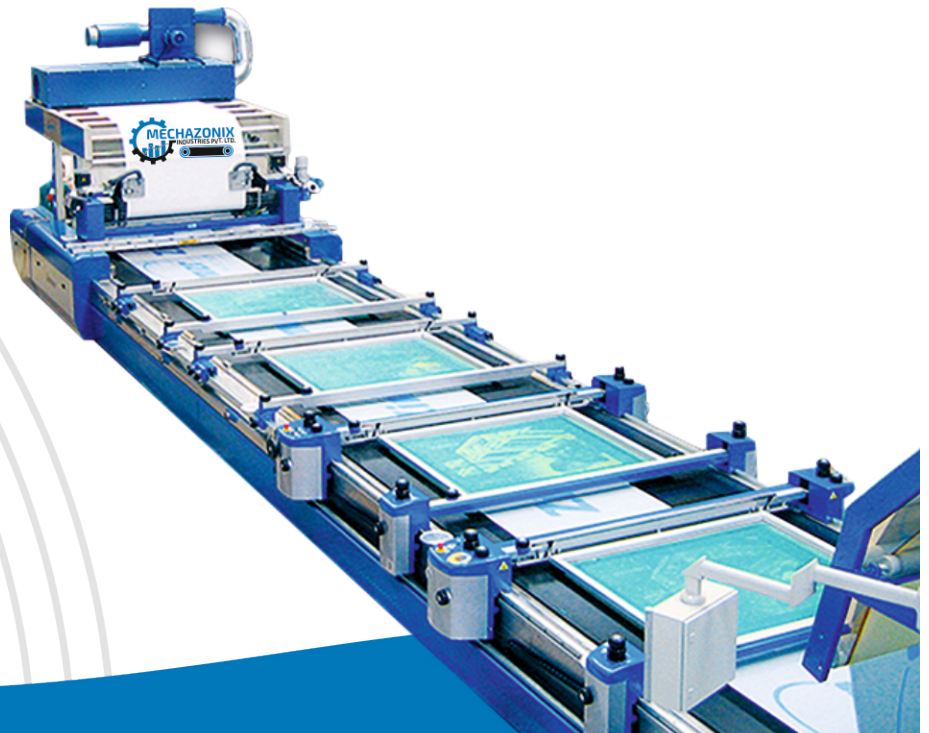
- Completely Machined Provided with Extra Stiffeners to Enable Extra Ordinary Print Levling.

MACHINE LEGS

- Heavy Duty of 28 / 30 / 32 Kgs. C.I. Casting (Approx) having machined all over.

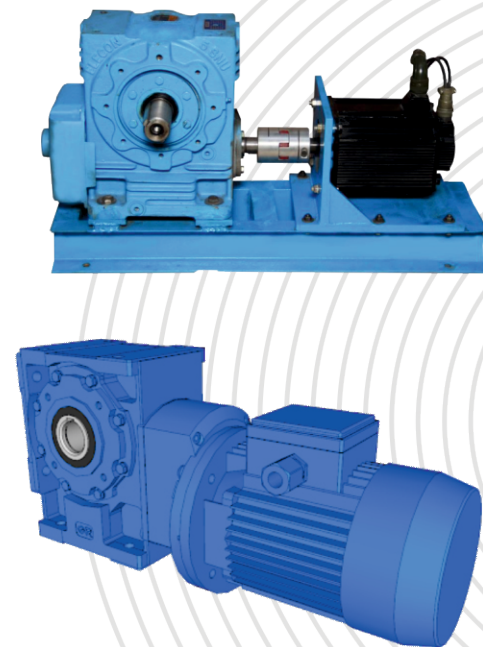
Chanel/beans Used For Machines With Various Printing Widths

- Printing Width : (i) 48" P.W. (ii) 60" P.W. (iii) 72" P.W. and Customized (iv) 80 (v) 100 (vi) 110
- Plywood of Table : (i) Wooden Ply (Water Resistance)
- Blanket Tightening Wall & Rail(BTD) Made of Thick CI Plate
- Blanket Tightening & Main Roll Made of Thick Seamless Pipe Ebonite Coated
- Blanket Motion Powered by Double Servo Motor with Encoder & Power Cable
- Repeat Setting Starts from 450 mm to Customised.



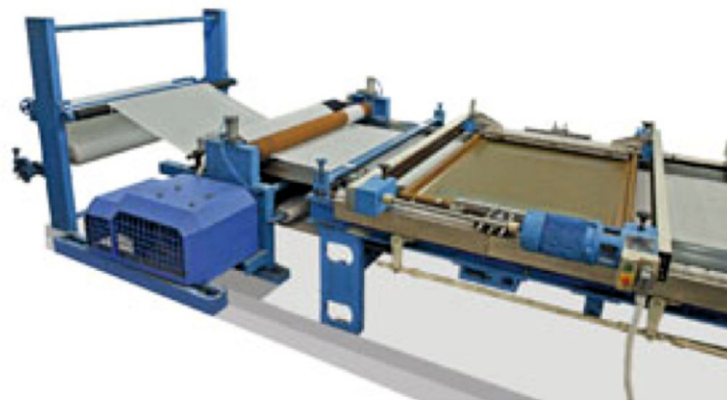
DOUBLE SERVO SYSTEM

- Gear Box : 5 NU / 6 NU Elecon Make with Suitable Ratio
- Gear Box to Servo Motor : Aluminium Couple (Heavy)
- Gear Box to Roll : MS Couple (Heavy) Both Side
- Base Frame Support : Fabricated
- Servo Motor : Delta / Schneider / Panasonic
- Switch Gear : Any Standard
- Electrical Panel Board Made and Designed by Mechazonix Industries



AUTO PRINTING HEAD

- Fully Automatic Printing Head
- Auto head Motor (Hi-Speed)
- Auto Head Card : Regular / Hi-Speed
- Operated by Separate VFD (Drive) for
- Each Printing Head
- Types : Hi-Speed Auto Head / Regular Auto Head
- Auto Head Driven : Chain Driven / Belt Driven
- Design Setting : SS Make (Heavy)

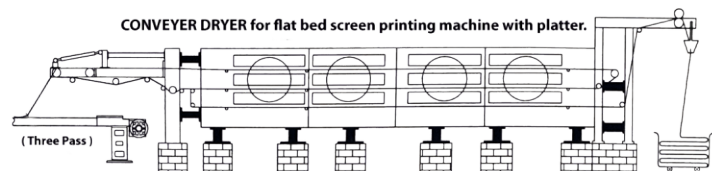
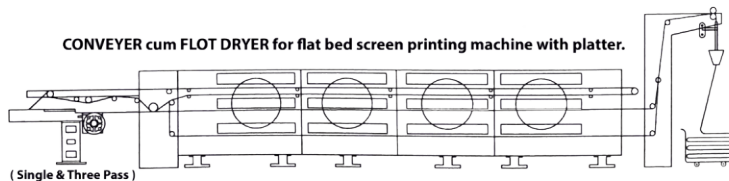


LIFTING SYSTEMS

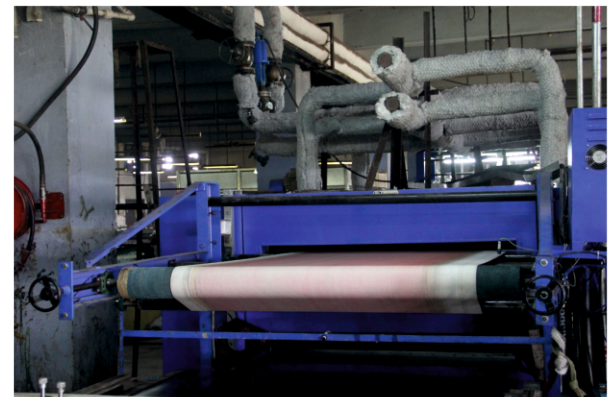
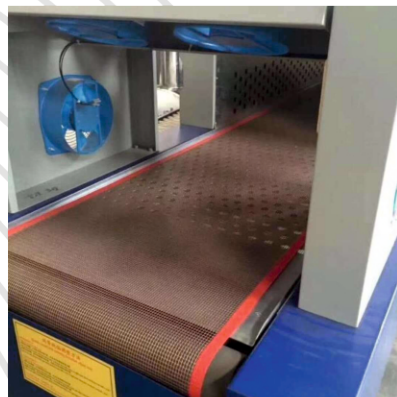
- **BE CRANK LEVERS** : Heavy Duty C.i. Casting Levers Provided At Every 1500 mm Distance for Betterload Carrying
- **FULCRUM PIN 30** : MM Dias, Made Out of En-8 material Duly Done Hardening And Grinding
- **LIFTIN PIN** : Material Duly Done Hardening and Grinding
- **LIFTING BUSH** : Made Out of C.i. Casting with High Graded G.M.
- **LIFTING ANGLE** : Ms Angle Completely Machined
- **"T" SLOT FLAT** : Standard "T" Slot Flat is Provided with Standard "T" Nut for Better Fixing of Printing Head and Design Setting Unit



DRYER & PLATTER

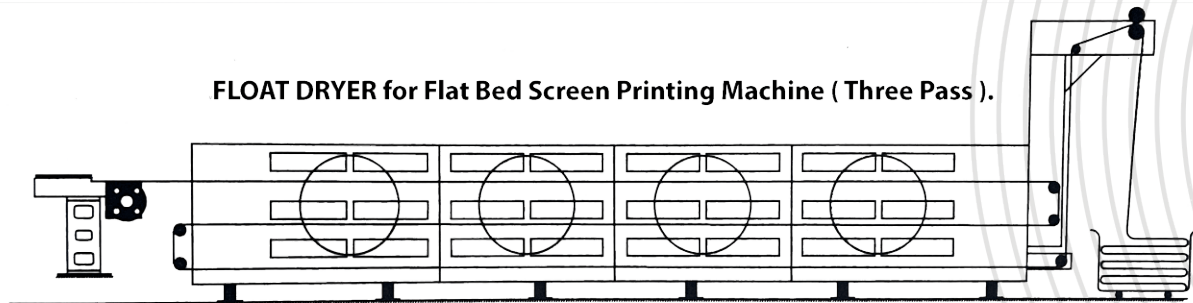


Mechazonix Industries Also Supplies Conveyor Belt mesh !



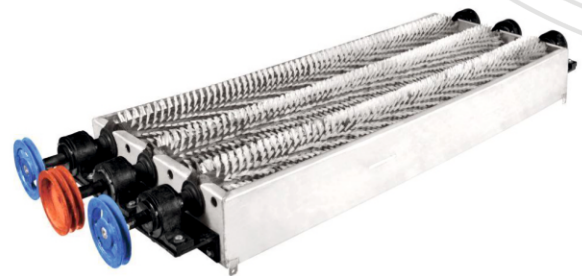
FLOAT DRYER

- Float Dryer for Flat Bed Screen Printing Machine (Three Pass)
- Regular Dryer & Conveyer Dryer
- 2 Nos. Chambers = 4 Nos. Blower (Fan)
- 2.5 Nos. Chambers = 5 Nos. Blower (Fan)
- 3 Nos. Chambers = 6 Nos. Blower (Fan)
- with 3 HP Motor & Gear Box
- Blanket & Platter is Synchronized
- AC Motor : Standard Make
- Platter Made with MS Plate

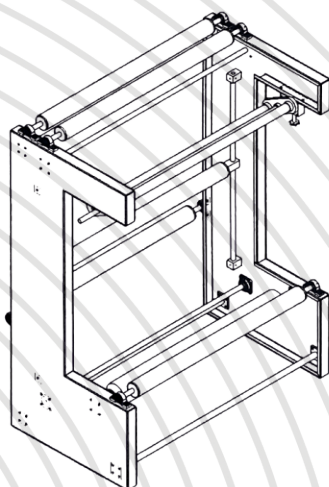


BLANKET WASHING UNIT

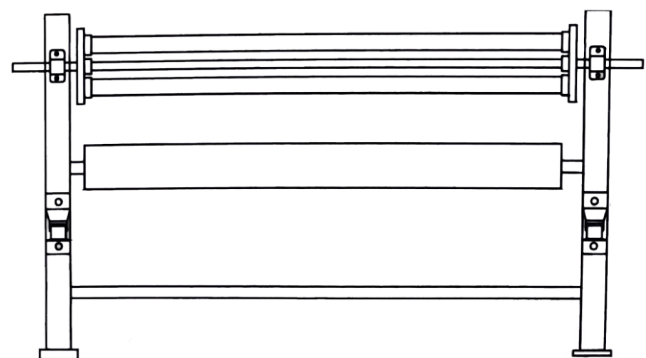
- Made of SS-304 with Auto Lifting System
- 3 Nos. Shower Pipes (SS)
- 3 Nos. Brush Rolls with Bearing Padester
- SS Blanket Washer with Lifting & Lowering Mechanism



MOTORISED-FEEDING SYSTEM



MANUAL FEEDING SYSTEM



MECHAZONIX INDUSTRIES PRINTING BLANKET

3.5 ALR TPU-PRINT

3 Ply Fabric
Cotton Ply Last layer
3.5 mm Thickness

APPLICATIONS

- ✓ Flatbed Printing (Micro Trolley)
- ✓ Single Servo



2.65 ALR UP-PRINT

Double Ply Polyester Fabric
Middle Layer (Thermoplastic)
2.65 mm Thickness
Urethane permeated

APPLICATIONS

- ✓ Flatbed Printing (High Speed)
- ✓ Rotary Printing
- ✓ Digital Printing

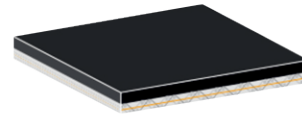


2.15 ALR UP-PRINT

Single Ply Polyester Fabric
Urethane Permeated
2.15 mm Thickness

APPLICATIONS

- ✓ Flatbed Printing (High Speed)
- ✓ Rotary Printing
- ✓ Digital Printing

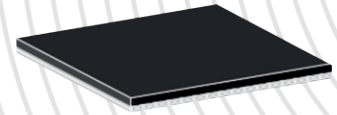


2.15 ALR UP-PRINT

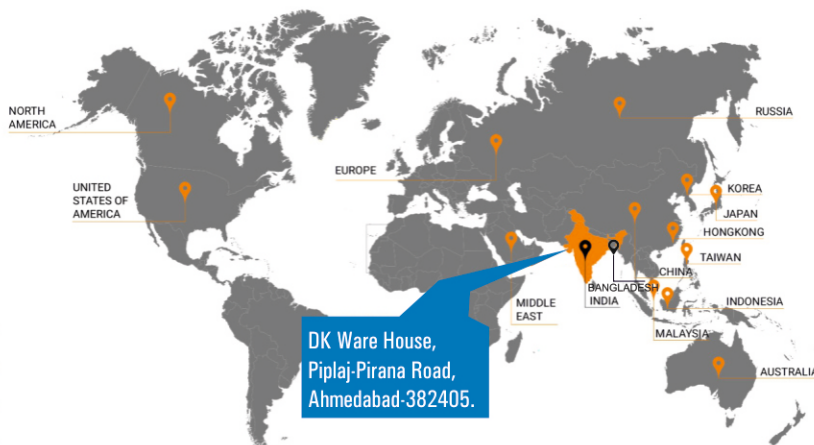
Single Ply
(Multiply Polyester fabric)
Urethane Permeated
2.3 mm Thickness

APPLICATIONS

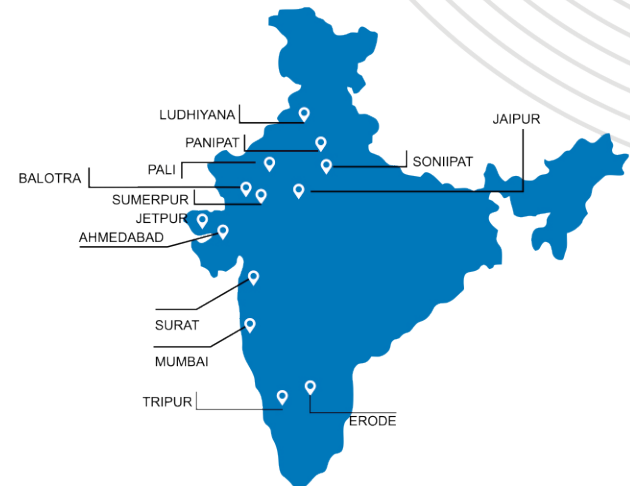
- ✓ Flatbed Printing (Long Systems)



MECHAZONIX INDUSTRIES WORLD WIDE NETWORK



MECHAZONIX INDUSTRIES NETWORK IN INDIA



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