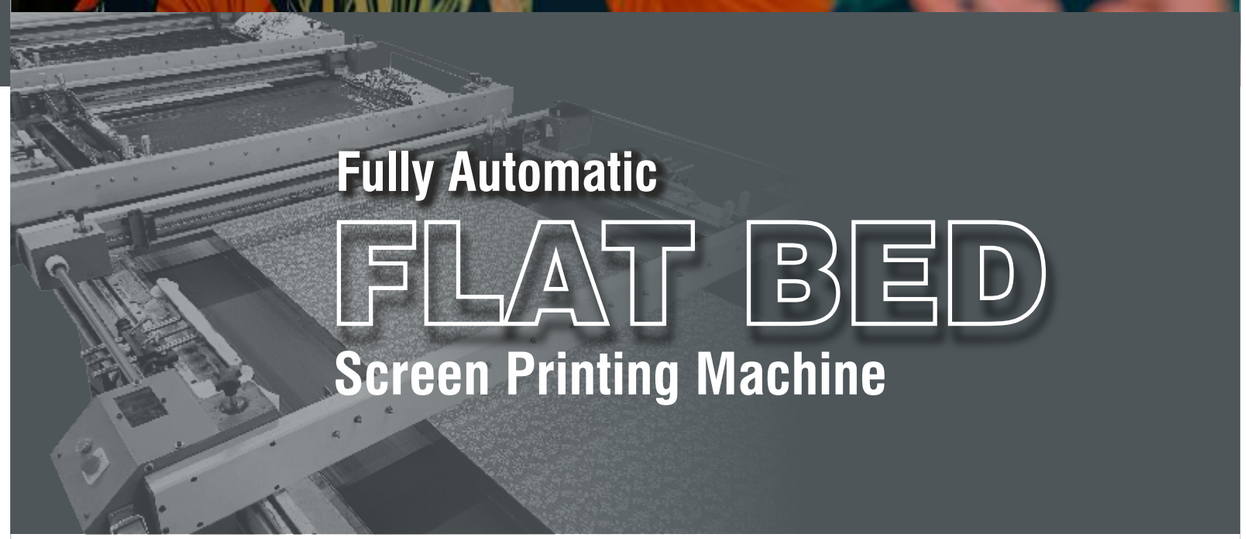
GLOBAL PRESENCE









Parul TEXTILE

Mfg. & Supplier of Textile Machinery & Spares Parts

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www.parultextile.com

Follow us on :

Right choice for perfect printing

Parul TEXTILE
Since 1989

COMPANY PROFILE

Parul Textile was establish in the year 1989 with aim of providing printing technology innovation in the field of textile flatbed screen printing machine.

Initially Parul Textile started its journey with manufacturing parts of flatbed screen printing machine and providing various parts to Indiginious and imported Flat bed Printing Machine which are used in textile machinery manufacturing and till then with team of qualified and experienced techno crates. We are now one of the leading manufacturer of Flat bed Printing Machines at Ahmedabad, Jetpur, Surat, Jaipur, Faridabad, Erode, Tirupur, Hyderabad, Mumbai...

We are exporting Flat bed Printing Machines at Bangladesh, Tanzania, Iran, South Africa.

As on today's 258 Flat bed Printing Machines performing at India and International Fabric Printing Industries.

Our Strength is technocrats our director Rameshbhai Patel and Nagesh Patel both having a deep knowledge about the subject of fabric printing and fabric Flat bed Printing Machines, with the help of Mechanical, Electrical and Electronic Engineers team to produce a world class technology. Most efficient production capacity through the sound workshop and customer oriented quality policy.

Our research & development department, ensure that the skill and know-how are constantly upgrade, thereby we guarantee continuous improvement of all machines and the sustained development their business and take on the challenges of a more and more competitive market with assured success.

Range of Products

- Flatbed Screen Printing Machine
- Double Servo System
- Hydraulic Lifting System
- Auto Printing Head
- Conveyor cum Float Dryer & Float Dryer
- Auto Motorized Feeding
- Blanket Washing Unit
- Flatbed Screen Printing Machine Spare Parts

Fully Automatic Flatbed Screen Printing Machine

Printing Width
1225, 1525, 1825 & upto 3200 mm

Printing Table Length
45, 50, 55, 62, 75, 80, 85, 90, 95 & upto 150 fit.

Number of Colours
6/8/10/12/16/18/20/22/24

Printing Repeat Range
500 to 3000 mm

Blanket Drive
- **Servo Drives:** in this model blanket drive is driven by A.C. servo drives.
- **VFD (Variable Frequency Drive):** In this model the blanket is driven by A.C. induction motors and the blanket is controlled by Micro Matic Trolley

Lifting Device
- Hydraulic lifting system
- Servo motor lifting system

Dryer
- Float dryer
- Conveyor dryer

Feeding
- Standard feeding
- Motorized feeding



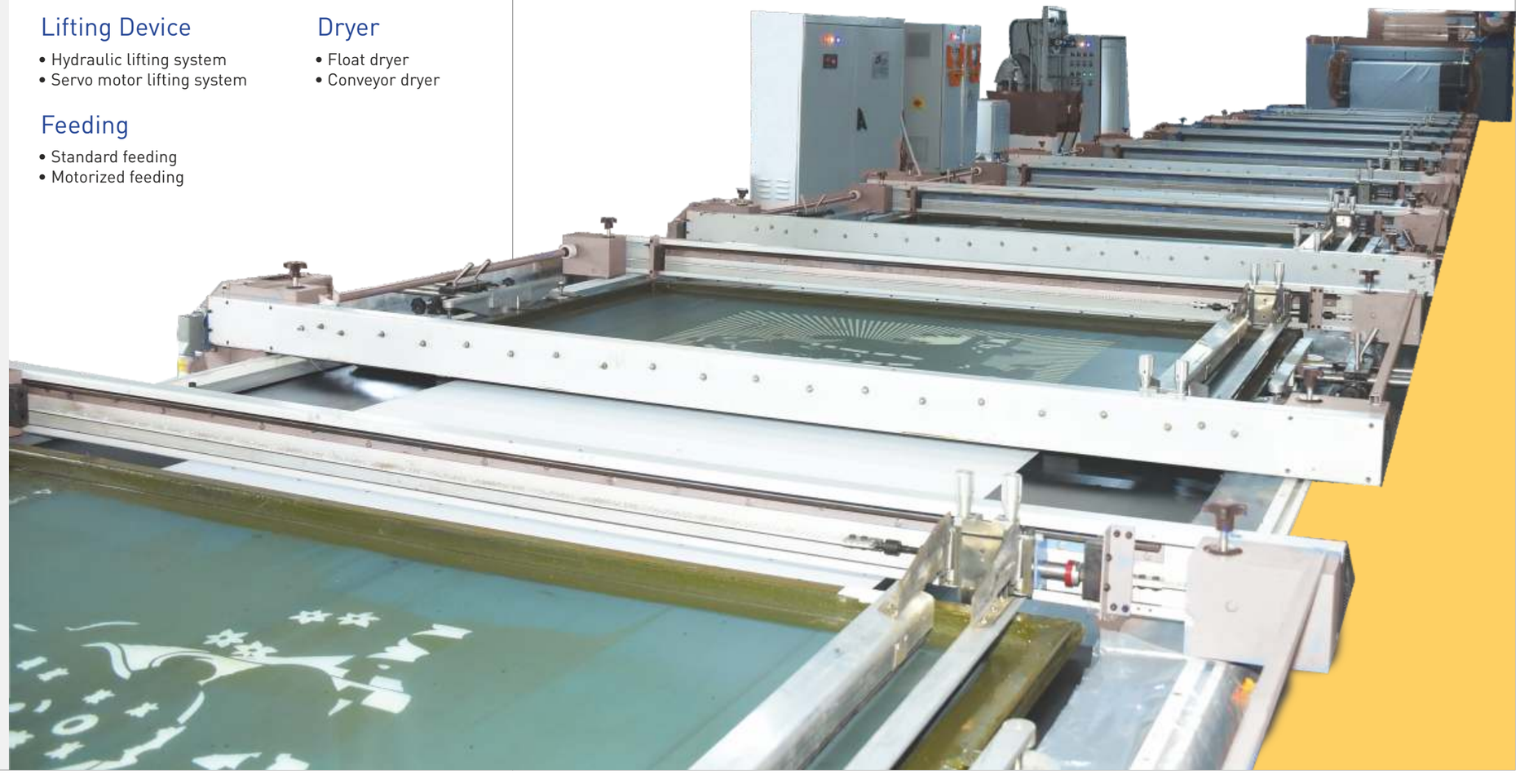
Blanket Washing Unit
- Two brush roll washing
- Three brush roll washing

Auto Printing Head
- Regular speed autohead (ecco trolley, chain, drive)
- High speed autohead echinos trolley, chain, drive)

Main & Dummy Roll
- 240 mm dia main & dummy roll with bearing pedestal
- 300 mm dia main & dummy roll with bearing pedestal

Main Channel
- 150mm X 75mm or 200mm X 75mm well machined

Mangel Legs
- Heavy duty of 28kg C.I. casting having machined



Double Servo System







Specifications

Gear Box	Elecon / Girard(France Make)
Gear Box to Servo Motor	Ktr. make imported couple
Gear Box to Roll	M.S. couple heavy (both side)
Base Stand	Sliding stand fabricated, made by heavy M.S. plate and channel.
Servo Motor, Drivers, and HMI	Trio / Panasonic / Bosch Rexroth / Schinder
Servo Panel	Made by 16wg powder coated with all servo requirement protections of all electrical components, electrical panel board is designed by Parul Textile.



Hydraulic Lifting System

Common Hydraulic Lifting System & Micromatic Trolley Device
- 5 HP for upto 12 colours
- 7.5 HP for above 12 colours

Spare Parts of Hydraulic Unit
- Double coil valves
- Single coil valves
- Gear pump
- Sub plates
- Check valves
- Flow control valves Drv 1/2
- Lifting cylinder & attachments
- Hose pipes & fitting
- Lifting material which are attachment in flatbed machine



Specifications

Lifting Unit	Well machined 75mm X 75mm X 8mm
Lifting Bush	Made by C.I. casting with HI geared G.M. bushing
Lifting Lever	Heavy duty investment (M.S.) die casting
Vertical Pin	Made by En-8 material and duly done by hardening and grinding
Link	Made by heavy material and with G.M. bushing
Guzzle Pin	Made by En-8 material and duly done by hardening and grinding

Conveyor cum Float dryer



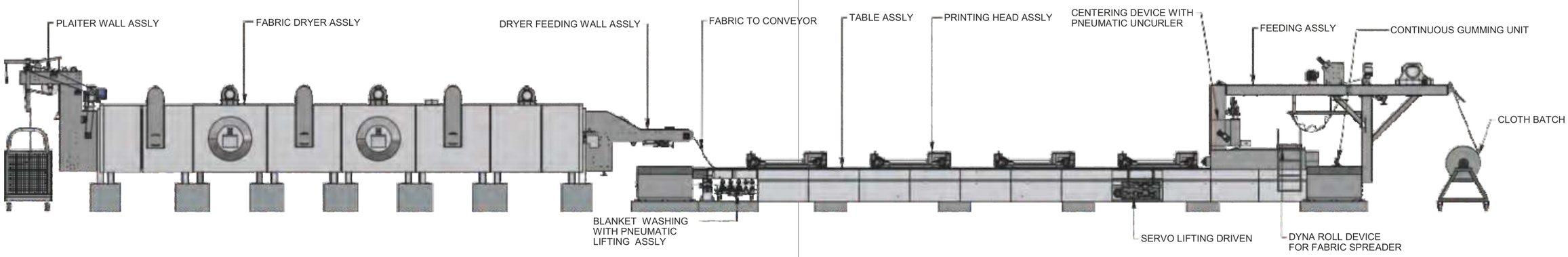




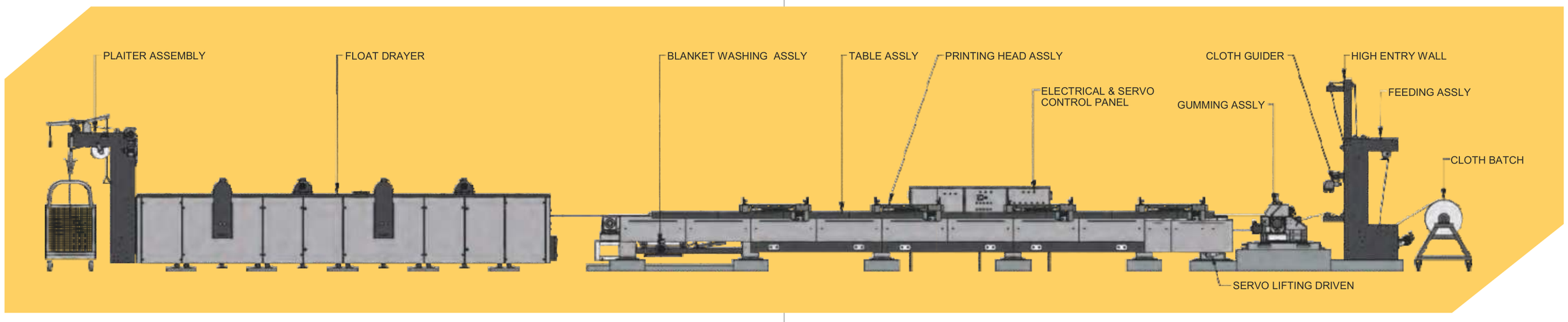
A fully equipped dryer system dries the fabric after printing process. The fabric after being printed passes through the dyer, wherein it comes in context with hot air which dries the fabric. Air is heated by heat exchanger which can be operated by steam /Oil or gas as per convenience of customers / availability

Specifications

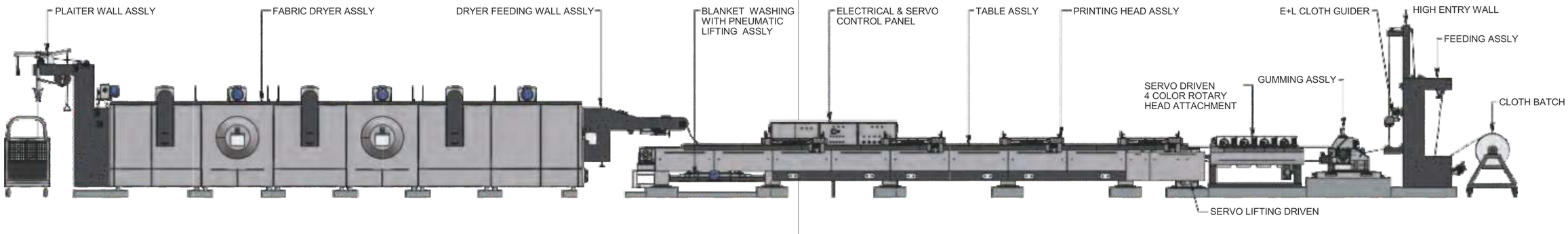
Oil/Steam/Gas	All three option are available
No. of Fans	2/3/4/5/6 up to 10
No. of Exausht	As per Requirement
No of Pass	1/2/3/5
Radiators	48 tubes 56 tubes or 72 tubes
Power requirement for Dryer	
For Regular Width	3 HP (Each Fan) (ABB or Bharat Bijlee Make)
For Wider Width	3/5 HP (ABB or Bharat Bijlee Make)



Flat Bed Printing Machine with Dust Collector& Conveyor Dryer

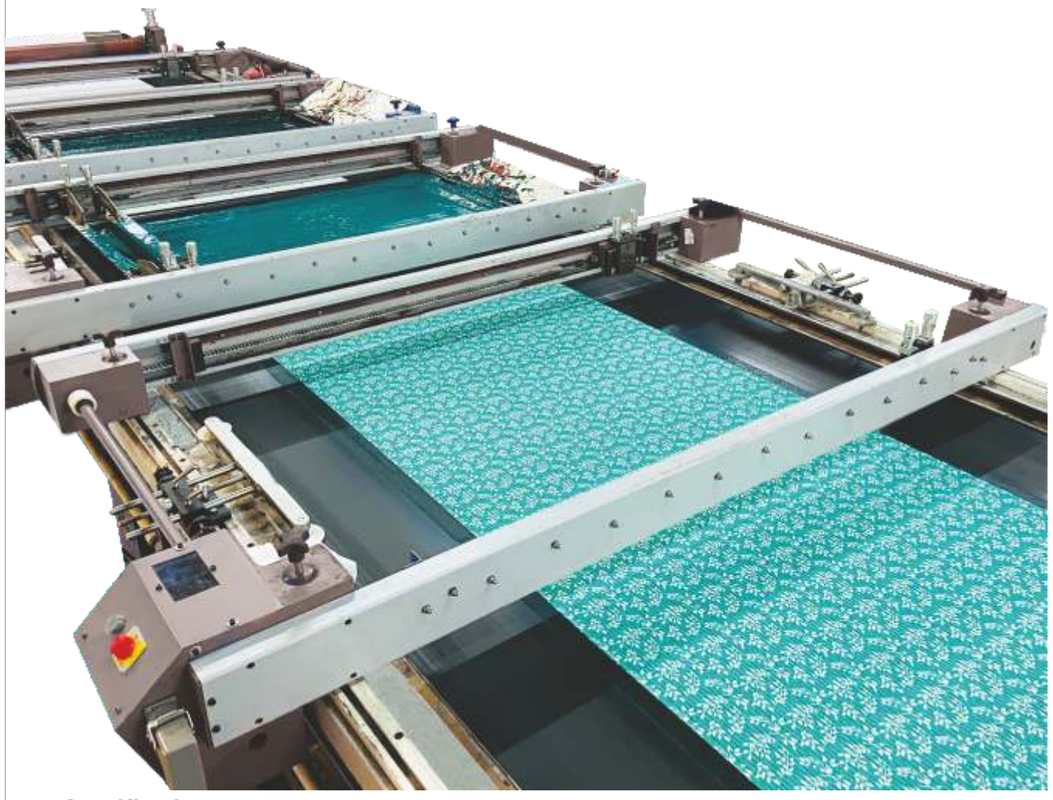


Flat Bed Printing Machine Model : SPEEDTEX-5



Roto Flat Bed Printing Machine(Rotary + Flat Bed)

Fully Automatic Printing Head



Specifications

Types	High speed autohead & regular speed operated by VFD drice for each autohead
Autohead motor	1HP / 2HP
Autohead Driven	Chain / Timing Belt
Autohed Trolley	Ecco / Echinos
Autohead Card	Aditya make Hi-Speed
Design Setting	S.S. make (Heavy)

Different Types of Models

Model	Speed Tex-1	Speed Tex-2	Speed Tex-3	Speed Tex-4	Speed Tex-5
Blanket Drive	A.C. Motor (5Hp/7.5Hp/10/Hp)	Servo Motor (5Kw./7Kw./10Kw. 13Kw./15Kw.)	Servo Motor (5Kw./7Kw./10Kw. 13Kw./15Kw.)	Servo Motor (5Kw./7Kw./10Kw. 13Kw./15Kw.)	Servo Motor (5Kw./7Kw./10Kw. 13Kw./15Kw.)
Lifting	Hydraulic Lifting	Hydraulic Lifting	Hydraulic Lifting	Servo Motor 2Kw./3Kw./5Kw.	Servo Motor 2Kw./3Kw./5Kw.
Platter Drive	A.C. Motor	Servo Motor 1Kw./2Kw./3Kw.	Servo Motor 1Kw./2Kw./3Kw.	Servo Motor 1Kw./2Kw./3Kw.	Servo Motor 1Kw./2Kw./3Kw.
Blanket	Rubber Blanket (Indian Made)	PU Imported Blanket (Habasit-PB-2552 Forbo Siegling 6649/6646)	PU Imported Blanket (Habasit-PB-2552 Forbo Siegling 6649/6646)	PU Imported Blanket (Habasit-PB-2552 Forbo Siegling 6649/6646)	PU Imported Blanket (Habasit-Makae-2499 Forbo Siegling 6552)
Washing	2 Brush Roll	3 Brush Roll (Manually Lifting)	3 Brush Roll (Manually Lifting)	3 Brush Roll (Manually Lifting)	3 Brush Roll (Pnuematic Lifting)
Feeding	Simple Feeding	Simple Feeding	Vertical Feeding with Pneumatic Guider	Vertical Feeding with Pneumatic Guider	Vertical Feeding with Pneumatic Guider

Platter



- Simple Dancing Roll Platter
- Advance Servo Platter for Float Dryer

Simple Dancing Roll Platter
Platter made with M.S. plate 2.5mm with Ambika make Gearbox and ABB or Bharat Billee make motor.

Servo Platter
Fast response time Reduction of Printing Fault due to Sagging of Fabric at dryer body elimination of reduce overall downtime servo motor



Auto motorised Feeding

The fabric feeding device consists of guide rollers & tension bars. The fabric which has to be printed passes through the feeding device

Which removes the creases and gives suitable tension to the fabric while they passes through the guide roller.



Blanket Washing Device

Three Brushroll Washing Device
Two Brush Washing Device

S.S. blanket washer with lifting and lowering mechanism in specially designed for easy, quick and time saving operation during periodic cleaning

It is Equipped with
- Adjustable SS Tank
- Alternate water jets
- Ebonite coated brush roll
- 3HP ABB make motor / Bharat Bijle
- Pneumatic/Manually Washing Lifting System



Open width Stenter Machine



Pneumatic padding mangle
The main structure is fabricated out of heavy duty M.S. –plate and incorporates with entry device, rubber and ebonite squeezing rolls SS. Tank fitted with SS. Guide rolls and pneumatic pressure system.

Pre dryer & compensator
The system consist of 20`-30` Dia. S.S. cylinder of required with total 4" NOs. dynamically balanced and gas heated system. Cylinders are mounted on heavy channel structure frame with complete accessories guide roll proved for maximum contact of fabrics the compensator unit ensuring , proper speed synchronization of the Stenter and mangle.

Bow & weft straightener
The precise bow & weft streghtener having two curved rubber sleeve expander rolls & two ebonite coated rolls are provided for fully straightening of the fabric the auto feeding device fitted at the entry of the Stenter.

STENTER
The main Stenter machine stands on C.I. cast legs which are coupled together by C.I. casted supports ensuring the vibration free movement of the machine precisely machined C.I. casted rails fitted on the structure for smooth & the accurate running of the clips.
The clips are S.G. iron casted which gives long & sturdy life and special without damaging the fabric clips openers are provided at both the entry and delivery end of the Stenter. The stenter is driven heavy sprockets fully motorized & a complete system of width adjustment is fitted on the machine.

Dust Cleaning Brushing Machine



Features of Textile Fabric Cleaning Machine

- Removing dust and loose fibres easily
- Suitable for continuous fabric processing
- Helps maintain a cleaner fabric surface
- Smooth and controlled fabric movement
- Suitable for different textile materials
- Supports efficient production operations
- Can be used before next step of fabric making
- Designed for consistent cleaning performance
- Customizable according to production requirements
- Designed for long-term industrial use
- Low-maintenance and reliable performance

Application of Textile Fabric Cleaning Machine

- Cleaning woven textile fabrics
- Cleaning knitted fabric
- Pre-treatment fabric preparation
- Getting the fabric ready for dyeing
- How to prepare fabric for printing
- Textile finishing and processing units
- Flattening articles of fabric by removing lint and loose fibres