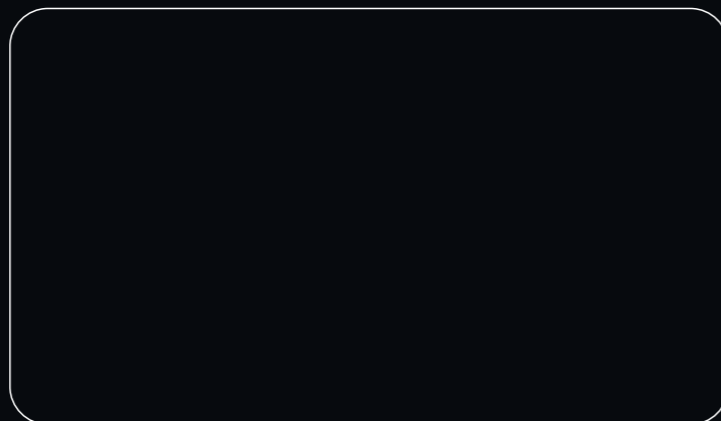


WE ARE **Active**[®]
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SPECIAL EDITION
PRODUCT CATALOGUE

DEALER STAMP



ACTIVE INKJET SOLUTIONS

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E info@activeinkjetsolutions.com, jagdishjani@gmail.com
M 98241 27260, 97279 27260
A 402/A, Indo World Commercial Complex,
B/h. Kadiwala High School, Ring Road,
Surat 395002, Guj. (India)

WORKSHOP UNIT

A C-109-110-111, Laxmi Narayan Industrial Society,
BRC Compound, Udhna-Navsari Main Road,
Surat 394 210. Landmark - Laxmi Narayan Temple

PRE-PRINT TEXTILES
SCREEN MAKING
MACHINES

INNOVATIVE DIGITAL PRINTING SOLUTIONS
www.activeinkjetsolutions.com



ABOUT US

Active Inkjet Solutions has been leading the way in the field of Inkjet printing for Textile manufacturing hubs for the past decade. We aim to be a technically sound brand by being the quality pioneers for our clients. For us, our clients are the king. All our work revolves around satisfying them.

When it comes to quality, we are the best in the market. Our diverse range of products reflects on the same. We are an ISO 9001:2015 certified company and all our products are made by keeping International Quality Standards in mind. We are besotted by a constant urge to function systematically by upgrading and developing our range of products. As a company, we are always there for our clients.

Our 24x7 service support aids us to provide the finest service to our clients. Our experience helps us in efficiently breaking down solution for our clients. We, as a company, stand true to our quality, standard, commitment, values and hence we stand true to our clients.

“ Our mantra
TEAM WORK
INTELLIGENCE
MOTIVATION
CREATIVITY ”

A REPUTED INKJET SOLUTIONS MACHINES MANUFACTURING COMPANY

MANUFACTURING OF SCREEN MAKING
SYSTEM FOR ROTARY & FLATBED TEXTILE
PROCESSING UNIT



We use World Inkjet Technology Leader
Epson patented print heads.

EPSON
EXCEED YOUR VISION

SOLUTIONS AS PER YOUR NEED NO MORE OR LESS



OUR VISION

We aim to be the Quality & Technically Sound Brand in the Inkjet and Digital Textile Printing Industry.



OUR MISSION



- To establish ourselves as a reputed and trustworthy brand.
- We strongly stand by the fact that satisfying our clients is our utmost priority.
- To have a competitive edge by constantly upgrading our products.
- To be the best quality and after-sales service provider in the market.
- Standing true to the international quality standards.



OUR VALUES

CUSTOMER SATISFACTION

Our most eminent priority are our clients. We serve them by providing higher quality as well as service values.

PRICE

We believe in providing the best quality at a competitive price yet no compromise. You get the real value for your money.

INNOVATION

Our constant product development and upgradation makes us a part of the change. We strive to move ahead of the industry technology standards by coming up with innovative solutions that could really make a difference.

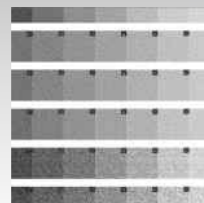
SERVICE

It is the backbone of our company. We have dedicated after sales service department with the name SUPER ACTIVE SUPPORT. As the name suggests, we provide the solution to breakdown any time 24x7.

A REMARKABLE BREAK-THROUGH INTO THE TEXTILE SCREEN ENGRAVING TECHNOLOGY ACTIVE'S ALL NEW BLU-RAY LASER SCREEN ENGRAVING MACHINE

PRESENTING

Active[™] BLUERAY3200



SHARPNESS LEVEL OF THE DESIGN

Blue light (UV) laser engraving machine is a novel developed screen-making equipment on the basis of Laser Plotter, Realizing the bright room operation with lower cost, fast speed and high precision, it is the most ideal screen-making equipment.

TECHNICAL FEATURES

- THE BLU-RAY LASER ENGRAVER INTEGRATES THE HIGH-TECH ESSENCES OF MODERN SEMICONDUCTOR LASER, PRECISION MACHINERY MANUFACTURING AND COMPUTER CONTROL.
- THE COLOR SEPARATION INFORMATION IS TRANSMITTED DIRECTLY FROM THE SEMICONDUCTOR LASER TO THE SCREEN (LASER EXPOSURE), WHICH REALIZES DOT MATRIX REDUCTION AND OBTAINS THE DESIRED PATTERN.
- NO BLACK AND WHITE FILM, FINE PATTERN, ACCURATE INTERFACE, SIMPLE AND FAST SCREEN.
- LOW ENERGY CONSUMPTION, COST REDUCTION, HIGH COST PERFORMANCE, IS THE IDEAL TERMINAL EQUIPMENT FOR PRINTING SCREEN.
- IT DOES NOT NEED TO PASS THROUGH MEDIA AS SUCH AS FILM, INK, WAX AND OTHER CONSUMABLES, WHICH GENTLY REDUCES THE PRODUCTION COST OF THE ENTERPRISE.

SALIENT FEATURES



HIGH
SPEED



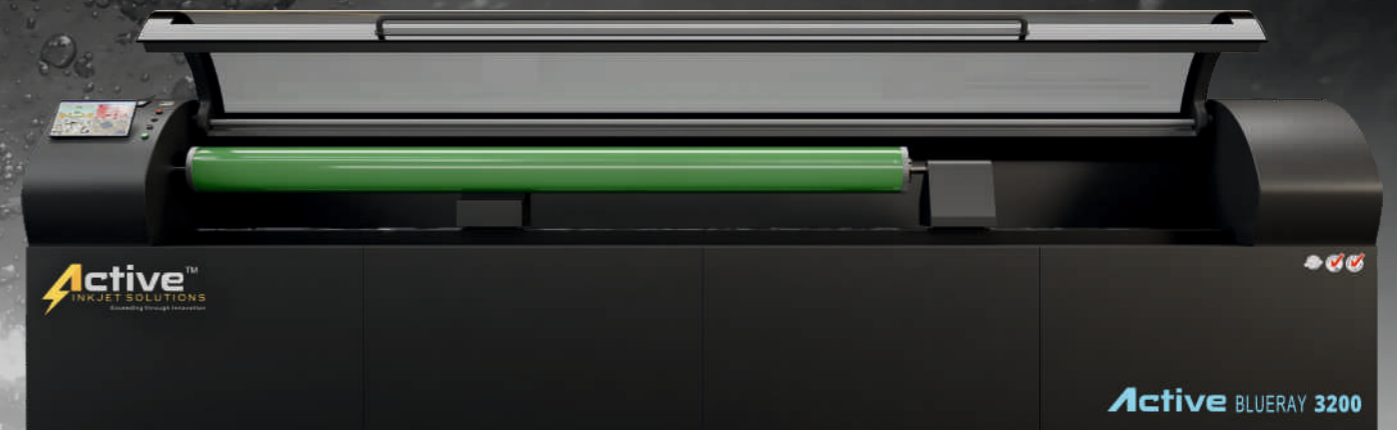
HIGH
EFFICIENCY



HIGH
QUALITY



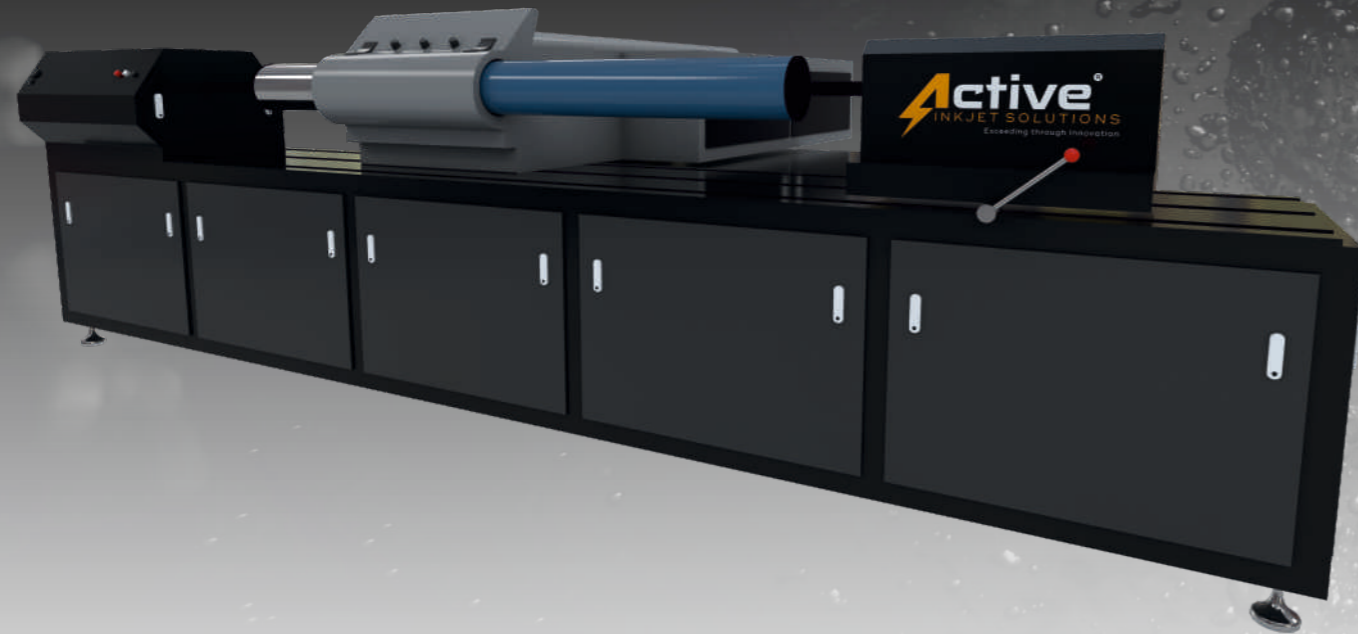
LOW ELECTRICITY
CONSUMPTION



| DESCRIPTION | UNIT | PARAMETERS AIS-2200/AIS-3200 | |
|-------------------------|-------------|--|----------------------|
| SCREEN LENGTH | As per need | mm | 2200/3500 |
| MACHINE LENGTH | Max | mm | 5600 |
| MACHINE WIDTH | Max | mm | 900 |
| MACHINE HEIGHT | Max | mm | 1700 |
| WEIGHT | Max | kg | 1500 |
| DIAMETER | As per need | mm | 640 (Other Optional) |
| ROTATE | Max | R.P.M | 300 |
| SPEED | Max | (2-4) M | (8-23) Min |
| PRECISION | | DPI | 720 |
| DIODES | | NOS | 16/24 |
| PHOTO EMULSION | | Recommended to use high sensitive emulsion | |
| OPERATE AND MAINTAIN | | | |
| MAIN VOLTAGE | STANDARD | 380 V | |
| OUTPUT POWER | MAX | 2.5 KW | |
| ENVIRONMENTAL CONDITION | | | |
| ROOM TEMPERATURE | °CELSIUS | 18~25 °CELSIUS | |
| RELATIVE HUMIDITY | % | 45~80% | |

ACTIVE INKJET SOLUTIONS CO₂ LASER ROTARY SCREEN STRIPPING MACHINE

AISRSSM-3200



FAST - EFFICIENT - EXCELLENT



SALIENT FEATURES

Eight Glass Laser Device of 150W insures the quality and speed of Screen Washing with Perfect Quality enables regeneration of old nickel screen.

DUST COLLECTOR SYSTEM

- High-pressure Vortex Blower and Dust Collector Hose.
- Suction Blower Power 2.2 kw, 380 V, 70 HZ Frequency.

CIRCULATING WATER COOLING SYSTEM

- It needs cooling water because Co2 mixed air produce a lot of heat when the ionization radiates laser.
- Airtight Circulating System to Save Water and ensure Water Quality.

REQUEST OF WORKING CONDITION

- Workshop Temperature 25°C
- Dust & Smoke Free Room (No Smoking) Environment Mandatory

| MODEL NO. | AISRSSM-3200 |
|--------------------------|---|
| PROCESSING SCREEN LENGTH | Max. 3200 mm - Min. 1000 mm |
| SCREEN CIRCUMFERENCE | 640 mm (819, 914, 1018 mm Optionally Available) |
| SCREEN MAKING LINE SPEED | 0.1 - 2.5 mm/ss |
| ROTATE SPEED | 100-300 RPM |
| RATED POWER OF LASER | 100 W |
| VOLTAGE | 380 V |
| ASSEMBLE MOTOR POWER | 6 kw |
| POWER SUPPLY FREQUENCY | 50/60 Hz |
| MACHINE WEIGHT (NET) | 1600 kg |
| Co2 GLASS LASER | C150 |
| MAIN FRAME SIZE | 4320 x 2550 x 1400 mm |

LASER SYSTEM

| | |
|---------------------------------|-------------|
| GENERAL OUTPUT POWER | 150 W |
| MAXIMUM EFFECTIVE POWER | 180 W |
| GENERAL POWER RANGE | 130 - 180 W |
| INPUT POWER | 2.5 kw |
| DC POWER VOLTAGE | 5% ± 1% V |
| DC POWER SUPPLY MAXIMUM | 25 A |
| ROOT MEAN SQUARE CURRENT | |
| DC POWER SUPPLY MAXIMUM CURRENT | 50 A |

| | |
|-----------------------|--------------|
| OTHER AVAILABLE MODEL | AISRSSM-2000 |
|-----------------------|--------------|

ACTIVE INKJET SOLUTIONS PIEZO ROTARY SCREEN ENGRAVER

AISRP-1800



This product is based on accurate focus and stability of System. It can realize high speed and high precision screen making with low cost.

| MODEL NO. | AISRP-1800 |
|--------------------------------|--|
| PRINT TECHNOLOGY | Epson DX5 |
| INK DELIVERY SYSTEM | Continuous ink supply systems with refillable reservoirs |
| MAXIMUM SCREEN LENGTH | 1950 mm |
| MAXIMUM PRINT LENGTH | 1800 mm |
| PRINT METHOD | Step print |
| SUPPORTED SCREEN CIRCUMFERENCE | 640mm / 820mm / 914mm / 1018mm |
| EXPOSING | Ultra violet exposing unit |
| SCREEN SECURING SYSTEM | Included |
| HEAD CLEANING | Automated head cleaning mechanism |
| PRINT RESOLUTION | Upto 1440 DPI |
| MEMORY | 128 MB |
| COMPUTER INTERFACE | Ethernet |
| ELECTRIC INPUT | 220 V AC \pm 10%, 50 Hz \pm 1 Hz |
| OPERATING ENVIRONMENT | Non-Condensing Temperature: 18° C to 24° C; Humidity: 50 to 65% RH |
| PRINT CONTROLLER | Photoprint RIP Software / Main Top |

OTHER AVAILABLE MODEL AISRP-3200

ACTIVE INKJET SOLUTIONS ROTARY SCREEN AUTO COATING MACHINE



LOW ELECTRICITY
CONSUMPTION

TECHNICAL SPECIFICATIONS:

- For all kinds of repeats from 640, 820, 914, 1018, 1450 and 1680 mm.
- PLC Controlled system which enables precise and uniform coating thickness
- High coating speed (max. 5 minutes per screen)
- Automatic operation, easy to use and clean
- Double squeegee enables reduced consumption of photo emulsion lacquer

PROS:

- Labour costs are drastically reduced. Employees can perform other tasks instead of spending hours at the tedious traditional method of screen hand coating.
- Simple to operate touch screen control system.
- An efficient and simple and trouble free operation by a single operator.
- Ensuring a subsequent trouble-free coating

OTHER AVAILABLE MODEL

From 2 metre to 3.5 metre long screen

ACTIVE INKJET SOLUTIONS ROTARY SCREEN DRYER



LOW ELECTRICITY
CONSUMPTION

1 Hour 15-16 Units Consumption



ULTRA SMOOTH &
SILENT FUNCTIONING

| MODEL NO. | AISRSD-3200 |
|-------------|-------------------------|
| CAPACITY | 9-10 Screens |
| MAX TEMP | Upto 170 degree celcius |
| HEAT SOURCE | Electric |
| LENGTH | 120 Inch Screens |
| PHASE | Three Phase |
| VOLTAGE | 440 V |
| FREQUENCY | 50 Hz |
| GRADE | Semi Automatic |

ACTIVE INKJET SOLUTIONS ROTARY END RING GLUEING MACHINE

AISEGM-3200



ONE MACHINE, MULTIPLE BENEFITS.

| MODEL NO. | AISEGM-3200 |
|---------------------------------|-------------------------------|
| FEATURES | PROS |
| FASTER PRODUCTION | SAVES ELECTRICITY |
| TIME SAVING | SAVES CHEMICALS |
| COST SAVING | SAVES EXCESSIVE LABOUR |
| FASTER ROI | SAVES SCREEN & INCREASES LIFE |
| TIME SAVING | SAVES TIME |
| LABOUR SAVING | SAVES ENDRING'S LIFE |
| ENDRING FIXING WITHIN 2 MINUTES | |

TECHNICAL SPECIFICATIONS:

- Endring Fixing is the prior requirement for perfect outcome.
- Active's Endring Fixing Machine Works on a Pneumatic Technology
- 6 Pneumatic Pumps to hold the Endring to get the perfect Grip for Fixing Endring
- Advanced Multi-Bulb Heating Technology to ensure the Fixing within Minutes

WHY TO WASTE THE SCREEN BY MANUAL REMOVAL,
WHEN YOU CAN REUSE IT BY OUR END RING
REMOVING MACHINE?

ROTARY SCREEN END RING REMOVING MACHINE

Yes, our innovative solution for removing the screen end ring will let you sustain the screens for a longer time by saving it from getting damaged due to the manual process. Solution that evokes productivity and saves money.

HOW IT WORKS

- Used in removing end ring and also increases the life of the screen
- The high capacity hot air flows over the glued areas and blade is designed relectily and screen is rotated easily and removes end ring
- Just in some moments the job is finished
- Reduces the Cost of Chemicals used



Time Saving



Money Saving



Energy Saving

TECHNICAL SPECIFICATION

- One centring fixed head
- Complete with accessories
- Adjustable cutting device
- Head adaptable to all type up to 1018mm
- Screen support available up to 640mm / 820mm / 914mm / 1018mm
- Applicable combo Stormac & Laxmi both
- Power: 2KW, Weight: 200-250kg approx



ROTARY SCREEN STRIPPER TANK 3.2 metre

FOR REUSING SCREENS FOR
PRINTING NEW DESIGNS BY
WASHING THE SCREENS
CHEMICALLY



SCREEN CHECKING & INSPECTION STAND



SCREEN INSPECTION STAND



SCREEN CHECKING STAND

FOR SCREEN CHECKING AND
INSPECTION AFTER PRINTING
THE DESIGN TO FIGURE OUT THE
ERRORS IN PRINTING

ACTIVE INKJET SOLUTIONS FLATBED BLUERAY SCREEN ENGRAVER



A high-tech essence integration of modern semiconductor laser, auxiliary mechanical manufacture with excellence in engraving precision.

| MODEL NO. | AISFB-1800 |
|-------------------------------|--|
| REPOSITIONING PRECISION | ± 20um |
| MAX FRAME OUTSIDE SIZE | 40" x 60" In |
| MACHINE SIZE | 2810 mm x 3750 mm x 1300 mm |
| WEIGHT | 1200 kg |
| PRECISION | 360 x 720 DPI, 720 x 720 DPI Upto 2540 DPI |
| SPEED (16/24/32/48/64 DIODES) | 360 x 720 DPI: 9 min./m ² , 720 x 720 DPI: 12 min./m ² |
| AMBIENT TEMPERATURE | 15°-30° C |
| FILE TYPE | TIFF, BMP |
| INTER FACE | USB 2.0/3.0 |
| AMBIENT HUMIDITY | 40-60% RH |
| VOLTAGE (FREQUENCY) | 380v/50 Hz/60Hz |
| SOFTWARE PLATFORM | Windows 7/10 |
| STANDARD APPENDIX | Computer |
| POWER | 2.5 Kw |
| SERVICE LIFE OF UV LAMP | About 3-5 years |
| UV LAMP ORIGIN | Made in Japan |
| MOTOR | Made in Japan |
| PANEL | Made in India |
| IMAGING SYSTEM | Independently developed by our Company |

ACTIVE INKJET SOLUTIONS PIEZO FLATBED INKJET ENGRAVER



It is available in ball screw as well as timing belt mechanisms. Its high print quality ensures non-stop runs.

| MODEL NO. | AISFP-1800 |
|-----------------------|--|
| PRINT TECHNOLOGY | Epson DX5 |
| INK DELIVERY SYSTEM | Continuous ink supply systems with refillable reservoirs |
| MAXIMUM PRINT WIDTH | 1800mm |
| PRINT LENGTH | 2000mm (As per requirement) |
| HEAD CLEANING | Automated print head cleaning mechanism |
| PRINT RESOLUTION | Upto 1440 DPI |
| MEMORY | 128 MB |
| COMPUTER INTERFACE | 10/100 Base-T (Ethernet) |
| ELECTRIC INPUT | 220 V AC ± 10%, 50 Hz ± 1 Hz |
| OPERATING ENVIRONMENT | Non-Condensing Temperature: 18° C to 24° C; Humidity: 50 to 65% RH |
| PRINT CONTROLLER | Photoprint RIP Software / Main Top |

FEATURES:

- Inbuilt U.V. Light for exposing. (It saves separate room for exposing the screen)
- Adjustable quality printing option with speed setting integrated.
- Head protection system with automated braking system.
- Automated temperature controller.
- Touch display H.M.I. for easy control.

ACTIVE INKJET SOLUTIONS PIEZO FLATBED INKJET ENGRAVER



It is available in ball screw as well as timing belt mechanisms. Its high print quality ensures non-stop runs.

| MODEL NO. | AISFP-3200 |
|-----------------------|--|
| PRINT TECHNOLOGY | Epson DX5 |
| INK DELIVERY SYSTEM | Continuous ink supply systems with refillable reservoirs |
| MAXIMUM PRINT WIDTH | 120" Inch |
| PRINT LENGTH | 150" Inch (As per requirement) |
| HEAD CLEANING | Automated print head cleaning mechanism |
| PRINT RESOLUTION | Upto 1440 DPI |
| MEMORY | 128 MB |
| COMPUTER INTERFACE | 10/100 Base-T (Ethernet) |
| ELECTRIC INPUT | 220 V AC \pm 10%, 50 Hz \pm 1 Hz |
| OPERATING ENVIRONMENT | Non-Condensing Temperature: 18° C to 24° C; Humidity: 50 to 65% RH |
| PRINT CONTROLLER | Photoprint RIP Software / Main Top |

FEATURES:

- Inbuilt U.V. Light for exposing. (It saves separate room for exposing the screen)
- Adjustable quality printing option with speed setting integrated.
- Head protection system with automated braking system.
- Automated temperature controller.
- Touch display H.M.I. for easy control.

ACTIVE INKJET SOLUTIONS FLATBED SCREEN STRETCHING MACHINE



This machine enables bolting cloth used in the manufacture of Printing Screen, stretched by applying uniform tension in wrap & weft sides.

| MODEL NO. | AIS-SSM3200 |
|--------------------|---------------------------------------|
| LENGTH | 5500 mm |
| WIDTH | 3700 mm |
| HEIGHT | 1000 mm |
| WORK | 3 Phase Induction Motors |
| MAXIMUM FRONT SIZE | 120" inch Width |
| STRETCHING | 160" inch Length |
| MECHANICAL WORK | Ball Scree & Chain Sprocket |
| GEAR BOX | Individual Gear Box for each Movement |

FEATURES:

- Motorized controls
- A Supporting board allows stretching many frames at the same time.
- No Contact between frame & mesh during stretching process.
- Simultaneous handling of several screen frames.

SCOPE OF SUPPLY:

- A rigidly stayed fabricated base frame work suitably designed for supporting of the screen fabric tensioning arrangement ,which comprises of the following:
- A series of pinned plates firmly attached to the stretching machine angular surface section, to retain the screen fabric wrap & weft while being tensioned.
 - Pair of mechanically controlled pinned rollers for stretching / tensioning of screen fabrics.
 - Mechanically controlled table for raising the table & accommodating various sizes of the screen.

WHY US? ★★★★★



COMMITMENT

We are committed to delivering efficient machinery and after-sales service as promised to the customer.



THOUGHT LEADERSHIP

To fulfill our Vision we are indulged into constant innovation. So we strive our best to think out of the box and dare to implement new solutions.



INTEGRITY

“Active” has a character ethical business practise. Either it is related to our customers, suppliers, team, or the society we make sure our decisions and practises are abide of rules and regulations.



RELATIONSHIP

Customers are our top most priority and we believe in building a long term relationship. Our culture at “Active” is bound of healthy and respectful relationships within and outside our organisation.

STRIVING HARD FOR CUSTOMER SATISFACTION



FAST AFTER SALES SERVICE GUARANTEED SOLUTION 24x7x365

Our machines are crafted to meet trouble less functioning for years and years if operated systematically. We know what happens when the machine faces technical breakdowns. Understanding the seriousness of your production cycle, we have introduced this to provide you with the super fast solution to any malfunction.

Much before jumping into the sales of Inkjet Machines. We involved ourselves in the practice of diagnosis. Our technical team is made up of the experience gathered through common troubleshooting problems.



Call



Diagnosis



Solution

OUR INSTALLATIONS ACROSS INDIA

| | |
|------------|----------|
| AHMEDABAD | LUDHIANA |
| ANKLESHWAR | MEERUT |
| AMRITSAR | MUMBAI |
| AMBERNATH | NAGPUR |
| BHIWANDI | PILKHUA |
| DELHI NCR | PANIPAT |
| ERODE | SURAT |
| GHAZIABAD | THANE |
| HYDERABAD | TIRUPPUR |
| KOLKATA | |

OVER **HUNDREDS** OF SUCCESSFUL INSTALLATIONS



SUPER ACTIVE TECHNICIAN

