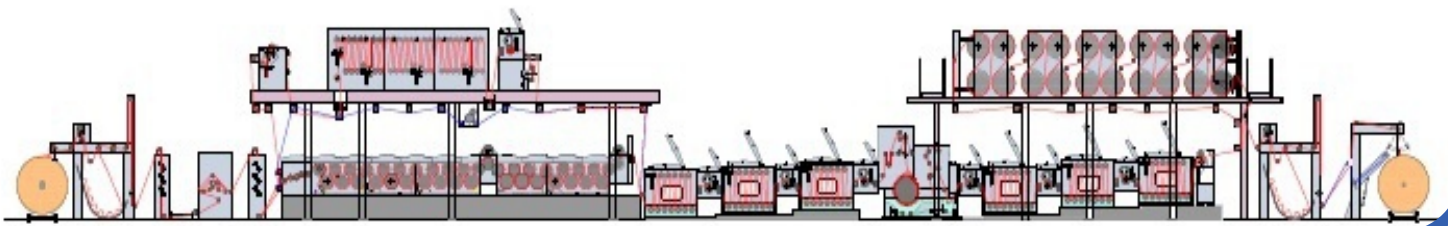


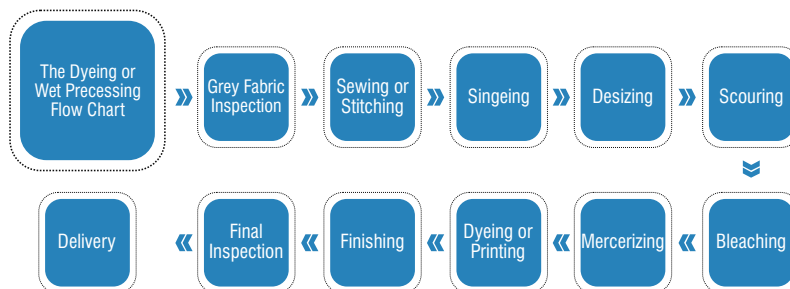


Shree Shakti Krupa Industries

Manufacturer of Textile Wet Processing Machinery and Equipments.



Singeing-Pad Steam-Merceriser-Print-Washer



Quality, Committment & service are only our "MOTTO"

We take this opportunity to introduce “**SHREE SHAKTI KRUPA INDUSTRIES**” as one of the pioneers in textile wet processing machineries established in 2017. We believe in quality, commitment and services.

The philosophy of “**SSKI**” is to offer the customer a leading edge technology and quality products in committed time.

“**Shree Shakti Krupa Industries**” has started manufacturing textile wet processing machines and serving the textile industries for woven & Knitted fabrics all over the world. **SSKI** offers almost the complete range of textile wet processing and finishing machines from scouring and bleaching to finishing for a variety of fabrics made from natural and synthetic fibers, including cotton, polyester, wool, viscose, silk and various types of fabrics like woven, knitted, terry, tubular knitted fabrics etc.

SSKI can offer 1000-3600 mm roller face machines and special purpose machines to suit any and all requirements.

We are enjoying with our process technologies, automation & services to customer. All projects are planned and designed by experts and self-experience of more than 25years in manufacturing of textile machinery out of that more than 20years experience as a Production head, Design head, Quality head & service head in German multinational company (Kuster Calico Machinery pvt .ltd)

We are ready to give everything whatever you need for textile wet processing with concepts for woven & knitted fabrics.

Our objective is to provide the textile industries with well proven machines for bleaching, mercerizing, CPB dyeing, washing and impregnation of delicate textiles, giving our customers great results and productivity with the lowest electric, water, steam and chemical consumption.

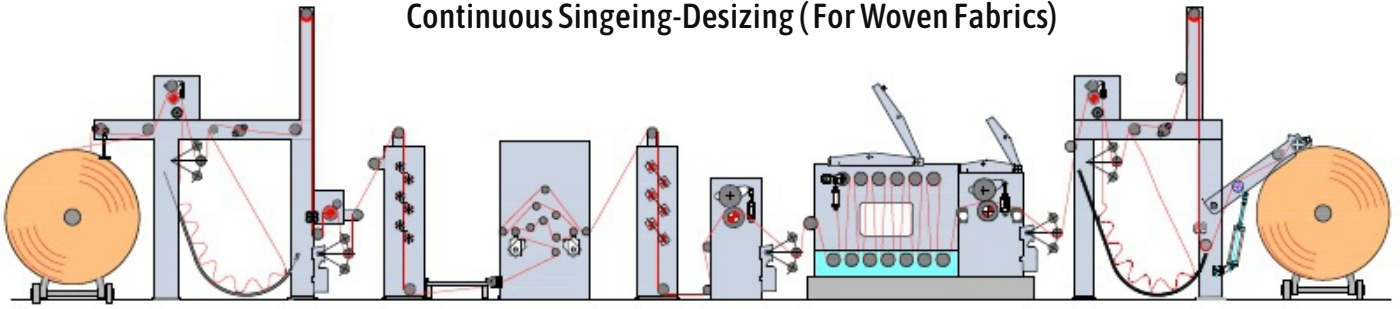
We have our own manufacturing & assembly facility at Vadodara.
Thanking you and assuring you our best and prompt service at all times.

Product Range:

1. Continuous Singeing Cum Desizing Range. (For Woven & Knitted Fabrics)
2. Continuous Bleaching Range.
3. Continuous Chainless Merceriser Range.
4. Cold Pad Batch. (For Woven & Knitted Fabrics)
5. Continuous Print washing Range. (For Woven & Knitted Fabrics)
6. Continuous Pad-steam Range.
7. Continuous Washing Range.(For Woven & Knitted Fabrics)
8. Continuous Drying Range.
9. Batch Rotating Station.



Continuous Singeing-Desizing (For Woven Fabrics)



Continuous Singeing Cum Desizing Range:

This Machine eliminates the hairy protruding fibers from the surface of the fabric which gets created in the process of weaving of the fabric. The singeing machines burn them off. This is a very controlled burning where only the extra fibers burn while the fabric remains intact.

Pre brushing Unit:

04 nos OR 06 nos nylon brush rollers. Effective removing of protruding fabrics. Adjustment of lifting intensity rollers by manual swiveling off brushing rollers by gear box.

Singe Unit:

Equipped with 02 burners to singe both sides in one pass or twice on one side, also offering three positions. All type of gas can be used. Mixing device for proportional gas-air ratio . Flame intensity adjustable as per fabric quality . Fast flame extinguishing system, scavenger control & automatic ignition .

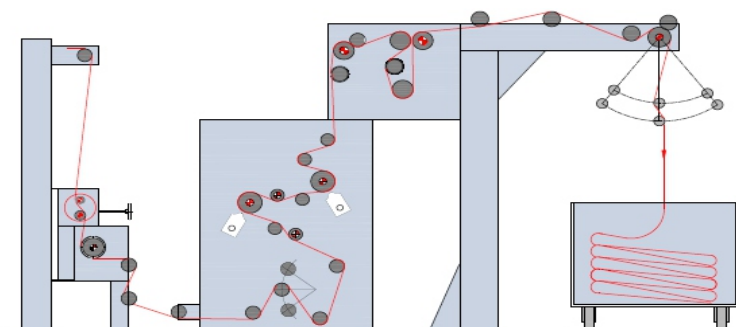
Post Beating:

04nos OR 06nos stainless steel beater rollers. Adjustment of cleaning intensity by manual swiveling off beating rollers and their degree. Removal of dust & burn particles over the entire width of fabric by vacuum channels.

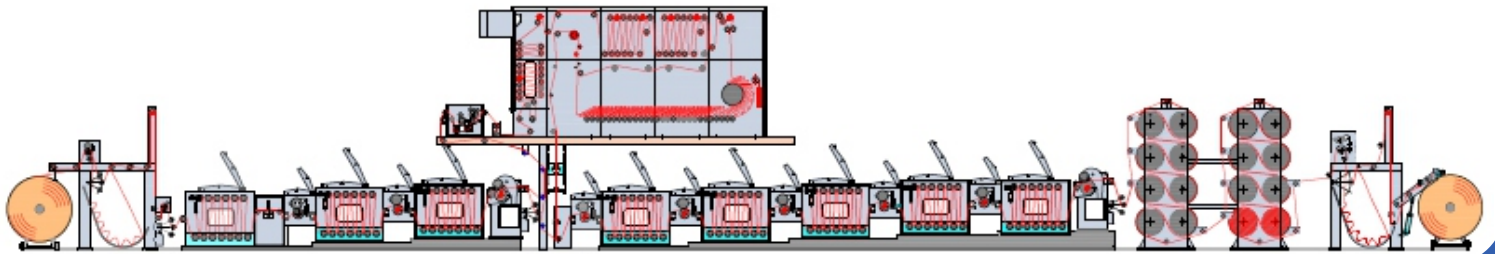
Desize Applicator:

Fully flooded stainless still housing for effective take up of the chemicals by the fabric Direct-Indirect heating systems with rotary drum filter & circulation pump. Pendulum compensator to adjust the fabric tension.

Continuous Singeing Range (For Knitted Fabrics)



Continuous Bleaching Range:



Continuous Bleaching Range:

The bleaching of fabric gets its brightness that is evenly spread in the entire width of fabric. In this machine the fabric is treated with bleaching chemical and then it is steamed. This helps to increase the whiteness of the fabric so that it prepares for better dyeing.

Vacuum slot:

Removal of substances before entering in to washing compartment. Our systems are designed to obtain a correct venturi effect in order to extract the maximum level of humidity from the fabric. The vacuum slot is made with a unique high density polymer and is self-lubricated to ensure maximum humidity extractor without damage to the fabric structure. We are using high performance, low energy consumption and low maintenance vacuum pump.

Chemical Applicator:

Housing with stainless steel construction. Maximum liquor application, No liquor exchange, Minimum liquor content & Uniform feed at both side of fabric over the width. Having Auto cleaning & Minimum temperature reduction of fabric.

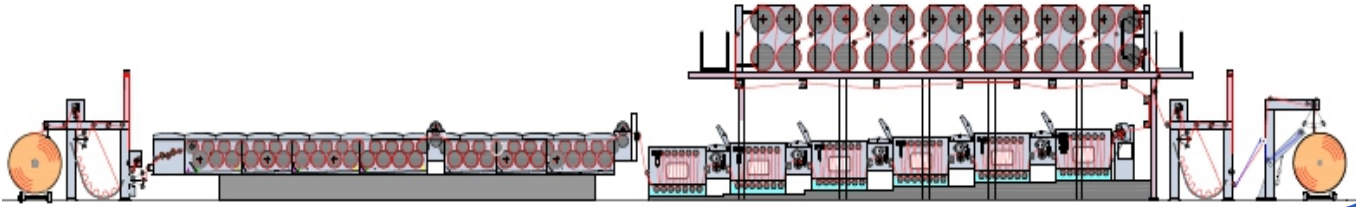
We can use in front of the bleaching steamer for bleaching liquor application & in front of dyeing steamer for application of dye liquors/chemicals.

Bleaching Steamer:

Steaming is an important process in textile finishing like in dyeing plant & pretreatment. Steam allows fast energy transfer in to fiber. SSKI bleaching perform the bleaching process in optimum condition that guarantee a whiteness of fabric and high degree of absorbency.

Housing construction from stainless steel material with segment construction. Inlet section with inclined / horizontal cloth guiding. Middle section with vertical cloth guiding . Driven perforated pulling roll and pendulum compensator for control the tension of fabric . Spray nozzles for cleaning & rapid cool down. Steam regulation by steam generation unit . Small distance between the guide rollers for prevention of crease. There are two sections, one is tight strand and other is roller bed. In tight strand section, the impregnated fabric with the liquor is heated up as per requirement and on roller bed section, we maintain sufficient dwell time for reaction purpose.

Continuous Mercerizing Range



Chainless Mercerizing Machine:

“SSKI” Mercerizing machine are designed to optimized the specific fabric quality & process requirement for cold/hot mercerizing for the dry on wet process. Mercerizing ensures that each yarn is activated to give the fabric a superior touch feel and luster in its outlook. This process adds value to the fabric and also prepares for a superior dyeing/printing result.

- Even fabric appearance.
- Maximum color brilliants
- Optimized dimensional stability.
- Increased tensile strength.
- Saving dye stuff.
- Highest level of fabric luster.

Impregnating Section:

- Housing segments from stainless steel material.
- All bottom rolls are fixed and rotates on pedestal type sealed bearings
- Rotary drum filter with circulation pump & level management.
- Automation for caustic level.
- Indirect heating for caustic for hot mercerization.
- Caustic spray pipe between top two rubber rollers.
- Heavy two bowl mangle at the outlet.
- Very low width shrinkage.

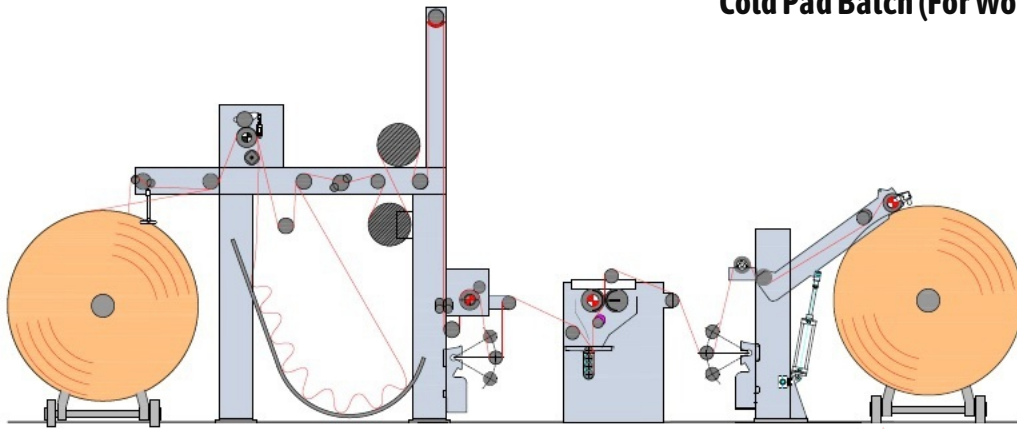
Stabilizing Section:

- Housing segments from stainless steel material.
- All bottom rolls are fixed and rotates on pedestal type sealed bearings
- Counter flow washing with rotary drum filter and circulation pump.
- System for better recovery of caustic.
- Indirect heating for caustic for hot mercerization.
- Washed water spray pipes between top two rubber rollers.
- Heavy two bowl mangle at the outlet.

Lye Recuperator:

- Housing consists of a stainless steel material sub divided in to compartment.
- All top & bottom guide rollers in high execution.
- Perforated steam pipes are provided which allow steam to be blown in to the space between the cloth passage and providing a sufficient removal of caustic with steam.

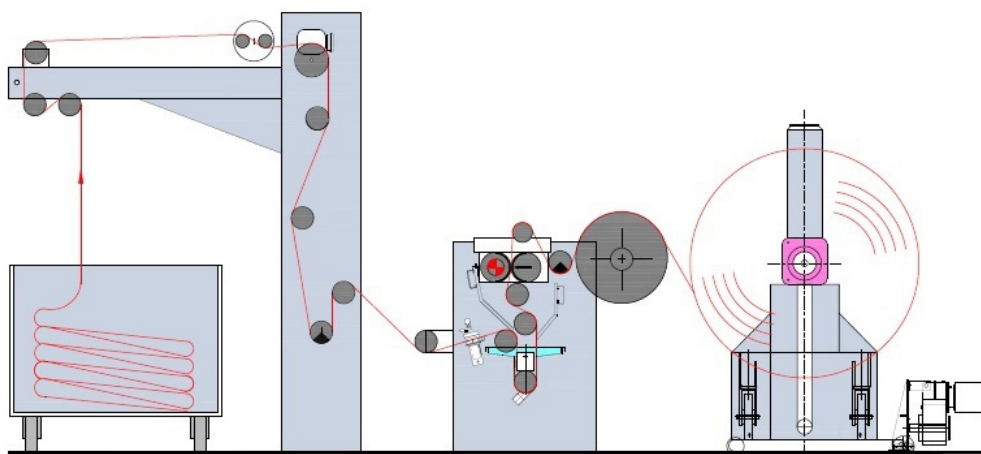
Cold Pad Batch (For Woven Fabric)



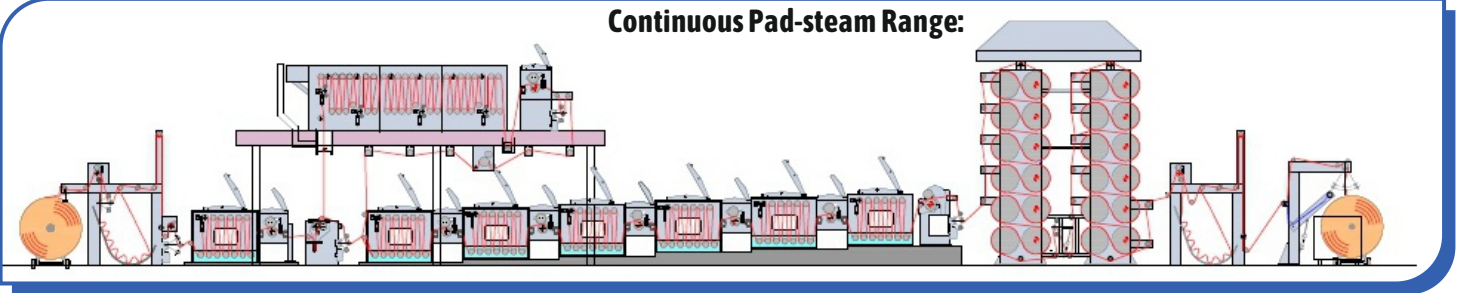
Cold Pad Batch:

- This a dyeing machine. Both roll is the most crucial component since it squeezes the open fabric evenly along it's width there by elimination shade variation.
- Uniform linear pressure over the entire roller width.
- Optimum nip control by two rolls with continuous deflection control by giving maximum flexibility when combined with color and moisture measurement system.
- Service free pressure application unit.
- Dye liquor trough, lifted and lowered pneumatically.
- Online dosing system for optimum control of the dye liquor.
- Quick auto cleaning by PLC controlled.
- Controlled even and uneven linear pressure.

Cold Pad Batch (For Knits Fabric)



Continuous Pad-steam Range:



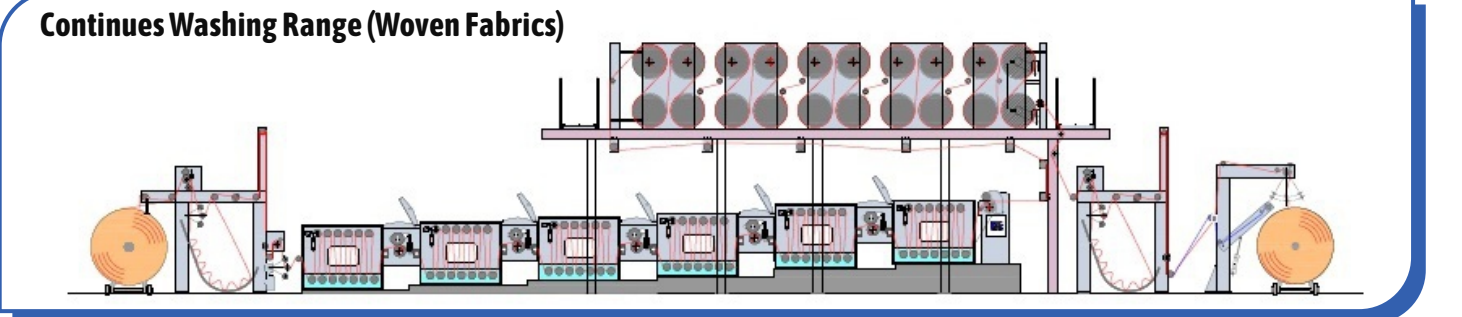
Continuous Pad-steam Range:

This is also a dyeing machine. While the cold pad batch is a batch machine, Pad steam machine is continuous dyeing technology for achieving even and reproducible results.

Dyeing steamer:

- By using cloud control can achieve perfectly saturated steam.
- Prevention of water drops by providing indirect heating on roof.
- Specially designed entry and exit to prevent either air entering the steamer or unnecessary loss of steam.
- Spraying system for quick cleaning and cooling down.
- Driven perforated pulling roll.
- Even tensile force due to adjustable pneumatically loaded dancer rollers.

Continues Washing Range (Woven Fabrics)



Washing Range (Woven Fabrics):

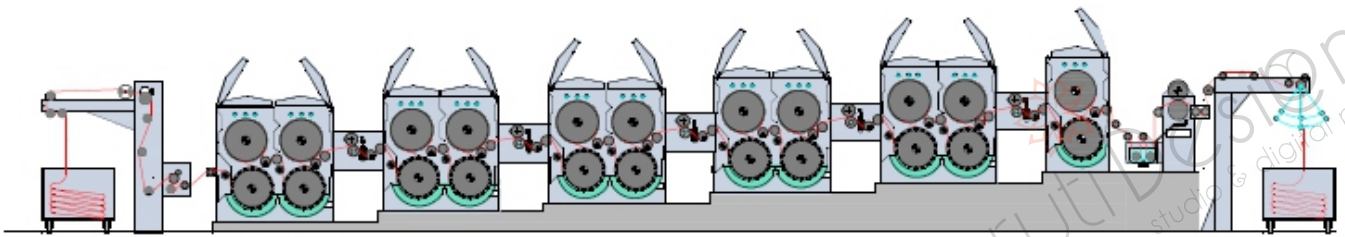
The finishing of textiles is obtained by means of chemical and mechanical process. The process contains always the impregnation, reaction and the subsequent washing. This is especially the case for finishing processes like bleaching, mercerizing and the washing off after the dyeing & printing. Thus the washing process is of significant importance within the chain of textile finishing. The final result in washing is depending on 4 major parameters. Chemistry, temperature, time & mechanic in use.

The chemistry, with the correct selection of the product in relation to the level of pollution, type of fabric and application. Temperature is an important cleaning factor where washing process are carried out. The mechanics, without which no efficient cleaning can take place, must be taken into account in the design. Washing process respectively the separation of solid and chemical impurities is a time related process.

“SSKI” washing compartment consists of a stainless steel trough with low liquor contents, partition can be provided to obtain effective counter current flow of water. The washed fabric comes in contact with fresh water which improves washing efficiency. There is high liquor turbulence with quick liquor exchange resulting in effective removal of dissolved chemicals and impurities.

- Top guide rollers 177dia are fixed in bearings with seal.
- Bottom guide rollers 177dia. are fixed in Carbon-Teflon self-lubricated bearing
- Compartment is equipped with direct-indirect heating arrangement.
- Dancer roll assembly for control the tension of fabric.

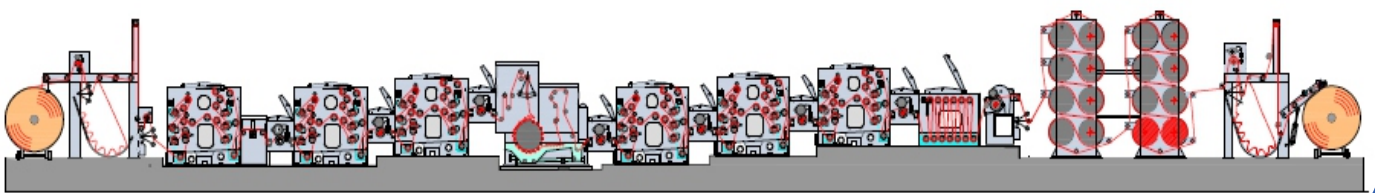
Continuous Washing Range (Knits Fabrics)



Washing Range (Knits Fabrics)

Excellent washing effect is due to the leading drum technology. The washing liquor penetrates the fabrics and forms a liquor flow on the front and back. With this method, dirt on the both side of fabric is quickly transported away. The washing effect is increased by 35-40% in perforated drum design with direct pressurized hot water jet spray breaks the hardness of closely knits fabrics. The hot water jet spray on top side of the fabric on the roller ensure optimum shrinkage which results in better feel, bulkiness, better finish and appearance of polyester viscose fabrics.

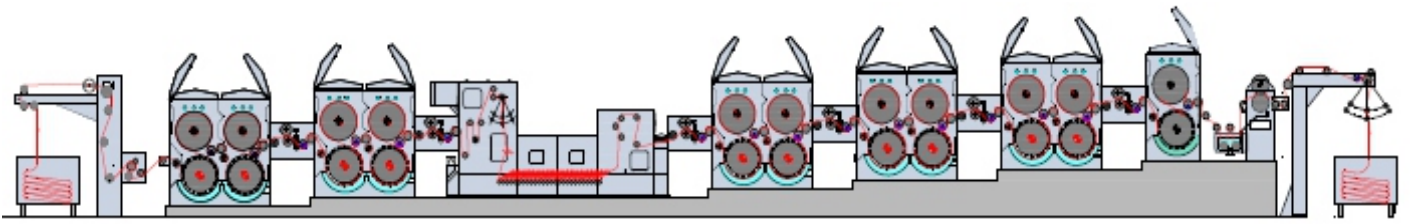
Continuous Print washing Range (Woven Fabrics)



Continuous Print washing Range (Woven Fabrics):

To achieve a sufficient wash, water and wear fastness, the fabric has to stay a certain time in water at boiling point. Objective of this washing process is to bring the unfixed residual dye in the core of the fibers to the fabric surface and to remove it. Time and temperature are main factors in this process. These washing processes to achieve fastness cannot be realized for full satisfaction by using common up & down washing compartment. The cloth requires 2-6min for soaping after CPB-dyeing and up to 12min for washing after reactive post printing as well as also the investment is much to high

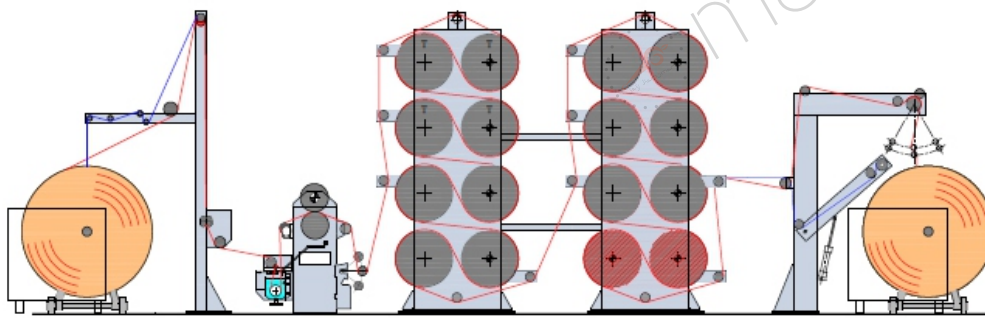
Continuous Print Washing Range (Knits Fabrics)



Continuous Print washing range (Knits Fabrics):

Open width close washer is used for effective scouring process on roller bed conveyors. Suitable for all types of woven and knitted fabrics of 100% polyester. Fabric is piled on the top of the roller bed, with direct steam jet spray and pressurized hot water jet spray alternatively which breaks the hardness of closely woven fabrics. The combined effect of fabric movement in relaxed condition under hot water bath and hot water jet spray on top side of the fabric on the roller bed ensure optimum shrinkage which results in better feel, bulkiness, better finish and appearance of polyester viscose fabrics.

Continuous Drying Range

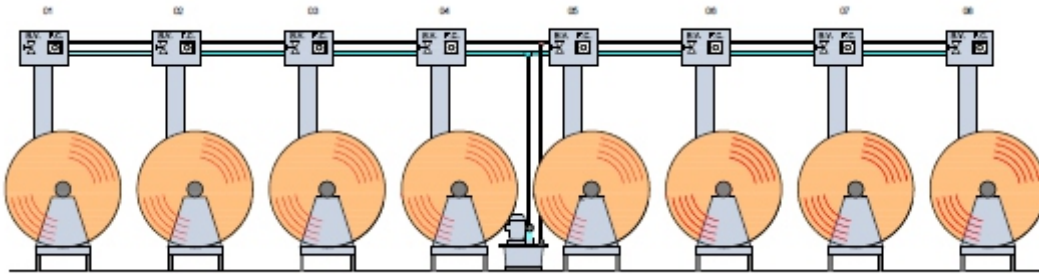


Continuous Drying range:

Cylinder drying ranges are the simplest but amongst the most important machine used in textile process house. The cylinders can be installed in stacks of 06, 08, 10 & 12 cylinders in vertical as well as in horizontal 04 cylinder stacks and with one, two, three or more.

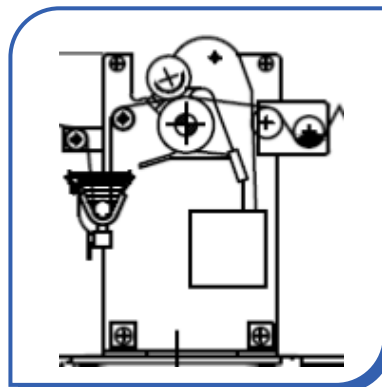
- High speed drying ranges are usually provided with an AC inverter controlled drive alternate/Individual.
- Efficient condensate removal from the cylinders through a trap, coupled with dry saturated steam feeding, ensures excellent performance of the cylinder drying range.
- "SSKI" drying ranges are equipped with rotary joints of adequate size for steam feeding and condensate removal and a specially designed trapping system with individual traps for efficient removal of condensate water.
- 600/800 dia drying cylinder from 2.5thk SS304 material.
- Steel trunnions truly machined are bolted to the cylinder ends. Each cylinder is provided with vacuum breaker valve and also fitted with anti-collapsible rings.
- For condensate recovery system, each cylinder is provided float type steam trap.
- The steam supply header is provided with an air vent and a steam on/off valve.
- 01 revolving expander at entry of each stake.

Batch Rotating Station



Batch Rotating Station

- Suitable for handling 06/08 batches (Maximum batch dia of 1800mm for 1800mm to 3400mm working width)
- One Hydraulic Power Pack with Oil Pump, Coupled to 3/5 HP motor, pressure gauge, relief valve etc.
- Each station contains:
 - One Hydraulic Oil motor with quick coupling.
 - One Valve for starting/stopping station.
 - One Flow Control valve on each station.
 - Two Hydraulic hoses.



Linear pressure 50N/mm.

- Uniform padding pressure across the fabric width, short cloth passage with extreme low fabric tension.
- Drive roller is the press roller and the driven roller can be shifted upwards.
- Gap pressure higher on the left than on the right and in the middle.
- Gap pressure higher on the edges than in the middle.
- Gap pressure uniform over the whole roller width.
- Gap pressure higher on the right than on the left and in the middle.
- Gap pressure higher in the middle than on the edges.

Why Buy From Us?

- Highly committed for Vision, Mission and Core values.
- Consistent Quality, Continuous and Continual Improvement.
- Professional, well experienced Team.
- Standard and Customized product as per Customer need.
- Competitive cost with best quality.
- Team for Onsite/Off site/Online Servicing.
- Strongly believe in Customer & Commitment.

Key Factors:

- Delivery commitment, adherence and execution skill.
- Wide supplier base database in Indian market as well as in abroad.
- Technically. Strategically and tactically sound team.
- Positive and innovative approach.
- Deliver products and services at right price and with best quality.

Our Vision:

- We want to become a globally preferred manufacturer & exporter of textile wet processing machinery with deeply focus on integrity, safety, quality, cost, delivery and service.

Our Mission:

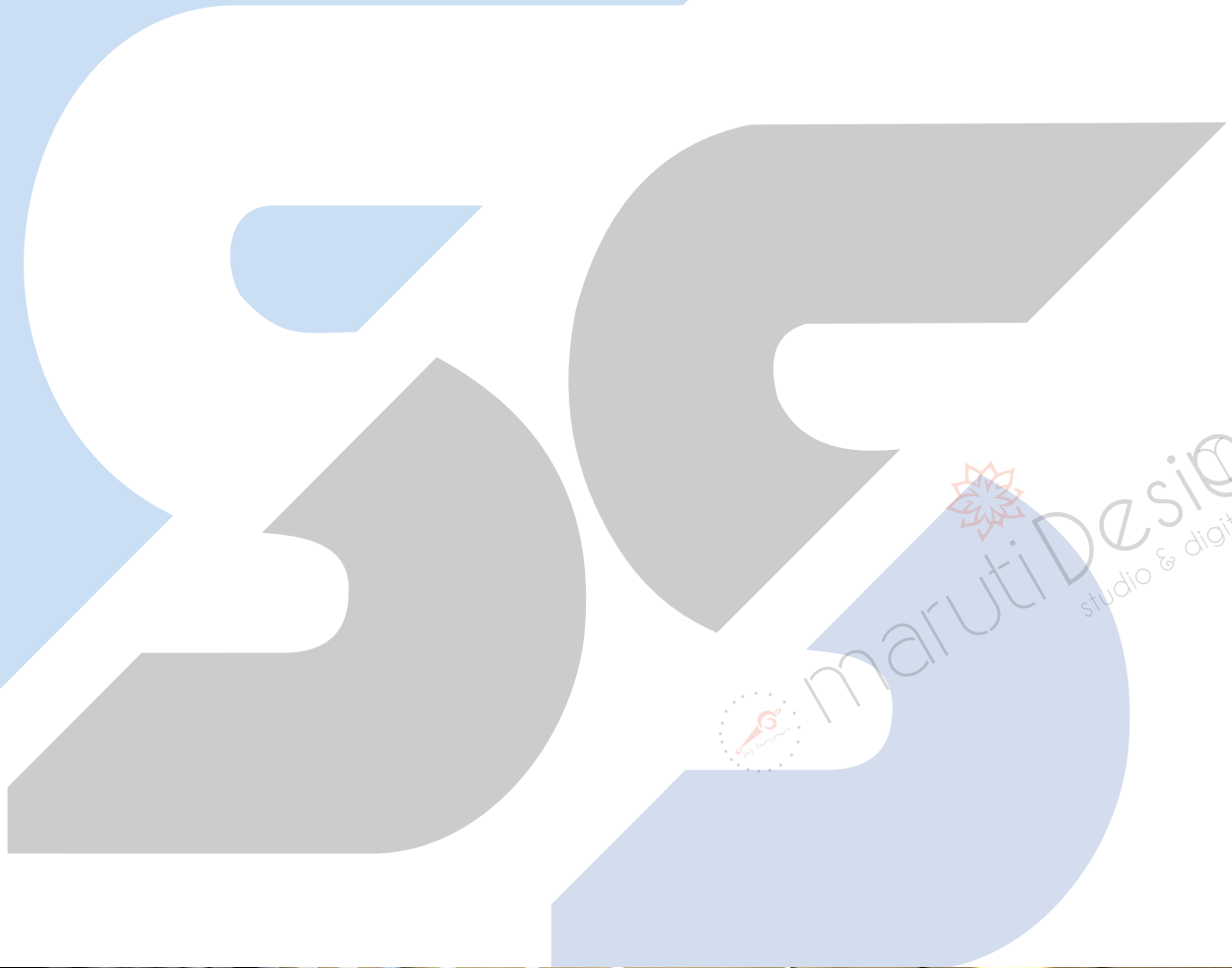
- Provide high quality, quick delivery, high performance and excellence service to our customers.
- Use our knowledge and skill to deliver industry best product with full dedication and spirit.
- Aim to develop and improve products and services by translating the customer's requirements in to the domain of product, design and process.
- Aim to assure after sales assistance within time to customers through well experienced skills.

Our Promise and Commitments:

- We promise to meet customer requirements by using our collective wide network, resources and experiences.
- We promise to deliver best products and services to customers with full integrity and dedication.
- We promise to educate our suppliers and employees to ensure customer required quality.

Wisdom Tree:

- **Knowledge/Experience:** With knowledge we know the words, but with experience we know the meaning.
- **Commitment:** Even a fool can accomplish a task if it were after his or her heart. But the intelligent ones are those who can convert every work in to one that suits their heart.
- **Education:** Education is the manifestation of an already perfection already man.
- **Work:** Every duty is holy, and devotion to duty is the highest form of the worship of God. When you are doing any work, do not think of anything beyond. Do it as the highest worship and devote your whole life to it for the time being.
- **Character:** Neither money pays, nor name, nor fame, nor learning, but it is character that can lead us through difficult walls of difficulties.
- **Team work:** Society does not go down because of the activities of criminals but because of the in-activities of the good people.
- **Maturity:** It is good to be born child, but bad to remain a child.



Shree Shakti Krupa Industries

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