



**Innovations
for
Profitability & Sustainability**

Eco-Scour

Continuous Scouring and De-oiling for KNITS inline with Stenter



'Scouring' - Key to efficient dyeing and finishing.

Scouring is the process of removing waxes, fats, gums, fluffs, oils etc. from the fabric. It is essential to remove all the impurities to produce good quality fabric. These impurities not only make the fabric hydrophobic but they also create serious problems in all the processing steps, starting with heat setting on the stenter. Hence it becomes absolutely necessary to remove the impurities on the knitted fabric to ensure the fabric is ready for uniform dyeing by rendering it clean and hydrophilic. Besides, oil gets accumulated in the stenter ducts making it hazardous. Also there is dripping of the oil on fabric. Effective scouring reduces drastically the accumulation of these oils in the stenter ducts thereby reducing fire accidents and eliminate the dripping of oil.

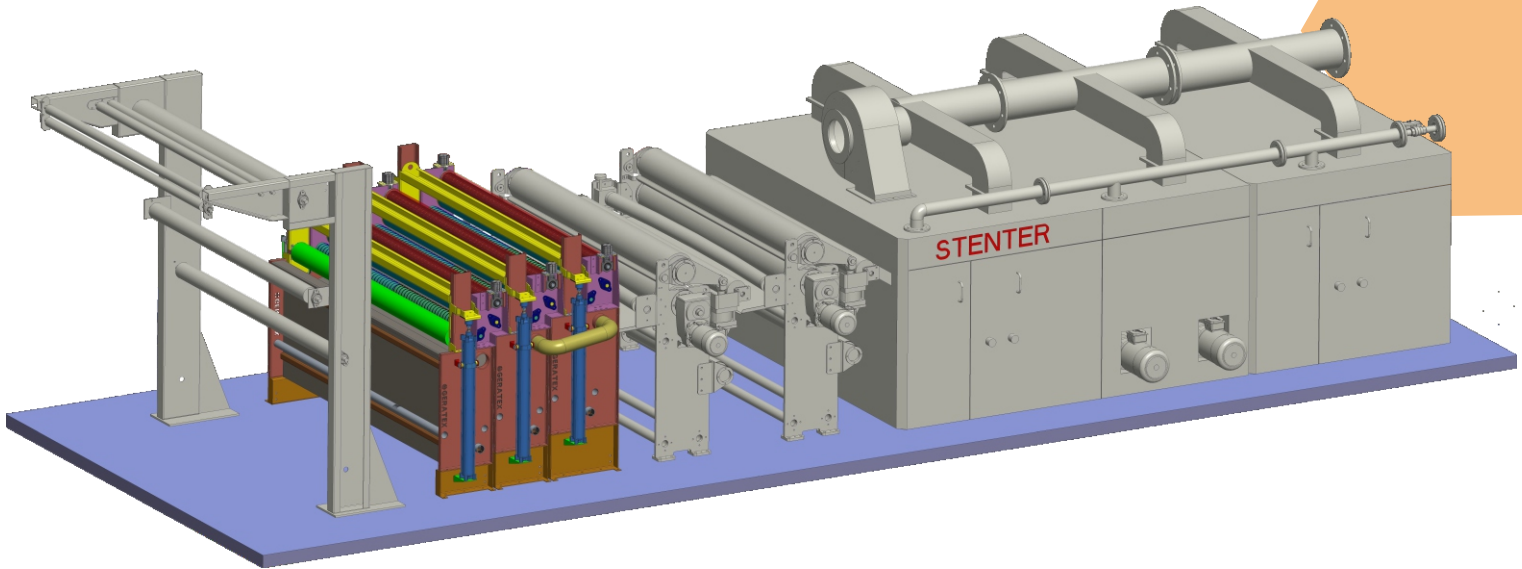
GERATEX Solution for continuous scouring

Geratex's scouring line has been designed and perfected to meet the requirements of removing the impurities efficiently. This open width unit having unique compact design wriggles out the residuals, oils and other impurities from the core of fabric. Our highly effective solution ensures a thorough scouring and improving the characteristics of the products.



Geratex Scouring line installed in Germany

GERATEX Continuous Scouring and De-Oiling for KNITS



Salient Features

- Very compact, can be integrated on existing stenters. Need only one metre space
- High efficiency washing with our patented ultrasonic technology *
- Removes oils, waxes, fats, fluffs, greases and other impurities
- Water consumption of 3 liters/kg
- Water temp. of 55°C
- Tension and crease free running of all varieties of knits
- No special chemicals required. Readily available scouring chemicals can be used
- Maintenance free and easy to operate, no special skills required

Benefits

- Very efficient de-oiling and scouring
- Eliminates the risk of oil droppings in the stenter
- Eliminates the risk of fire accidents on stenter
- Reduces the cleaning of stenters, thereby increasing the utilisation of stenters and increasing their productivity of the stenters
- Reduces the time on the subsequent process on soft flow by at least one hour
- Water savings up to 15 liters/Kg of fabric in soft flow
- Steam saving of atleast 1Kg/Kg of fabric in soft flow
- Uniformity, repeatability, consistent and enhanced quality of the fabrics
- Reduced elongation, distortion, spirality & hairiness

ABOUT GERATEX

GERATEX is a innovative manufacturer of wet processing machines having supplied to various textile companies spread across the globe. It is a gen-next company and is continuously engaged in finding ecological and economical beneficial solutions for the textile world. Our first machine, SONICWASH™ was installed 2016 and since then there have been several installation across the world viz. Brazil, Turkey, Germany, Norway etc. These washing units are installed for various application like dyeing, mercerizing, bleaching etc.

Geratex has a team of experienced technocrats who are involved all through conception, to design and execution of wet processing ranges. Our focus remains that we deliver profitable & sustainable machine.



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