

RESPECT. RESPONSIBILITY. REVOLUTION.

weko

TOGETHER TOWARDS A MORE SUSTAINABLE DENIM INDUSTRY

WEKO-NEO could be placed on any section of a slasher or loop dyeing range. In pre-treatment or preparation area, dyeing or washing area. Also the number of applicators is unlimited. The compact design leads to an easy implementation.

-  FASHION EFFECT
-  BOTTOMING TOPPING
-  CHEMICAL OXIDATION
-  COLOR FIXATION
-  PU-/ACRYLIC COATING

DENIM YARN DYEING WITH WEKO-NEO

New innovative, contact-free and water-reduced application is revolutionizing the whole DENIM yarn dyeing process. Reducing the number of dyeing and washing baths as well as fresh and waste water and auxiliary consumption the industry could move a big step forward towards a more sustainable and resource saving future.

Create a wide variety of easy reproducible color shades and multiple colors in a single run and boost your productivity through non-stop change-over from dye set to dye set. Eliminate tailing at the beginning of dye-sets or after stops. Get an easy to operate and stable production even on very short production lots. Improve color and washing fastness properties by optimal processing.



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BE UNIQUE, PROFITABLE AND SUSTAINABLE!

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NEO

SAVE UP TO

- **80% FRESH / WASTE WATER**
- **40% AUXILIARIES**
- **90% YARN WASTE ON JOB CHANGE OVER**

ELIMINATE

- **TAILING**
- **CENTER-SIDE-VARIATION**
- **PROBLEMS IN REPRODUCIBILITY**

REDUCE

- **PCF**
- **MATERIAL STRESS**
- **BATH CONTAMINATION**

RAISE

- **YOUR PRODUCT RANGE**
- **MACHINE UPTIME**
- **PROFITABILITY**

DENIM CONTINUOUS YARN DYEING

DENIM applications on continuous warp dyeing e.g. slasher and loop dyeing ranges.

Aims

In today's processes 400 – 1200 Liter of dyeing and washing bath volumes are typically. Also permanently re-feeding of fresh dyestuffs, chemicals and auxiliaries or water is needed during processing to keep quality result on a stable level from start to stop. Draining all the dye bathes, especially sulphur and reactive, results in high water treatment volumes and costs after each production lot and wasting our natural resources of fresh water. Changing a bottoming or topping color on the same yarn sheet is costing you 1,5 - 2 hours downtime and 400 – 1000 meter of wasted yarn. A chance of producing minimum one or two thousand meters or even more with shade variation at the beginning of each dyeset resulting in loss of considerable fresh packing in production. Forget about all this and go towards a more cost efficient and sustainable DENIM production process – go the WEKO way.

Help your product development team by reducing the development cost in terms of reducing the length of trial run – Forget about

the essential requirement of running longer dyeset length with different topping or bottoming color or shade depth or self color.

By using our new **WEKO-NEO** contact-free homogenous spray applicators bath draining after using is 25-50 liters only and chemistry is not contaminated – so easy to use again if storable. Due to non-contact application a washing in between Indigo dye bathes and topping is not needed and saves a lot of water as well as a complete washing box for other processes. Also an application of different colors on the same job is possible as colors could not be mixed up in the dye bathes. This gives you new fashion effects which could not be copied by classical production processes. With our WEKO Non-stop changeover function you could change bottoming/topping colors on a running slasher or loop line by wasting max. 60 meter of Yarn and drive your profitability on short production lots strongly upwards. Create high efficient Sandwich-Dye-Process by using only **WEKO-NEO** applicators.

BE THE MOST LIKED BRAND SUPPLIER!



YOUR BENEFITS

- Non-Stop change over
- No tailing
- Raised product fastness
- Reduced reddish (Indigo / Sulfur dyeing)
- Less no. of dye and washing bathes
- Stable and precise production
- Minimum waste

APPLICATIONS

- Topping
- Bottoming
- Color-DENIM
- Black-DENIM
- Fixation
- Chemical oxidation
- Whatever you need

