



WARP PREPARATION

PRODYE-R

Evolution in indigo rope dyeing

Your benefit



Reduced number of vats

The design of the dyeing vat (type DV) allows you to attain a darker indigo shade with only nine boxes. Due to the shorter dye section, the total volume of the dye bath is drastically reduced.



Less chemicals

The indigo circulation system with high flow rate and low speed combined with the closed design of dyeing vats allow savings of up to 20% of hydro and caustic soda.



High rebeaming efficiency

Around 15 to 20% higher output in rebeaming – thanks to perfect tension control during the entire process and the programmable coiler.

PRODYE-R

Technical data

Working width
2400 mm

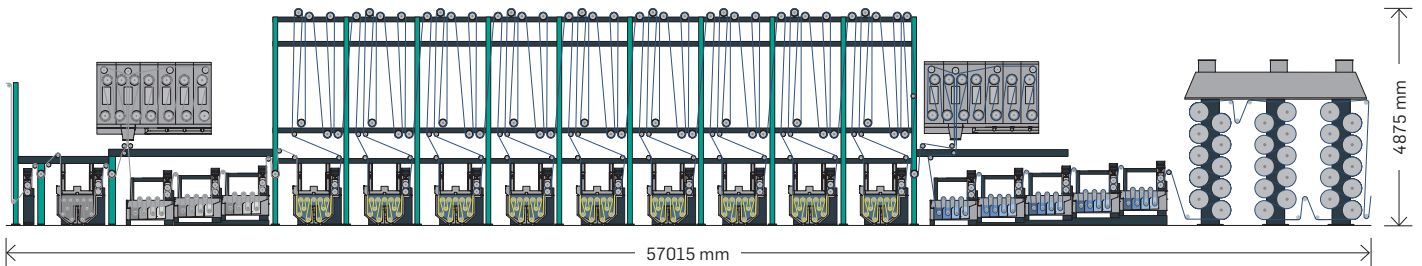
No. of ropes
24 ÷ 40

Mechanical speed
up to 50 m/min.

Oxidation
35–60 m

Dye vat volume
2770 l

Steamer
Optional 40 m



Bright colour shade

The indigo dyestuff has an extremely solid physical bond achieved by a better exchange rate – thanks to the 11.2 m dwelling in the indigo vat and fluted rollers in the sky oxidation.

Homogeneous build-up of ropes

Perfect tension control by a combination of load cells and dancing rollers during the entire process.

Final dryer with single-motor drive system to keep the correct elasticity of the yarn.

Coiler with linear bars offers the highest degree of flexibility and ensures a uniform storage of the ropes in the cans.



Excellent washing results

Saving water with special cascade design in ECO wash and the fluted rollers dropping effect