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.
**PRODYÉ-R**

**Technical data**

<table>
<thead>
<tr>
<th>Working width</th>
<th>No. of ropes</th>
<th>Mechanical speed</th>
<th>Oxidation</th>
<th>Dye vat volume</th>
<th>Steamer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2400 mm</td>
<td>24 ÷ 40</td>
<td>up to 50 m/min.</td>
<td>35–60 m</td>
<td>2770 l</td>
<td>Optional 40 m</td>
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</tbody>
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- **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.