



WARP PREPARATION

## PRODYE-S

### Advanced technology in indigo slasher 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 eight 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 weaving efficiency

Thanks to perfect tension control during the entire process preserving the yarn elasticity.

# PRODYE-S

## Technical data

**Working width**  
1800 - 2000 mm

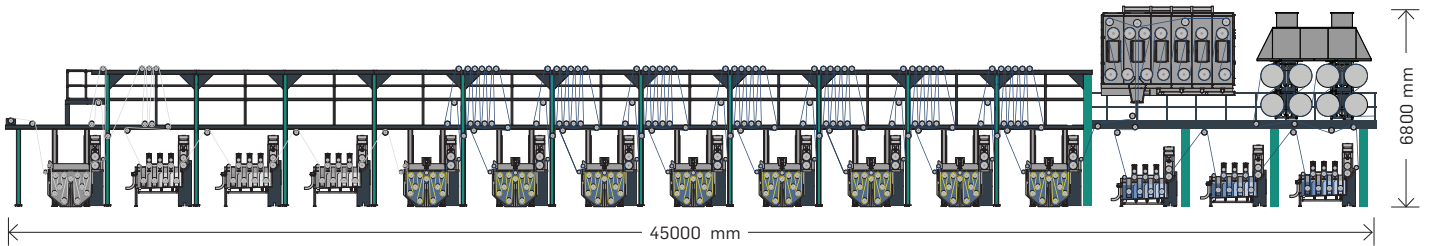
**No. of beams**  
12 ÷ 20

**Mechanical speed**  
up to 50 m/min.

**Oxidation**  
35–45 m

**Dye vat volume**  
1970 l

**Steamer**  
Optional 40 m



### Double Vario

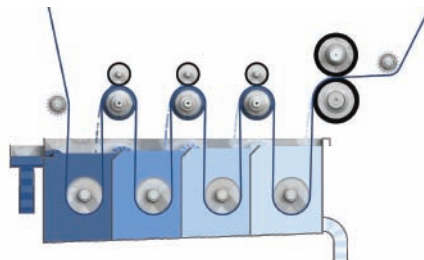
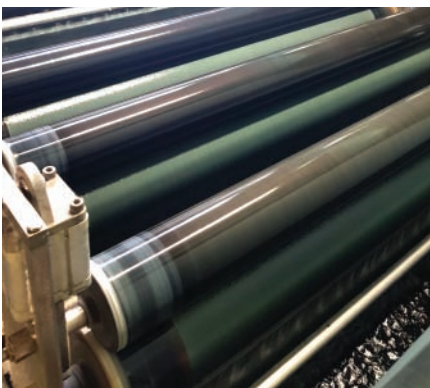
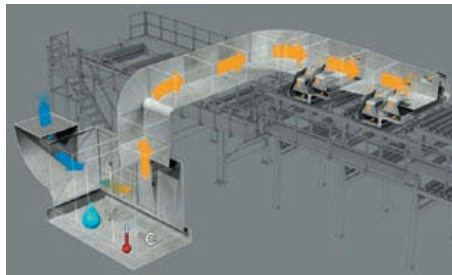
- Longest Dwelling in slasher technology (11.2m)
- Integrated roller-lifting device, easier yarn rearing, better cleaning and maintenance, less preparation time
- perfect bath circulation with cross-flow system for uniform dyeing result

### Quick Oxidation

- Increased dyestuff pick-up with hot airflow
- 30% reduction in oxidation length
- Less yarn waste and better tone uniformity of the warp sheet

### Double Head System

In the case of lightweight denim (<200 g/m in warp), the double head system enables productivity to be doubled. With this unique feature, KARL MAYER is able to guarantee a perfect and uniform dye process with yarn density up to 140%



### Excellent washing results

Saving water with special cascade design in ECO wash and the intermediate squeezing rollers.