



WARP PREPARATION

PROSIZE®

An innovative breakthrough in sizing

Your benefit



Size saving

The turbulent size application and the sponge effect allow reduction of the size add-on up to 10%



Minimum yarn stretch

The short wet-application zone with 100% bonded yarn transport and Soft-Dry system ensure lowest yarn elongation in the sizing process



High weaving efficiency

Top weaving performance through absolute size liquor homogeneity, low hairiness, less dust and no stop marks

Technical data

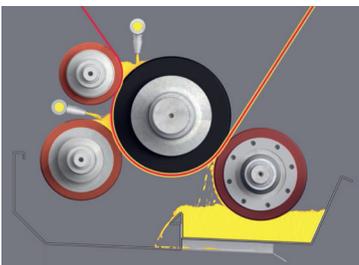
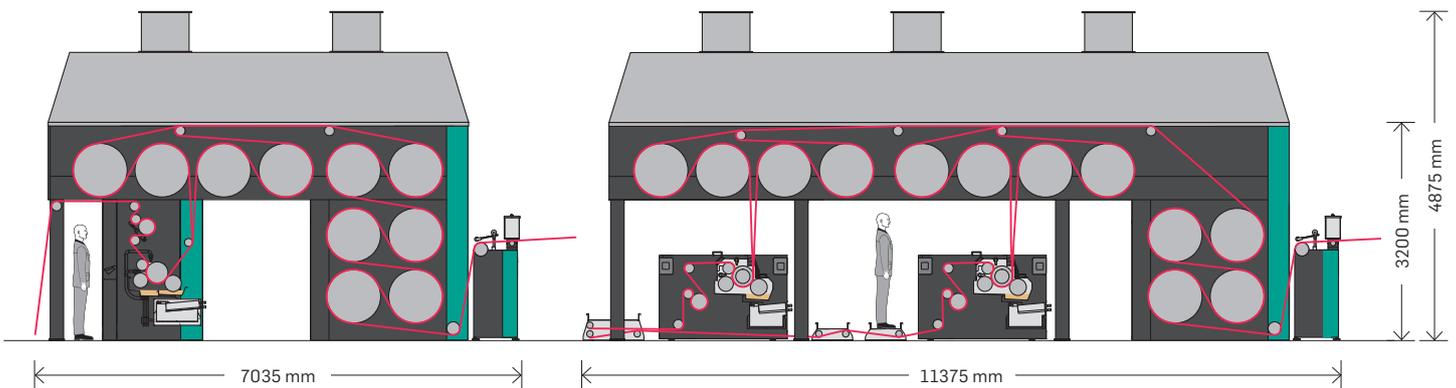
| Back beam diameter | Working width | Speed | Winding tension | Size box type |
|-----------------------|--|---------------------------------|---|----------------------|
| 800 / 1000 / 1250 mm | 1800–2400 mm (HSB) 1800–3200 mm (VSB) | 160 m/min 200 m/min (option) | 6000 N 8000 N (option) 12000 N (option) | VSB HSB HSB-PW |
| Loom beam diameter | Beaming working width | | | |
| 1016 / 1100 / 1250 mm | 2600 ÷ 4000 | | | |



Single size box VSB execution



Double size box HSB execution



- The heart of the PROSIZE® is our patented size application system.
- It is a no-immersion unit equipped with three highly turbulent and uniform application zones with spray bar technology and final application / squeezing roller.
- It allows the highest process quality, using the minimum size liquor volume.

Soft-Dry

- By single-drive motor system for the minimum yarn stretch.
- Fully self-adjustable algorithm for yarn motion control which allows a perfect yarn guiding over the whole drying phase.
- Assured equal distribution of the yarn tension between cylinders, avoiding friction.

