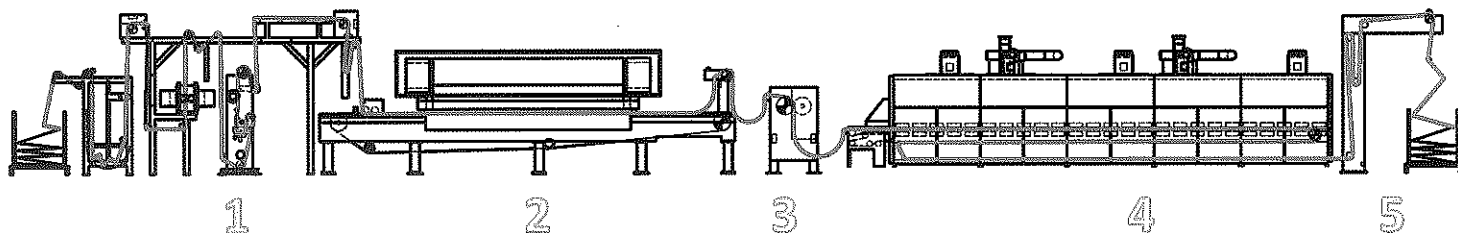


CHROMOJET LINE LAYOUT FOR POLYESTER BLANKETS



- The layout shows a complete **ChromoJET** printing line for polyester using a flow through dryer for drying and fixation
- This is also a typical layout where **ChromoJET** is replacing a flat screen printer.
- Washing and a stenter dryer can be off-line.

1 ENTRY UNIT

- Butt seam – to sew on roll to roll
- J-Box – to store greige blanket material and to give time for sewing
- Lint removal system - to remove lint from the surface and back-side (optional)
- Pre-wash and vacuum – to remove spin oils; remove wrinkles (optional)
- Centre guiding – to keep the greige material in center track
- Pull-roller and synchronization

2 CHROMOJET PRINTER

- Print speed up to 6.5 m/min at 76 x 38 dpi in 2.6 m width
- Wet gluing device - to hold the material stable in place
- 38, 50 or 76 dpi resolution - for high efficiency
- 10 or 12 digital process colors
- 1024 jets per color
- Blanket washing and lint removal - for a trouble-free operation

3 SUPRAPRESS- PENETRATION STATION

The penetration enhancer for low pick-up applications

- High precision rollers with individual drive and adjustable gap or pressure
- Permanent washing, cleaning and drying of the press rollers
- Laser controlled synchronization with **ChromoJET** printer

4 THERMOCURE-FT DRYING AND FIXATION UNIT

- Removes the humidity before the fabric/material enters the high temperature steamer or dryer section.
- With Zimmer's flow through technology it is also possible to reach a full fixation in one process step. Drying and fixation happens at 180°C in a 3-pass flow through dryer.
- High performance flow through type dryer with 3 passes
- Gas, oil or steam heating
- Material is supported by conveyor belts throughout the drying process
- First pass = drying in the
- Second pass = thermofixation of disperse dye
- Third pass = Relaxing and curing

5 EXIT UNIT

- Plaiter at the exit of the dryer

