



HEAT-SETTING LINE for ACRYLIC CARPET YARN

- Up to **96** ends
- Up to **9** tons per day
- Up to **98%** efficiency

according to your yarn count and quality

Nm 40/3, 36/3, 33/3, 30/3, 27/3, 24/3, 21/3, 18/3, 10.5/2



LV3 line : The most efficient heat-setting line especially designed for acrylic yarns or blends with other fibers requiring low treatment temperatures.

Thanks to atmospheric steam you get a very high quality round and regular carpet yarn, a remarkable pin-point effect, with no risk of oxydation or yellowing of the yarn blend.

The line offers a high production output with low maintenance and energy savings.



HIGH QUALITY CARPETS

- High tip definition (pin point effect)
- Very soft hand
- Designed for regular and high density carpet (500 to 1200 reed weaving looms)



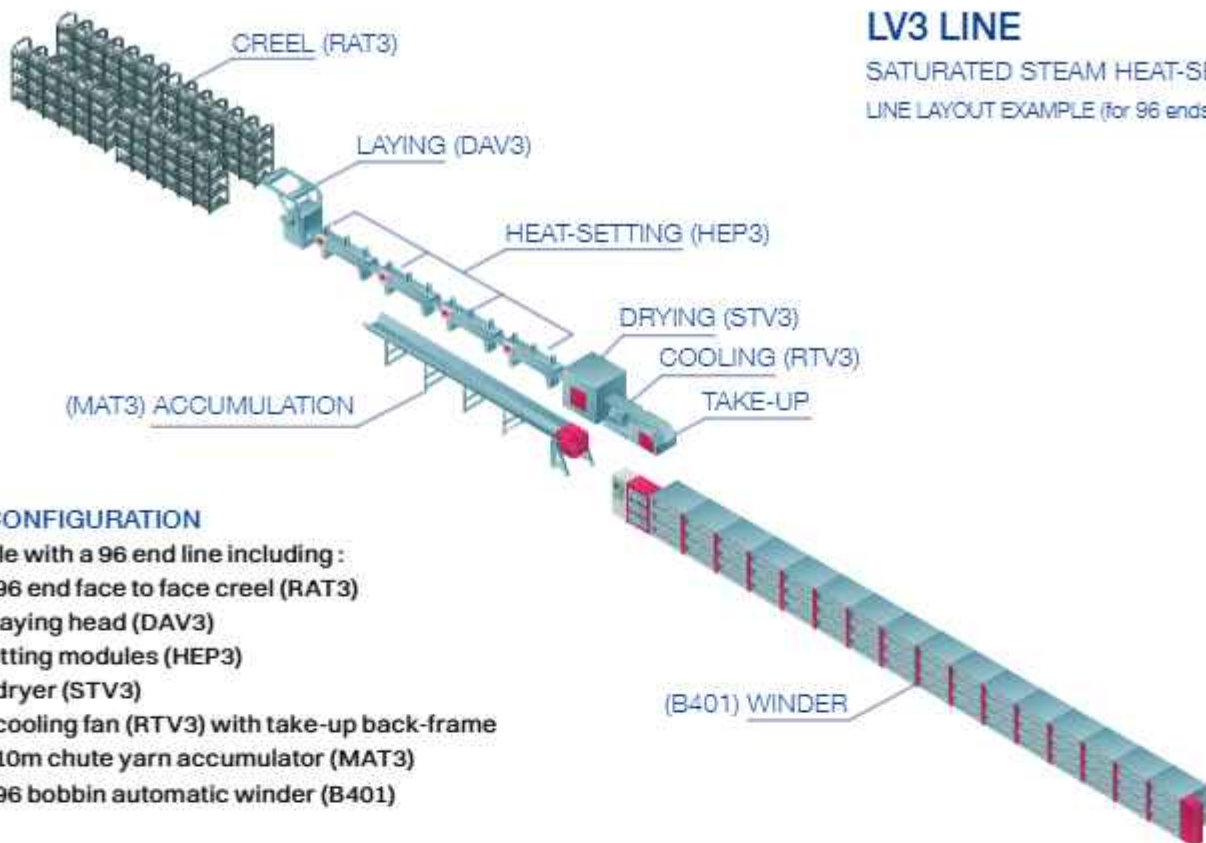
B40T AUTOMATIC WINDER

- From 60 to 96 ends
- Fully automatic and computerized
- Uncomparable rate of successful automatic doffings



FULLY COMPUTERIZED LINE

- Color touch-screen
- Easy programming
- 100 stored textiles recipes
- Trend page, error report, ...



LV3 LINE

SATURATED STEAM HEAT-SETTING LINE
LINE LAYOUT EXAMPLE (for 96 ends)

LINE CONFIGURATION

Example with a 96 end line including :

- One 96 end face to face creel (RAT3)
- One laying head (DAV3)
- 4x setting modules (HEP3)
- One dryer (STV3)
- One cooling fan (RTV3) with take-up back-frame
- One 10m chute yarn accumulator (MAT3)
- One 96 bobbin automatic winder (B401)



LV3 LINE

LAYING, HEAT-SETTING & DRYING ZONE

CHARACTERISTICS & ENERGY CONSUMPTION

-  500 m/min
-  Installed power 100 KVA
~ consumption 45-65 KW/h
(depending on 60-96 ends)
-  up to 96 ends
-  0.3 Nm²/h
-  75-100 liters/hour
-  Steam : ~ 125 - 155 Kgs/h
(depending on 3 or 4 HEP)

TECHNICAL INFORMATION

Production: Up to 9 Tons/day
(depending on yarn count / number of ends)

Dimensions: for a 96 end line (maximal dimensions)

- LENGTH: from 37m (creel in-line on the side) to 65m (all in line)
- WIDTH : from 6,6m (creel in-line on the side) to 6m (all in line)
- HEIGHT : 2m max. (=winder height)

LINE CONFIGURATION

- The line can be configured from 80 to 96 ends with 3 or 4 steaming modules (3 for 80 or 4 for 72 & 96 ends).
- The creel as well as the winder will be configured accordingly (60-72-96 bobbins)
- The creel can be in-line or face-to-face.
- The yarn accumulator is equipped with a 10m chute, able to store a high quantity of yarn to avoid line stops.

PROCESS ADVANTAGES

- The new MAT3-v2 yarn accumulator improves the yarn quality and the process efficiency thanks to its patented integrated motorized conveyor band which prevents undesired friction.
- Up to 98% efficiency according to your yarn quality.
- Easy conversion to a pressurized TVP3 heat-setting line, as all the elements are reusable with the 300mm width conveyor band.

ERGONOMIC & EASY TO USE

- Production traceability and quality control with process and alarm reports (3 shifts)
- Line real time status follow-up
- Temperature curves
- Regulation adjustments
- Access and operator management with different passwords levels



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We imagine, build and integrate innovative textile systems for flooring qualities, home linen, fashion fabrics and technical textiles. Sharing inspiration and expertise with our customers worldwide, we shape the textile industry of the future. Creating success for them all, from yarn to finished product.

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