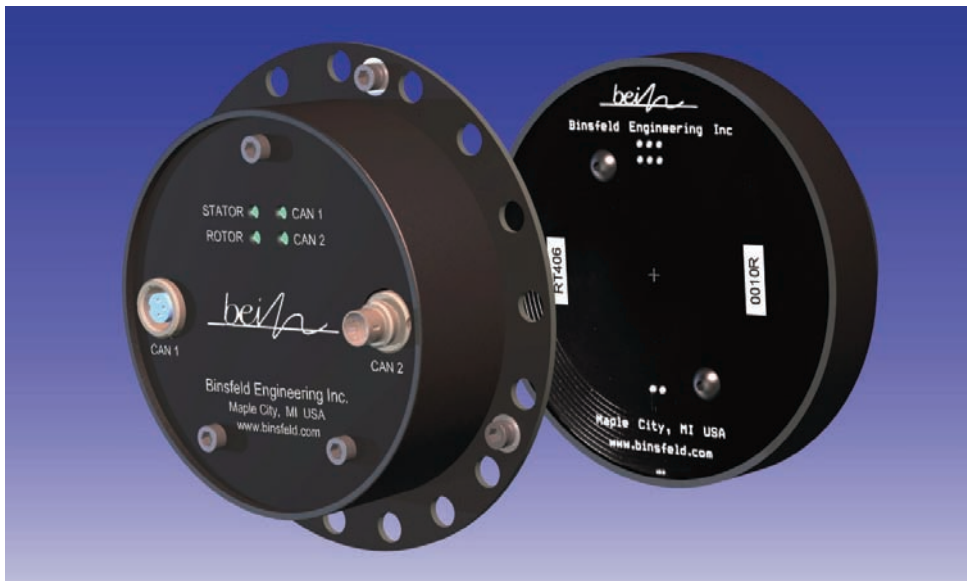
Expanding transmitter line



RT406-2C model from Binsfeld Engineering

US-based **Binsfeld Engineering**, manufacturer of rotary temperature transmitters for heated godets, is displaying its expanding line of transmitters including the 406-2C godet temperature transmitter for Neumag S5 and NPT lines producing BCF yarn in **Hall 2, Stand C111** at ITMA. The RT406-2C communicates and controls temperature on six-zone godets and features PID loop control with a CANbus communication system.

Binsfeld is also demonstrating its popular RT300 and RT350 series transmitters with multi-channel configurations compatible with most machines from manufacturers including Neumag, SwissTex, Rieter, Erdmann and Toray. Like all Binsfeld products, the RT300 and RT350 series feature error-detection and signalling to simplify trouble-shooting the machine's temperature control system. Output signals are available for Dienes or Rieter frequencies or 4-20mA or voltage systems.

All Binsfeld's systems incorporate sophisticated electronics in a durable design backed by a warranty of up to five years. The company says it is dedicated to producing trouble-free systems that reduce maintenance downtime and increase yields for fibre manufacturers around the world.

SSM launches five new products

SSM is launching five new products at ITMA in **Hall 1, Stand A122** and nine machines are on show.

The new machines were undisclosed at the time of going to press but are aimed at the dyeing/rewinding; air texturing; draw winding and yarn singeing sectors.

SSM is expecting more than a 1,000 visitors on its stand. Models on display include SSM DP5-T – for flexible production of high quality air jet textured yarns; SSM PW3-W and the SSM Classic Winder in its new form, CW8-W.

Brückner's Power-Frame Eco Stenter

Energy-saving dryer

Brückner is exhibiting its Power-Frame Eco stenter in **Hall 6, Stand A113**, said to have increased output yet require considerably less heating energy. The dryer is provided with a central heating system, a new air control system and a sophisticated temperature control system.

Compared to a normal stenter with heat-recovery system, this dryer saves up to 30% extra energy.

The split-flow air circulation system and Brückner's typical countered design has been maintained in this concept. This ensures homogeneous air admittance to the fabric across the machine's complete length and width. Since this line can be provided with a support belt it is suitable for delicate knitted fabric.

Brückner is also exhibiting its flow-through belt dryer Supra-Flow BH, setting new standards in the field of spunlace nonwovens.

This belt dryer is characterised by what is claimed to be unmatched temperature accuracy across the fabric width. The drying can be made very gentle and with low temperatures since the zone temperatures and air circulation intensity can be varied every 1.5m. The nonwovens are dried on a transport belt with no tensions or distortions. This leads to a smooth hand and improved quality features, according to Brückner.

Brückner's Supra-Flow BX is used for the bonding of high-loft nonwovens. Nonwovens with a weight of up to 6,000g/sq m and an initial thickness of 300mm can be finished. The flow in the dryer can take place from the bottom up or from the top down, depending on process and fabric type. The homogeneous air and temperature distribution across the complete fabric length and width is said to ensure a high-quality end product.

An optimum air control system requires less electrical energy, saving cost. The system is easily accessible for cleaning and maintenance. Brückner will shortly have a pilot plant available for fabric tests.

Brückner has developed a new Techno-Line application unit for the direct coating of bi-elastic knitted fabric, integrated in the stenter entry. In addition a new application unit for coating the lower side of the textile web has been developed. Both units, in combination, allow a simultaneous coating of the upper and lower side of the textile web in one dryer passage.