

Fadis 4.0: A winder at the customer's service

Fadis is synonymous with precision winding machines; the oldest company owned by the same family since its establishment in 1960. It is a leading company in the production of soft winders, rewinders, assembly winders, hank to cone winders, reeling machines, spooling and cops winders, intermingling and air texturizing machines for the processing of any kind of yarn, from cotton, wool and silk to artificial and synthetic fibres, mixed fibres, intermingled yarns and fancy yarns.

Fadis will be present at ITMA Barcelona in H7 – B209, with a stand of more than 400 sq.m. where all the lines and innovations will be displayed.

PACKAGE LINE - ONE SOLUTION FOR ALL PROBLEMS

The soft winders, rewinders and assembly winders with electronic yarn-guided winding spindles with precision crossing and completely electronic "online" tension and density control are designed for the processing of both continuous and staple yarns. They are without any doubt highly technologically advanced and efficient machines on the market today.

A new line of compact and efficient double-sided rewinders, with a complete range of machines with automatic doffing will be presented as a preview at the ITMA exhibition.



Sincro Multipla Air jet Dual core

HANK LINE – EXPERIENCE IN A MODERN WAY

Hank dyeing is especially fascinating just because it combines secular experience handed on from generation to generation with the most sophisticated technologies. It is a competition of excellence, where research, innovation, technology and competitiveness play an essential role.

Fadis adopted it as its own by realising the only reeling machine and the only hank to cone winder with electronic yarn-guided winding spindles equipped with precision crossing on the market today, ideal for processing cotton, wool, acrylic, silk and viscose.

ELASTIC YARN LINE – A CONTINUOUS EVOLUTION

Undisputed leader in this steadily growing sector, Fadis was the first company to have presented the SINCRO M machine for the production of Fapp™ (Fadis Precision Package), with a very low density that allows a wide margin of retraction for the yarn during the dyeing process, thus maintaining a high residual elasticity percentage of the stretch yarn.

In fact, with this extensively tested preparation system and thanks to the possibility of unwinding the FAPP™ packages with the SINCRO RFM SW rewriter with its "online" automatic tension control, it is possible to obtain results quite similar to the quality of hank dyeing, but with the simplicity and inexpensiveness typical of package dyeing.

ELASTIC AND ELASTOMERIC YARN LINE – THE RIGHT MACHINE FOR EACH PROCESS

The highest level of "open platform" constructional design is found in the SINCRO MULTIPLA machine.

This is a "multi-function" machine equipped with the high technology that distinguishes the whole "SINCRO" line, able to meet 8 different production needs: soft winder, rewriter, assembly winder, air intermingling machine, air



Sincro Plus Fc.

covering, air covering from FAPP™, MUFF and hanks, Air Covering Dual Core machine and the new Texturisation machine that will be presented at ITMA 2019 to complete the line.

Thanks to this innovative constructional principle, it is possible to create, together with the customer, a machine which fully responds to his technical/production requirements, and which can be modified at any time to meet new market needs.

SPOOLING LINE

In this line, Fadis is present with its Sincro Sprint machine for the preparation of flanged bobbins, used in the covering process and as assembly winder in the silk twisting process. This is a modern concept of compact and efficient double-sided rewriter with independent winding spindles with electronic yarn-guide with precision crossing and motorised bobbin. Equipped with an "online" automatic control device, it has been designed to reach high winding speeds and offers the versatility, choice and modification of all the parameters necessary to wind the yarn onto flanged bobbins.

COPS WINDING LINE

This novelty will be presented at ITMA 2019. Brand-new and revolutionary, the SINCRO COPSY machine is meant to prepare cops and flanged bobbins (i.e. Hamel type).

The uniqueness of this new machine lies in the possibility to at least double the productivity when compared to existing machines, simplifying the performance and loading and unloading of the bobbins by the operator, thanks to an innovative technical solution which changes its ergonomics. All this is made possible by using independent winding spindles equipped with an electronic yarn-guide, with precision crossing and motorized bobbin. ♦