

Dear Madame, Dear Sir,

**FADIS** will be participating, as usual, at ITMA exhibition in **Hall 7 - B 209** to be held from 20th to 26th June 2019 in Barcelona – Spain.

**18 machines** will be on display with more than **146 different spindles configurations, in a 400 sqm booth**, to continue the **FADIS** world leadership in this field!

**Nr 6 ABSOLUTE INNOVATIONS will be displayed** in the various lines of product.

During the last 4 years the market became even more demanding but, as usual, **FADIS** was there to work in the direction of continuing the development of new products in terms of quality, performance, lower running cost, flexibility, reliability and price as well.

As **FADIS** PRODUCTION LINE is very broad and covers a wide range of yarn types and end uses to meet the requirements of all our customers, with this letter we highlight the various configurations that will be on display and the absolute innovations that will be introduced.

Let's start with a summery of the line of products that have been all renovated and updated.

You can identify Fadis production in **5 MACHINE lines of product all 100% MADE IN ITALY**

1. **SINCRO PREMIUM** – Electronic yarn guided precision winding machine
  - Our top of the line machine range.
  - Everything possible with the machines belonging to this range.
  - For any type of yarn and process.
  - **Nr 4 NEW** machines introduced at ITMA 2019 – world première.
2. **SINCRO PLUS - COMPACT** – Electronic yarn guided precision winding machine
  - **NEW** precision winder line.
  - Double sided machine.
  - Compact machine structure and competitive price for any type of yarn.
  - Dedicated machine to softwinding, rewinding and assembly winding process.
3. **SINCRO PLUS - AUTOMATIC** – Electronic yarn guided precision winding machine
  - **NEW** precision winder line.
  - Single side machine **only with automatic doffing**.
  - To satisfy an increasing demand for automation at competitive price for any type of yarns.
  - Dedicated machine to softwinding, rewinding and assembly winding process.
4. **MATRIX** – Electronic yarn guided winding machine
  - Introduced at ITMA 2015.
  - Double sided machine.
  - Compact machine structure and competitive price for specific yarns (spun & Textured).
  - Dedicated machine to softwinding, rewinding and assembly winding process.
5. **MITO** – Electronic drum machine
  - Introduced at ITMA 2015.
  - Double sided machine.
  - A revolution in the world of drum winder.
  - Dedicated machine to softwinding, rewinding and assembly winding process for spun yarn.

## SINCRO MULTIPLA AQUAJET - PREMIUM

*A NEW CONCEPT OF AIR TEXTURING MACHINE FOR FDY/FOY/SDY - PA, PES, PP YARNS*

### WHY:

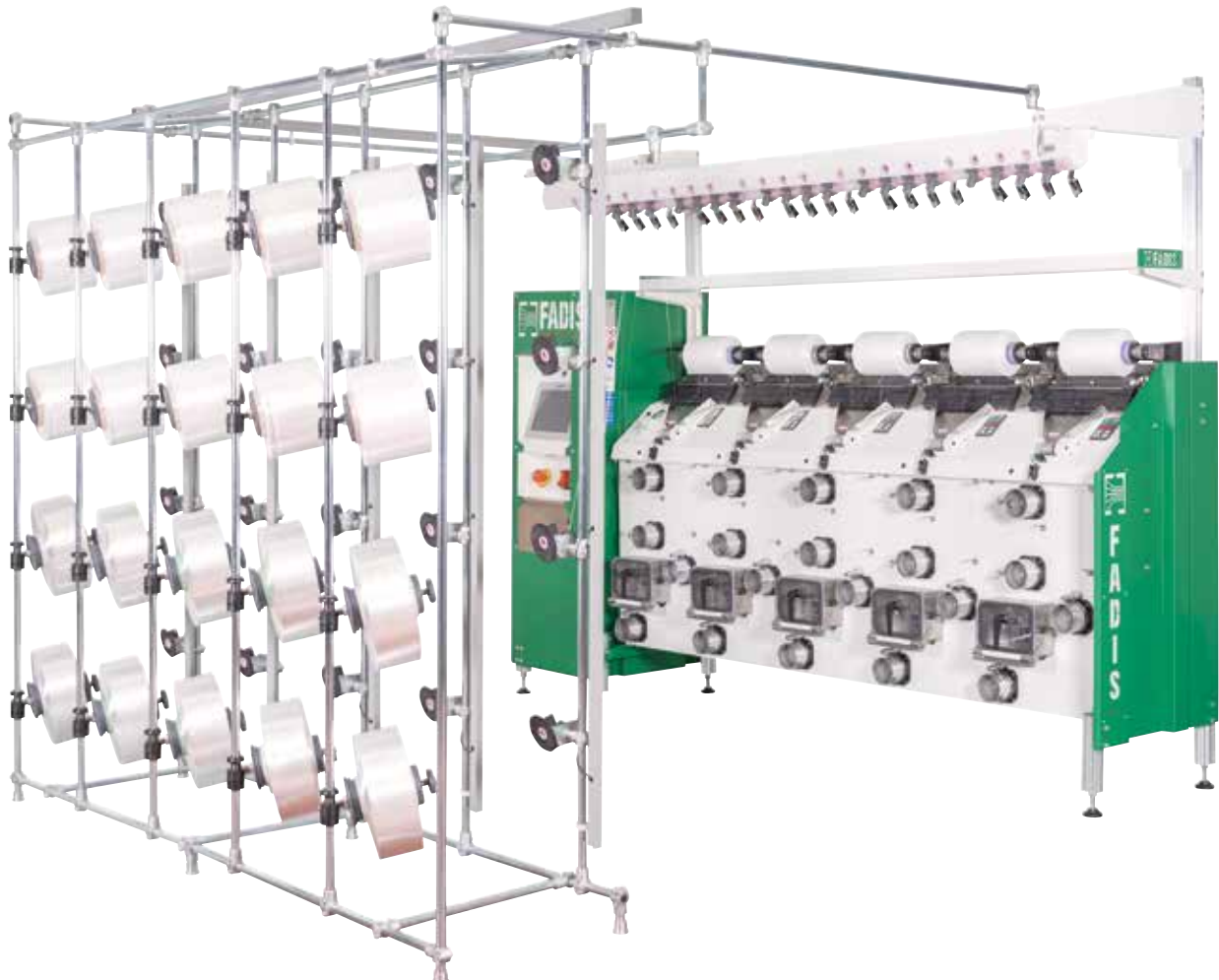
- To give everybody the chance to produce perfect quality air textured yarns, starting from FDY/FOY/SDY, in an accessible way and with simple to use machine.
- Open platform concept to allow you to “build “ the air texturing machine you really need choosing from 2 up to 5 rollers configuration, thus flexibility.
- Evolution of our world known SINCRO MULTIPLA AIR JET - PREMIUM.

### FOR WHAT:

- Any yarn combination can be created, also with elastane component, for different end uses such as active wear, sportswear, underwear, knitted fabrics, carpet backing, outdoor and upholstery.
- The working principle is to start from 1 or more plies of flat multifilament FDY/FOY/SDY yarn that go through a special wetting head and air texturing jet where the yarn structure is changed acquiring more volume, thus greater elasticity, and a more spun-like aspect.

### WHICH BENEFIT:

- Reduced initial investment cost.
- Higher possible winding speed thanks to a straight yarn path, no angles.
- Perfect soft package winding preparation thanks to our automatic online tensioning system.
- Possibility to combine other PREMIUM line models together with the AQUAJET.



## SINCRO COPSY - PREMIUM

*A MILESTONE IN THE PROCESS OF COPS WINDING*

### WHY:

- On existing machines is now a problem to load and unload the cops/flanged bobbins (labour complaints).
- No independent winding spindle cops winder existing on the market, with metercounter and automatic tension control.
- Necessity of flexible machine for all types of yarns.
- Evolution of our world known SINCRO SPRINT - PREMIUM.

### FOR WHAT:

- For preparation of any cops or flange bobbin sizes from 285 mm to 450 mm length for subsequent twisting and covering process, where sincro sprint cannot be used.
- Special configurations available, like assembly winding and intermingling.

### WHICH BENEFIT:

- Revolutionary lowering of each individual spindle, either automatically, thanks to the presence of a pneumatic piston, or manually.
- Almost 3 times the speed of any existing cops winding machine (up to 2000 mt/min).
- Independent winding spindles (1 inverter each spindle) with electronic yarn guided precision crossing technology.
- Individual electronic on-line automatic tension control and high precision digital meter counter.



## SINCRO MULTIPLA AIR JET DUAL CORE - PREMIUM

*A QUALITY SOLUTION TO AN INCREASINGLY DEMANDING ELASTIC WORLD*

### WHY:

- To produce air intermingled elastic yarns for both direct weft end use in weaving machines or for ring spinning end use for core spun or dual core or 3d core yarns combinations.
- Evolution of SINCRO MULTIPLA AIR JET - PREMIUM to double the output when using the machine for take up tube up to 115 mm.

### FOR WHAT:

- Open platform concept so that, at the same time, the machine can be used to produce on each spindle either 1 single bobbin wound on a 10" tube or 2 twin bobbins up to 115 mm tubes.
- No parts addition to switch from 1 tube/spd to 2 tubes/spd.

### WHICH BENEFIT:

- Double the output when using the machine with twin bobbins.
- Better protection of the yarn when using air covered yarn in spinning.
- No problems in cutting the fabric of no lycra presence near the sewing side.
- Possibility to combine other premium line models together with SINCRO MULTIPLA AIR JET DUAL CORE - PREMIUM.





## SINCRO HD (HEAVY DUTY) - PREMIUM

*SPECIAL WINDING MACHINE FOR TECHNICAL AND CARPET YARNS*

### WHY:

- Medical, geo textile, technical, automotive, upholstery, carpet are markets becoming every day more important.
- More specific machines required.
- Necessity to cover a wider range of yarn types and coarser counts.

### FOR WHAT:

- A dedicated machine range for technical and carpet yarns up to 10000 dtex/1 Nm.
- Control tension peaks thanks to specific compensating arms.
- HD is present for soft winding, rewinding, assembly winding process.

### WHICH BENEFIT:

- A solid and efficient machine solution at very competitive price.
- Perfect control of winding tension to guarantee even package density.
- Possibility to combine other premium line models together SINCRO HD - PREMIUM.



## SINCRO PLUS - COMPACT

*THE PERFECT COMBINATION OF QUALITY, SPACE AND PRICE*

### WHY:

- Increased demand of a flexible machine to cover all types of yarn, but at more competitive price.
- Precision winding is synonymous with quality and Fadis is synonymous with flexibility.
- Space and power consumption are everyday more an issue.

### FOR WHAT:

- Dedicated machine to softwinding, rewinding and assembly winding process.

### WHICH BENEFIT:

- Compact double sided machine structure and competitive price for specific production processes.
- Possibility to process all types of yarn.
- Same trademark features of our SINCRO PREMIUM machine line.
- Automatic online tension & density control, tapering, round edges, soft edges.



## **SINCRO PLUS - AUTOMATIC**

*SIMPLE, EFFICIENT AND PERFORMING*

### **WHY:**

- Increased demand to drastically reduce labour cost (from 50 to 80%).
- Increased demand to improve production efficiency.

### **FOR WHAT:**

- Dedicated machine to softwinding, rewinding and assembly winding process, only with automatic doffing.

### **WHICH BENEFIT:**

- Innovative single sided machine design with integrated automatic doffing.
- Competitive price for specific production processes.
- Possibility to process all types of yarn.
- Same trademark features of our SINCRO PREMIUM machine line.
- Automatic online tension & density control, tapering, round edges, soft edges.



**For each line will display the following machines:**

- 1 Assembly winding
- 2 Softwinding
- 3 Rewinding
- 6 Chenille winding
- 7 Hank to cone winding
- 8 Reeling
- 9 Heavy duty winder – technical and carpet winder
- 10 Elastic yarn – FAPP technology
- 11 Air intermingling
- 12 Air Covering
- 13 Air Texturing
- 14 Spooling
- 15 Cops winding
- 16 Silk winding process

We remind you also that Fadis:

- Became a promoter of the **“Sustainable Technology” Project** whose main objective is to find technical solutions aimed to develop machines more environmentally responsible.
- Obtained the **“Green Label”** for its machines, thanks to results achieved in terms of reduction of energy consumption, thus becoming the least power consuming winding machines in the world.
- Obtained the official certificate **“100 % Made in Italy certified”**, a national register of manufacturers whose products have to be made entirely in Italy.

**WHY WIND UP WITH PROBLEMS IF YOU CAN WIND UP WITH FADIS?  
ONLY AND ALWAYS FADIS: YOUR BEST PARTNER.**

We do not find a better way to describe this concept for **FADIS** since 59 years !

Looking forward to meeting you at our booth: **HALL H7 – BOOTH B209**

Cordially Yours  
Raffaella Carabelli  
Giuseppe Carabelli

---