

## TECHNICAL CHARACTERISTICS

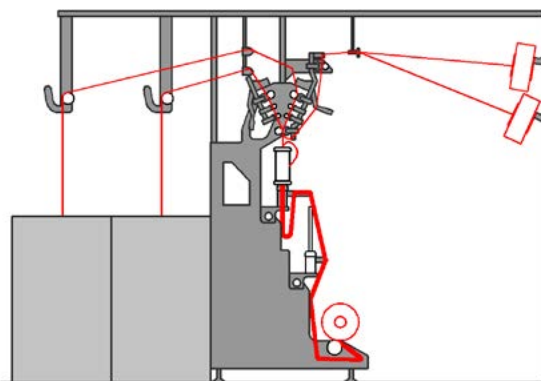
Version	HP: High production machine with motors inside the driving headstock.	EP: Flexible machine for small lots of yarns with motors on board the machine.	MODULAR: Modular machine made of independent sections (from 1 to 6) for the production of different yarns at the same time. Motors on board every single section.
Gauge	300 mm	300 mm	300 mm
No. of spindles	from 4 to 84	12	4 per section
Flanged bobbin height	220 mm	220 mm	220 mm
Cone traverse	6" - 8"	6" - 8"	6" - 8"
Max. length	2600 mm + No. of spindles x gauge	5350 mm	1300 mm + 1800 x No. of sections
Max. width	2600 mm	2600 mm	2600 mm
Max. height	2500 mm	2500 mm	2500 mm

Gualchieri e Gualchieri reserve the right to modify the data in the tables without any notice in order to improve the machine performance.

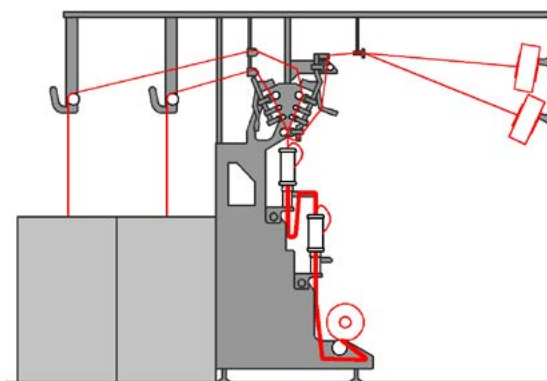
## TECHNICAL PERFORMANCES

Max. draft (times)	999	999	999
Max. twists (tpm)	0-9999	0-9999	0-9999
Hollow spindles max. speed (rpm)	13000	13000	13000
Final yarn count (Nm)	0,5 - 40	0,5 - 40	0,5 - 40

Fonto EXTRA-FC1



Fonto EXTRA-FC2



Our FANTAEXTRA-FC2 has the ACIMIT Green Label Certification and it complies with INDUSTRY 4.0 ready.



## ENERGY G MONITORING

### Full control of production costs

Energy G MONITORING is a measuring system of the electricity. It allows to monitor in real time the actual machine energy cost for each yarn produced.

This system can be installed on any of our machine models upon request.

- ✓ Real time measuring of the energy used for each yarn
- ✓ Production history archive for data analysis
- ✓ It can be applied also on the existing machines



## YARN G QUALITY

### Maximizing the production, minimizing the operating costs

Yarn G QUALITY is an integrated software developed by us to program the detectors and manage the yarn breakages directly from the machine PC, without using external control units. The software helps to reduce the maintenance costs as well as the cost of the personnel in charge of the supervision on the machine.

- ✓ Saving of all the settings of the detectors in every yarn recipe
- ✓ Quality indicator of every yarn package according to the number of interventions registered
- ✓ It can be applied also on the existing machines



## YARN G LAB

### Your technician at your fingertips



Download now!



Yarn G LAB is an app created for all the technicians that are involved in the manufacture of fancy yarns. The App, that is free of charge and can be downloaded from any platform, features tools open to everybody as well as a reserved area for our customers with several additional functions.

- ✓ Useful conversion tool of the yarn counts and definition of its characteristics
- ✓ It helps the technician to develop new yarns
- ✓ Remote control on our machines from any device and from any location in the world through personal user name and password



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# Fonto EXTRA-FC2

The ideal solution for the production of technical and upholstery yarns  
One machine: two working modalities

Fancy yarns - Special yarns



MADE IN ITALY SINCE 1973

Fonta **EXTRA-FC2**

THE IDEAL SOLUTION FOR THE PRODUCTION OF TECHNICAL AND UPHOLSTERY YARNS  
ONE MACHINE: TWO WORKING MODALITIES

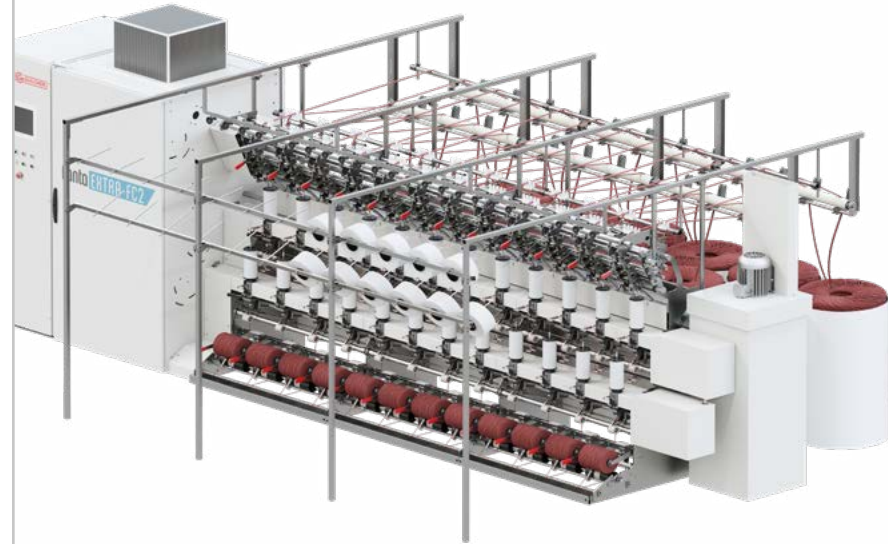
**WORKING MODALITIES**

Fonta **ROC-FC1** One hollow spindle (one binding yarn) and take-up on incorporated cone

Fonta **ROC** Two hollow spindles (two binding yarns) and take-up on incorporated cone

**DESCRIPTION**

Our FANTAEXTRA-FC2 frame is the ideal solution for the production of FANCY TWISTED YARNS and SPECIAL YARNS for technical applications and upholstery fabrics. The machine works from sliver in cans with one and two hollow spindles and take-up on incorporated cone. The drafting group may feature one, two or three drafts. The two hollow spindle stages are controlled independently and it is possible to use both of them to produce yarns with double binding or just one to produce yarns with single binding. The structure of the machine has been especially studied to reduce its height keeping the standard flanged bobbins size (220 mm). This makes the operators' work easier without compromising the performance of the machine.



**PRODUCTION FACILITIES**

- Management software with simple and intuitive interface
- Yarn programmes and working modalities software-selectable
- Industry 4.0 ready
- Remote assistance that can be enabled directly from the machine PC
- Energy Recovery System for the optimization of the electrical consumption
- Energy G MONITORING for the real time measurement of the electrical power consumption upon request

**TYPE OF YARNS**

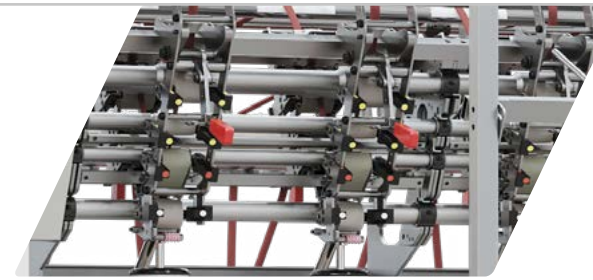
- Yarns for knitting
- Yarns for weaving
- Yarns for apparel fabrics
- Yarns for upholstery fabrics
- Technical yarns
- Protech
- Mobiltech

**OPTIONAL ACCESSORIES**

- Final yarn detectors
- Stop-motions for the core yarn
- Creel from roving bobbins



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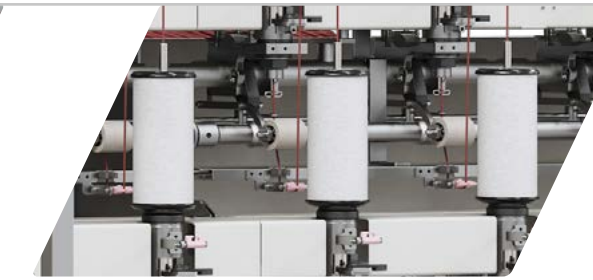
**FEEDING**

- ST:** from sliver
- ST1 (1 draft)
  - ST2 (2 drafts)
  - ST3 (3 drafts)



**1<sup>ST</sup> HOLLOW SPINDLE**

- Flanged bobbin for binding yarn



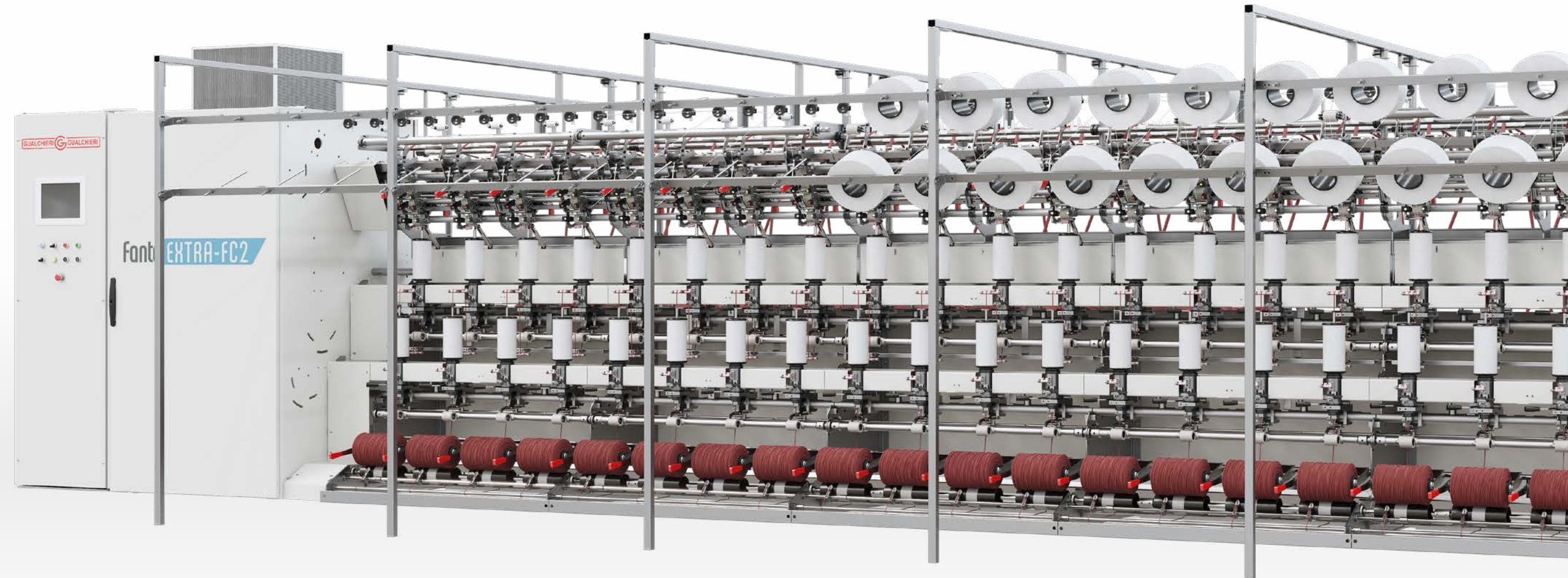
**2<sup>ND</sup> HOLLOW SPINDLE**

- Flanged bobbin for binding yarn



**INCORPORATED WINDING UNIT**

- Take-up on cones placed on one single row



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