

TECHNICAL CHARACTERISTICS

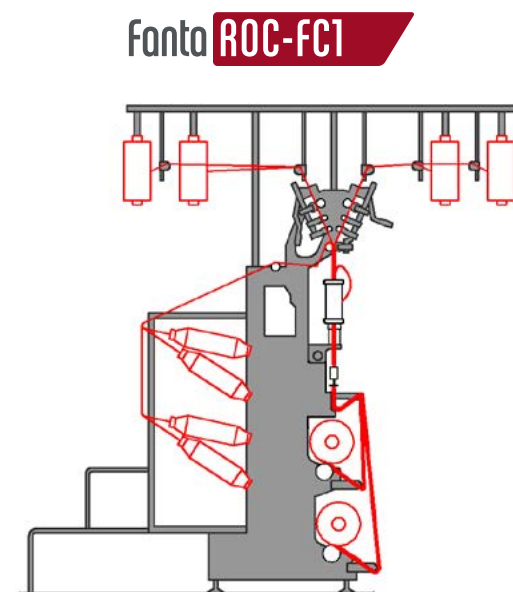
Version	HP: High production machine with motors inside the driving headstock.	EP: Flexible machine for small lots of yarns with motors on board the machine.	MODULAR: Modular machine made of independent sections (from 1 to 6) for the production of different yarns at the same time. Motors on board every single section.
Gauge	150 mm	150 mm	150 mm
No. of spindles	from 8 to 168	24	8 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	5400 mm	1300 mm + 1800 x No. of sections
Max. width	2500 mm	2500 mm	2500 mm
Max. height	2500 mm	2500 mm	2500 mm

A different gauge can be considered as well as double side machines with single or double drive. 3-draft machines (ST3) have gauge 300 mm only.

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



Our FANTAEXTRA-FC1 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

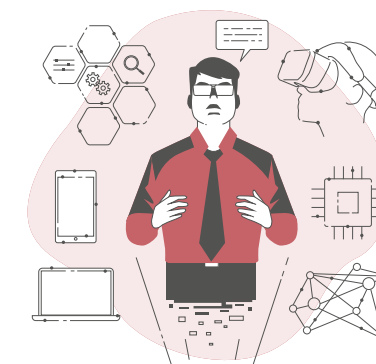


YARN G QUALITY

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

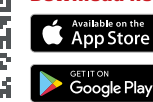
Your technician at your fingertips

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



Download now!



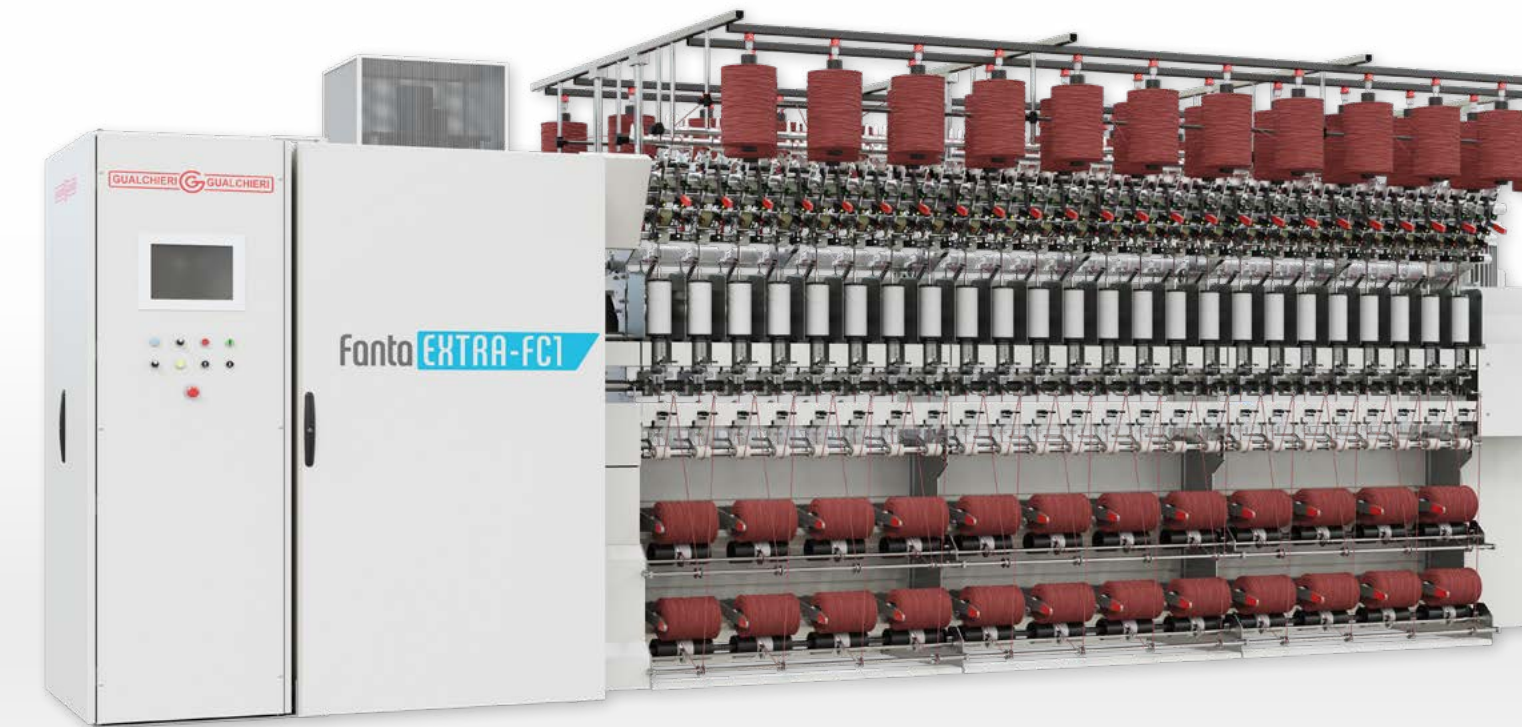
WWW.GUALCHIERIEGUALCHIERI.IT
Via Nea Ionia, 43 - 59100 PRATO - ITALY
Phone +39 0574 590587
info@gualchieriegualchieri.it



Fanta EXTRA-FC1

The most compact machine for upholstery yarns and knitting yarns

Fancy yarns - Special yarns



MADE IN ITALY SINCE 1973

Fonto EXTRA-FC1

THE MOST COMPACT MACHINE FOR UPHOLSTERY YARNS AND KNITTING YARNS

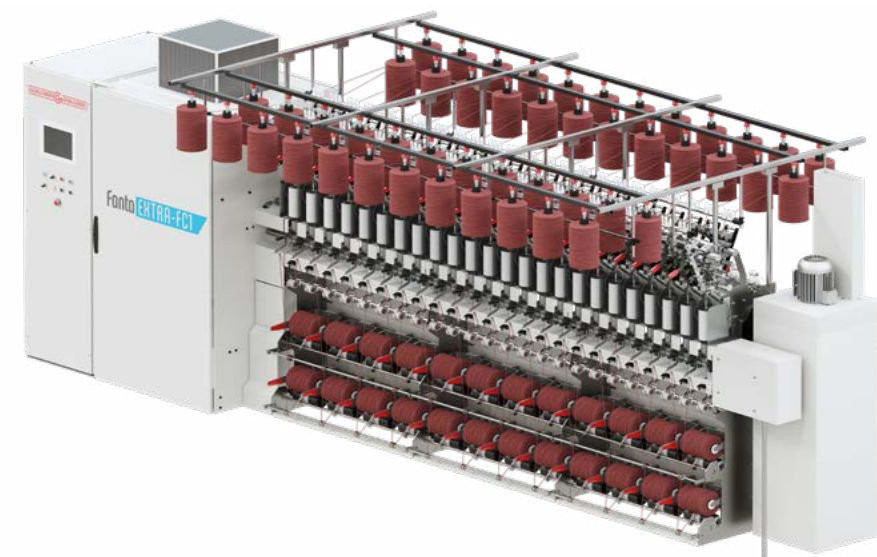
WORKING MODALITIES

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

DESCRIPTION

Our FANTAEXTRA-FC1 frame produces FANCY TWISTED YARNS and SPECIAL YARNS from roving (roving frame or finisher) and from sliver in cans with one hollow spindle and take-up on incorporated cone.

It is possible to feed the machine also from yarn (YARN TO YARN) with an external creel that can be supplied as an optional. The drafting group may feature one, two or three drafts and can process both short staple cotton fibers and long staple woollen fibers. Upon request different types of needle heads can be supplied to be installed in place of the hollow spindles to produce SPECIAL YARNS like TUBE YARNS. The conversion is a simple and quick operation.



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

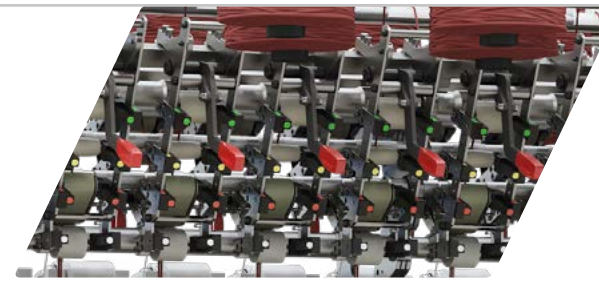
- Yarns for knitting
- Yarns for weaving
- Yarns for apparel fabrics
- Yarns for upholstery fabrics

OPTIONAL ACCESSORIES

- Needle heads
- Independently controlled false twist
- Final yarn detectors
- Stop-motions for the core yarn
- Creel from cans
- Creel from yarn



WWW.GUALCHIERIEGUALCHIERI.IT

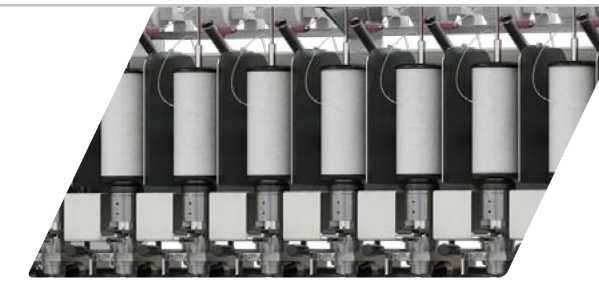


FEEDING

FL: yarn to yarn (adding an external creel upon request)

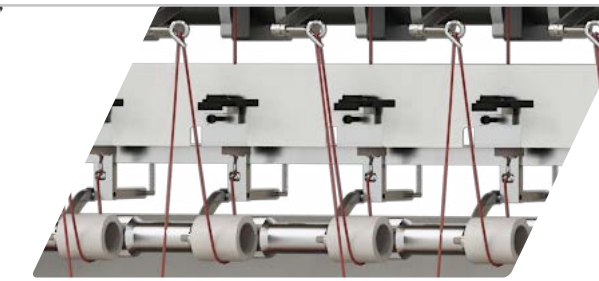
ST: from roving or sliver (creel from cans optional upon request)

- ST1 (1 draft)
- ST2 (2 drafts) suitable also for short fibres (cotton type)
- ST3 (3 drafts)



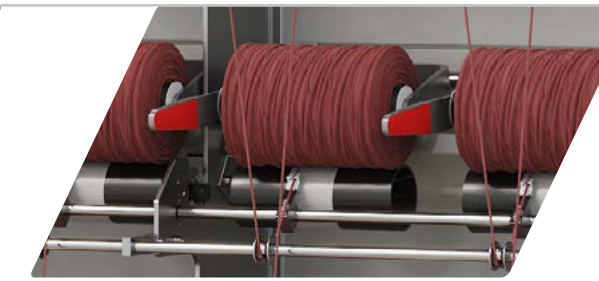
HOLLOW SPINDLE

- Flanged bobbin for binding yarn



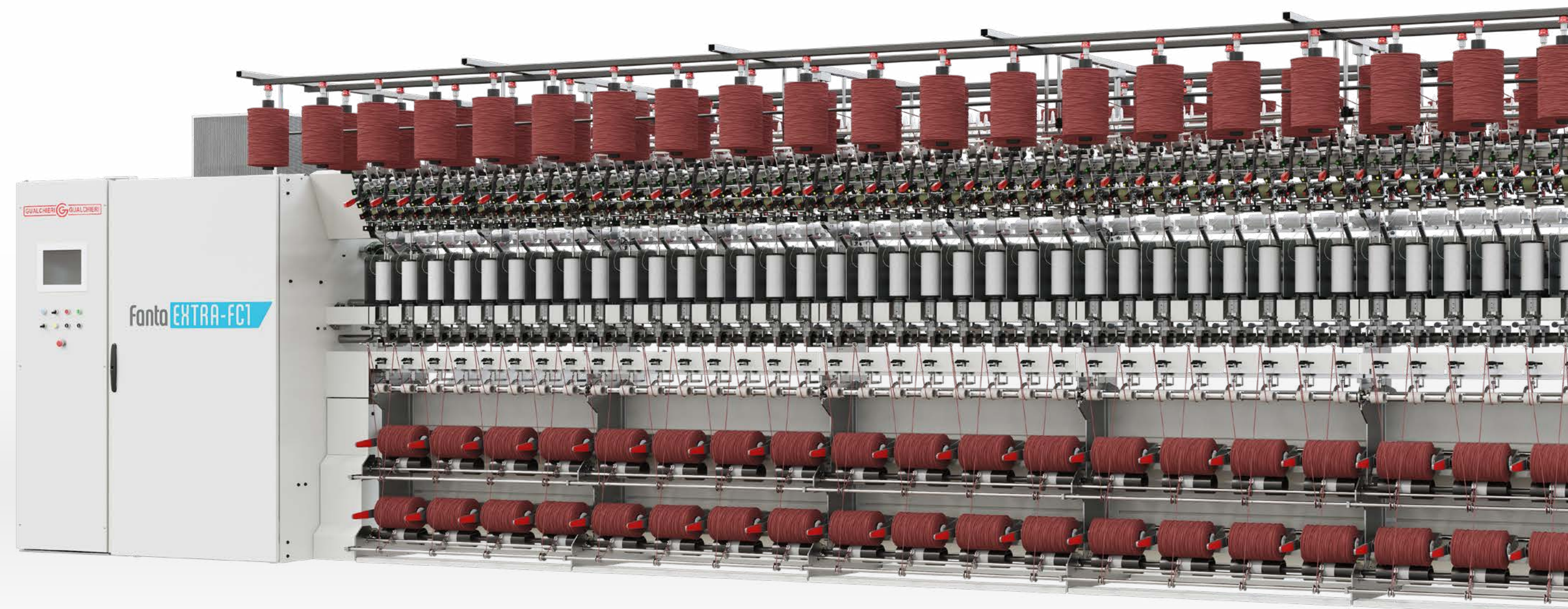
FALSE TWIST

- Independent false twist control upon request



INCORPORATED WINDING

- Take-up on cones placed on a double row



MADE IN ITALY SINCE 1973

