

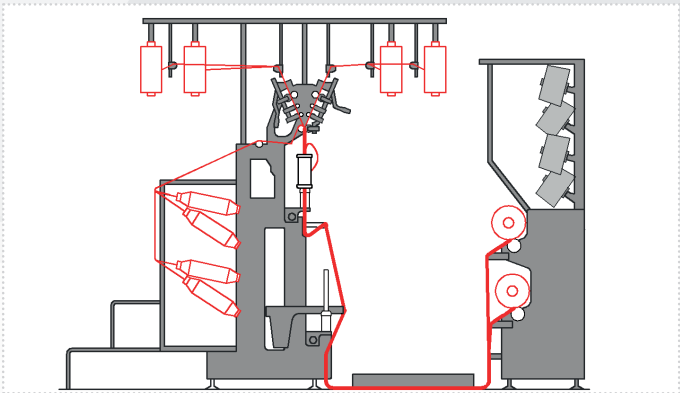
TECHNICAL CHARACTERISTICS

Version	<b>HP:</b> High production machine with motors inside the driving headstock.	<b>EP:</b> Flexible machine for small lots of yarns with motors on board the machine.	<b>MODULAR:</b> Modular machine made of independent sections (from 1 to 6) for the production of <b>different yarns at the same time</b> . Motors on board every single section.
Gauge	150 mm	150 mm	150 mm
Ring diameter	115 mm	115 mm	115 mm
Number of spindles	from 8 to 168	24	8 per section
Flanged bobbin height	220 mm	220 mm	220 mm
Bobbin height	450 mm	450 mm	450 mm
Cone traverse	6" - 8"	6" - 8"	6" - 8"
Max. length	2600 mm + No. of spindles x gauge	5350 mm	1250 mm + 1700 x No. of sections
Max. width	3450 mm	3500 mm	3500 mm
Max. height	2500 mm	2500 mm	2500 mm
A different gauge and different ring diameters, can be considered as well as double side machines with single or double drive. Gualchieri e Gualchieri reserve the right to modify the data in the tables without any notice in order to improve the machine performance.			

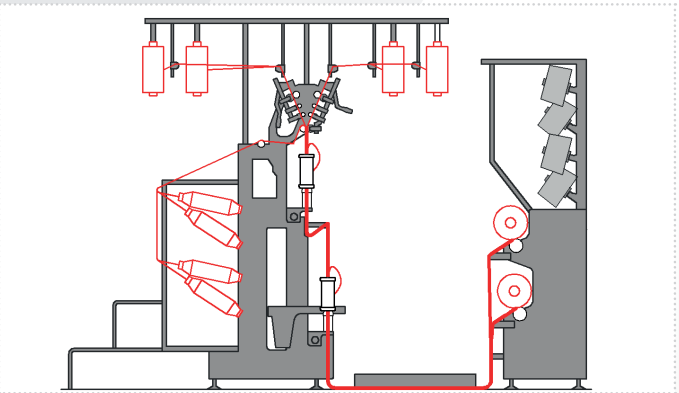
TECHNICAL PERFORMANCES

Max. draft (times)	999	999	999
Max. twists (tpm)	0-9999	0-9999	0-9999
Hollow spindles max. speed (rpm)	13000	13000	13000
Take-up ring spindles max. speed (rpm)	8800	8800	8800
Final yarn count (Nm)	0,5 - 40	0,5 - 40	0,5 - 40

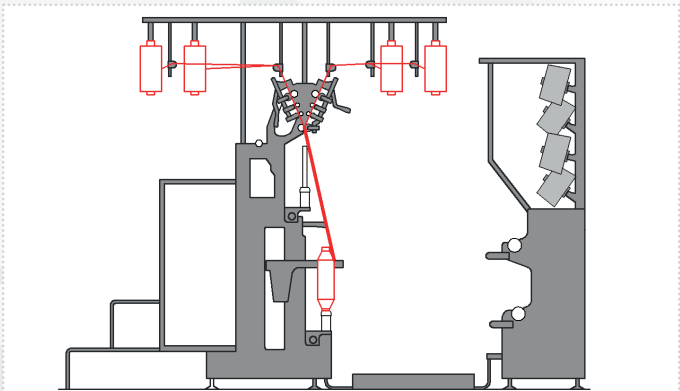
Fanta ROC-FC1



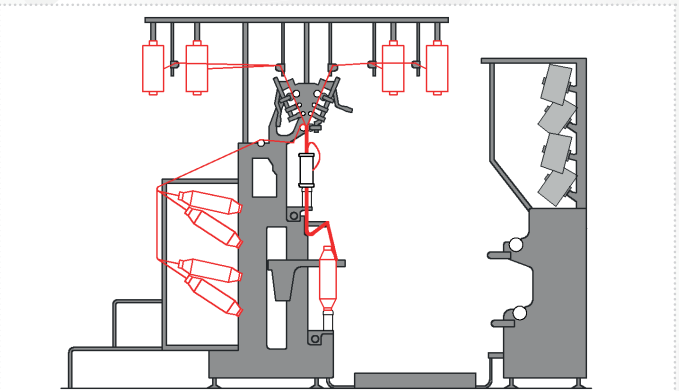
Fanta ROC



Fanta SPIN



Fanta FILO



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Spike FILO-IB

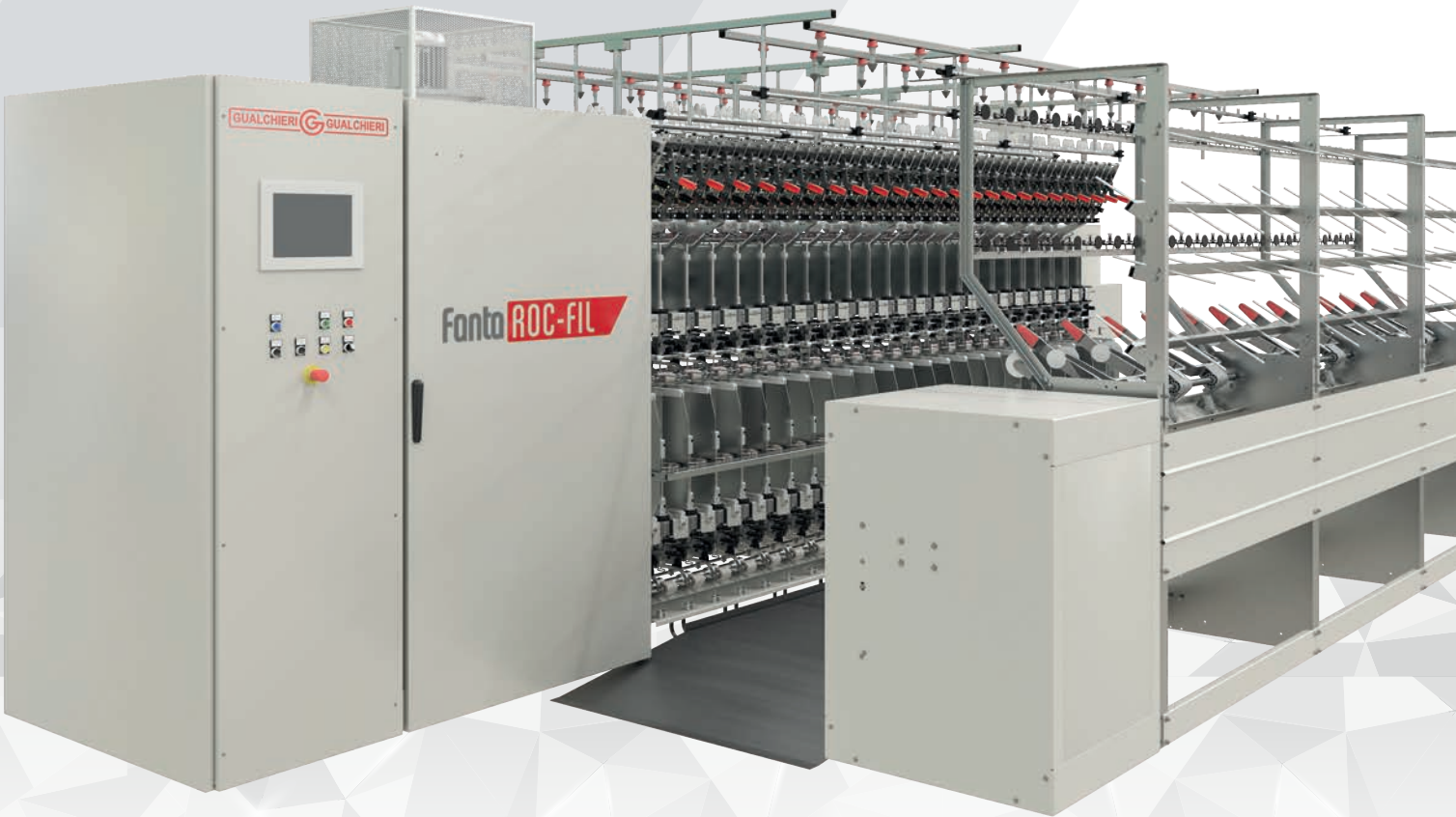
Fanta FILO-ROC

Spike EXTRA-FT

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Fanta ROC-FIL

MANY SOLUTIONS IN ONE SINGLE MACHINE  
Fancy yarns • Special yarns



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# Fanta ROC-FIL

## MANY SOLUTIONS IN ONE SINGLE MACHINE

Machine for the production of fancy twisted yarns with double hollow spindle, ring rail and external winding unit. Possibility to take-up the yarn both on cone and on bobbin using special adaptors on the bottom hollow spindle that convert it into a ring spindle.

### WORKING MODALITIES

#### Fanta ROC-FC1

- One hollow spindle (one binding yarn)
- Take-up on external cone

#### Fanta ROC

- Two hollow spindles (two binding yarns)
- Take-up on external cone

#### Fanta FILO

- One hollow spindle
- Take-up on bobbin

#### Fanta SPIN

- Direct spinning bypassing the hollow spindle
- Take-up on bobbin



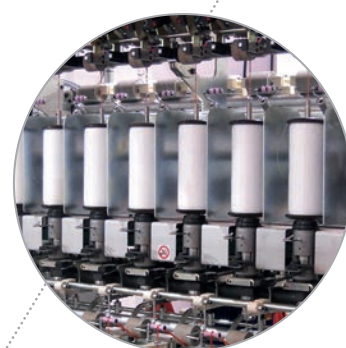
### MAIN MACHINE SPECIFICATIONS

- PLC to control the machine
- Control panel on board the machine
- Efficient control software
- Simple and intuitive graphical interphase
- Working modality selectable from the software
- Storage of the working programmes
- Diagnostics for the machine status
- Remote assistance



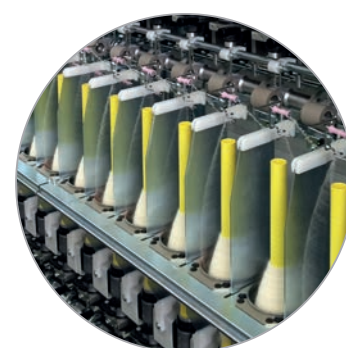
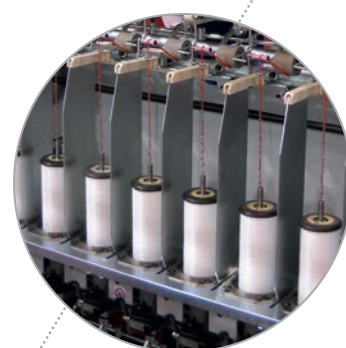
### FEEDING

- FL: from yarn
- ST: from roving or sliver
- ST1 (1 draft)
- ST2 (2 drafts). Patented. Suitable also for short fibers (cotton type)



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

- Flanged bobbin for binding yarn



### 2<sup>ND</sup> HOLLOW SPINDLE TWO OPTIONS

- Flanged bobbin for binding yarn
- Take-up bobbin



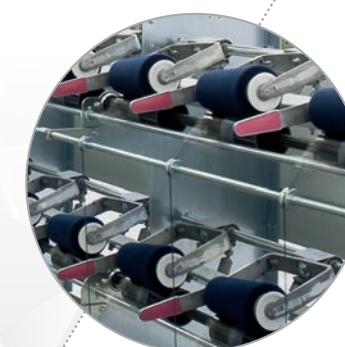
### TYPE OF YARNS

- Yarns for hand knitting
- Yarns for machine knitting
- Yarns for weaving (apparel and upholstery fabrics)
- Technical yarns



### OPTIONAL ACCESSORIES

- Needle heads
- Creel from cans
- Insertion bars
- Air-jet application
- Final yarn detectors
- Stop motions for core yarn



### EXTERNAL WINDING UNIT

- Take-up on cones placed on a double row

