

TECHNICAL CHARACTERISTICS

Version	HP: High production machine with motors inside the driving headstock.
Gauge	200 mm
No. of spindles	from 6 to 78
Take-up bobbin height	600 mm
Ring diameter	140-152 mm
Max. length	2600 mm + No. of spindles x gauge
Max. width	5000 mm
Max. height	2500 mm

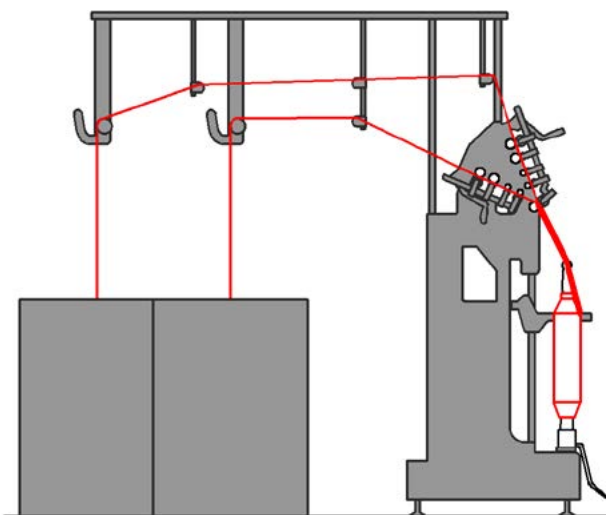
A different gauge, different ring diameters and a different bobbin height can be considered. 3-draft machines (ST3) have gauge 300 mm only.

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
Take-up ring spindles max. speed (rpm)	3000
Final yarn count (Nm)	0,5 - 4

Fanta SPIN



Our FANTASPIN 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

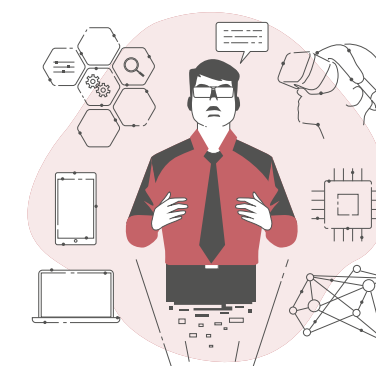


YARN G QUALITY

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!



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Fanta SPIN

**The traditional classical yarn
Machine for the production of classical plain or slub yarns**

Fancy yarns



MADE IN ITALY SINCE 1973

Fonta **SPIN**

THE TRADITIONAL CLASSICAL YARN
MACHINE FOR THE PRODUCTION OF CLASSICAL
PLAIN OR SLUB YARNS

WORKING MODALITIES

Fonta **SPIN** Direct spinning and take-up on bobbin

DESCRIPTION

Our FANTASPIN frame produces CLASSICAL PLAIN OR SLUB YARNS from sliver in cans with direct spinning and take-up on bobbin by means of ring rail. The creel from cans is supplied according to the customer's requirements. A creel to work from roving bobbins (roving frame or finisher) can be supplied upon request. It is also possible to equip the machine with an additional roller for the core yarn and the necessary creel to produce more structured yarns.

The drafting group may feature one, two or three drafts and is optimized to process also high heavy slivers. Take-up is on maxi 600 mm bobbin to reduce the number of knots in the subsequent operations (if requested take-up can be on 450 mm bobbin).

PRODUCTION FACILITIES

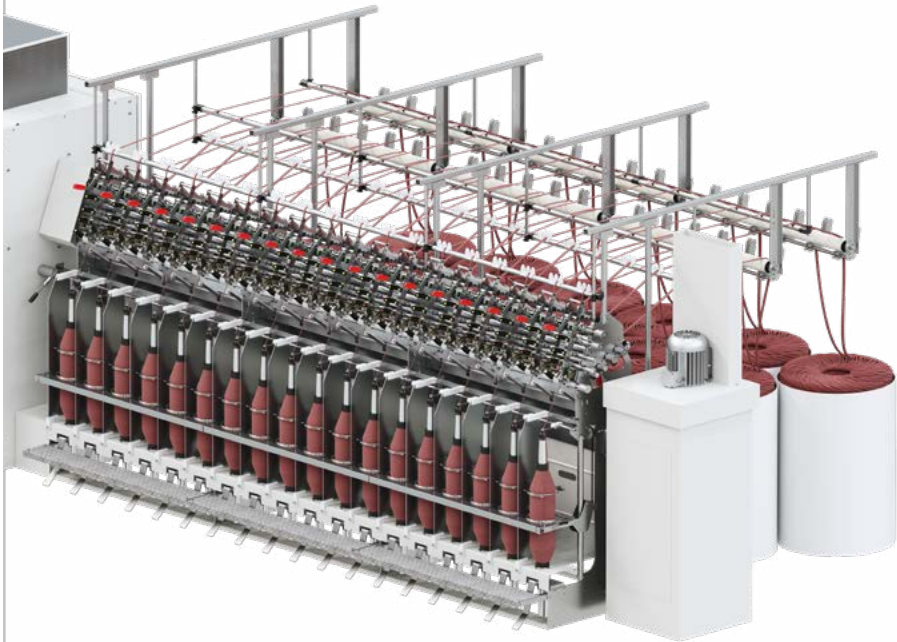
- Management software with simple and intuitive interface
- Yarn programmes and working modalities software-selectable
- Industry 4.0 ready
- Remote assistance that can be enabled directly from the machine PC
- Energy Recovery System for the optimization of the electrical consumption
- Energy G MONITORING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

TYPE OF YARNS

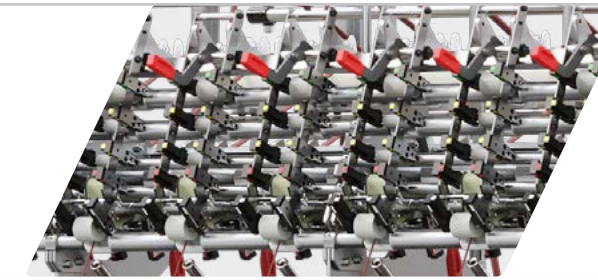
- Yarns for hand knitting
- Yarns for knitting

OPTIONAL ACCESSORIES

- Final yarn detectors
- Roller and creel for core yarn
- 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)



RING SPINDLE

- Take-up bobbin H 600 mm



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