

## TECHNICAL CHARACTERISTICS

Gauge	200 mm
Ring diameter	127 mm
Number of spindles	30
Bobbin height	450 mm
Length	8400 mm
Width	2500 mm
Height	2500 mm

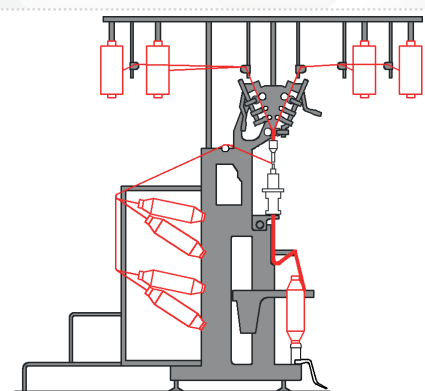
A different gauge, a different ring diameter and a different number of spindles can be considered.  
3-draft machines (ST3) have gauge 300 mm only.

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
Max. twists (tpm)	0-9999
Needle heads max. speed (rpm)	3500
Take-up ring spindles max. speed (rpm)	8800
Mechanical speed of core roller (m/min.)	185
Mechanical speed of feeding roller (m/min.)	185

spike **FILO**



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IDENTITOCREATIVEIT

**Spike** **FILO-AIR**

THE LIGHTNESS OF SOFTKNIT YARN  
Fancy yarns • Special yarns



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# Spike FILO-AIR

## THE LIGHTNESS OF SOFTKNIT YARN

Machine for the production of soft knitted fancy yarns by means of needle heads with air jet. The yarn is taken-up on bobbin. Optimized mechanical ratios to guarantee high feeding speeds.

### WORKING MODALITIES

#### spike FILO

- Needle head
- 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 interface
- Working modality selectable from the software
- Storage of the working programmes
- Diagnostics for the machine status
- Remote assistance

### OPTIONAL ACCESSORIES

- Hollow spindles
- Insertion bars for heads with 1 working position
- Final yarn detectors
- Stop-motions for core yarns

### FEEDING

ST: from roving or sliver

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

### NEEDLE HEAD

- 1 working position
- 2 working positions

### RING SPINDLE

- Take-up bobbin

### TYPE OF YARNS

- Yarns for machine knitting
- Yarns for hand knitting

