

# SpinLAB ring frame laboratory machine

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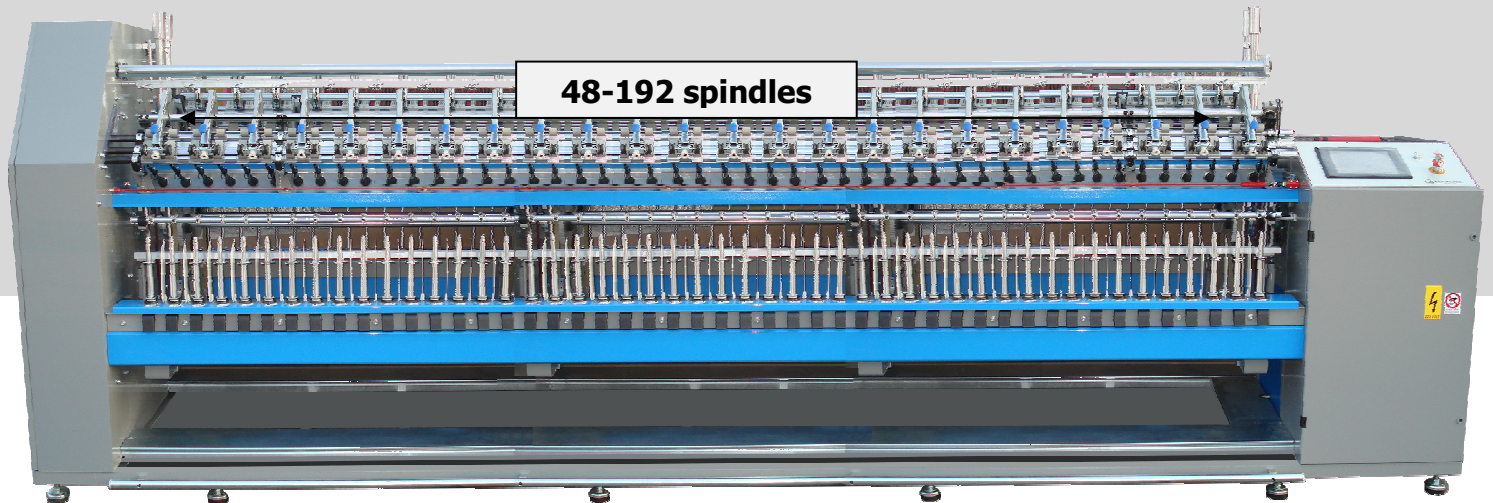


**The custom made machine  
100% Made in Italy**

	Spindles n°	cylinders n°	Fibres length	Break draft	Second draft field	Total draft	Twists	Spindles speed rpm	Double draft system	Special yarn effects	Slub yarn device	Multicount	Multitwist	recipes storage	Notes
RING LAB 6-12 BA	6 / 12	3	< 80	1.0 5.0		8 108	120 2160	5'400 25'000							Cotton and short fibres
RING LAB 6-12 KA	6 / 12	3/4/5	< 220	1.0 5.0		8 108	120 2160	5'400 20'000							Wool and long fibres
RING LAB 6-12 ZA	6 / 12	5		7.91	8 108	63.2 854.3	120 2160	5'400 20'000	✔						Sliver up to 10 gr./meter
RING LAB 16-32 BA/KA	16 / 32	3	BA < 80 KA < 220	1.0 5.0		8 108	120 2160	5'400 25'000		✔	✔	✔	✔	✔	Special effects
RING LAB 36-216 BA/KA	36/96/216	3	BA < 80 KA < 220	1.0 5.0		8 108	120 2160	5'400 25'000		✔	✔	✔	✔	✔	Special effects
CARDED RING LAB	8	3+1				1.1 2.5	140 950	2'100 9'500							With false twist head
SEMI-WORSTED RING LAB	4 / 8	6	60 230	10 32.8	2.9 12.4	29 407	72 426	4'000 8'500	✔						Sliver up to 24 gr./meter

### EASY INTERFACE PANEL BOARD

The new Sermates touch screen panel using icons gets easy to set all operating functions of machine







### **SpinLAB 6 -18 BA short staple**

- Equipped with 6 or 18 spindles
- Draft system for short fibres up to 80 mm. length
- Total draft: 12 - 108; Break draft: 1 - 8; Twist: 240 - 2160

### **SpinLAB 6 -18 KA long staple**

- Equipped with 6 or 18 spindles
- Draft system for long fibres up to 200 mm. length
- Total draft: 6 - 54; Break draft: 1 - 8; Twist: 120 - 1080



### **SpinLAB 6 -12 SA**

- Equipped with 6 or 18 spindles
- Double draft system for short and long fibres up to 200 mm. length
- Sliver feeding up to 10 gr./meter
- First draft field: 1 - 8; Second draft field 12 - 108; Twist 120-2160
- Total draft: up 800



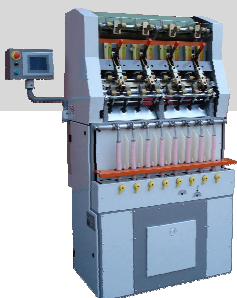
### **SpinLAB 16-32 BA/KA**

- Equipped with 16 or 32 spindles (one side)
- Draft system for short or long fibres
- Regolazione: stiro totale 12 – 108 ; prestiro 1 - 8 ; torsione 240 - 2160
- Special effects: slub yarn multicounty, multitorsion, multicounty
- Core yarn device: elastic, semi-elastic, rigid yarn



### **SpinLAB 36 -96- 216 BA/KA**

- Equipped with 36, 96 o 192 spindles (two sides)
- Draft system for short and long fibres
- Total draft: 12 - 108; Break draft: 1 - 8; Twist: 120 - 2160
- Special effects: slub, slub yarn multicount, multitwist, multicounty
- Core yarn device: elastic, semi-elastic, rigid yarn



### **SpinLAB CARDED**

- Equipped with 8 spindles (one side)
- Equipped with false twist head from 60 to 150 turs/meter
- Total draft: min. 1,134 max 2,265; Twist: min. 140 – max 950
- Tube height 240 mm.

# A right SpinLAB for all your needs

## MAIN FEATURES and OPTIONALS

A LARGE RANGE OF LABORATORY MACHINERY TO SATISFY ALL CUSTOMER REQUIREMENTS. MODULAR SYSTEM CONSTRUCTION PERMITS TO INCREASE NUMBER OF SPINDLES UP TO 216 PARTS, FOR A REAL PRODUCTION UNIT.

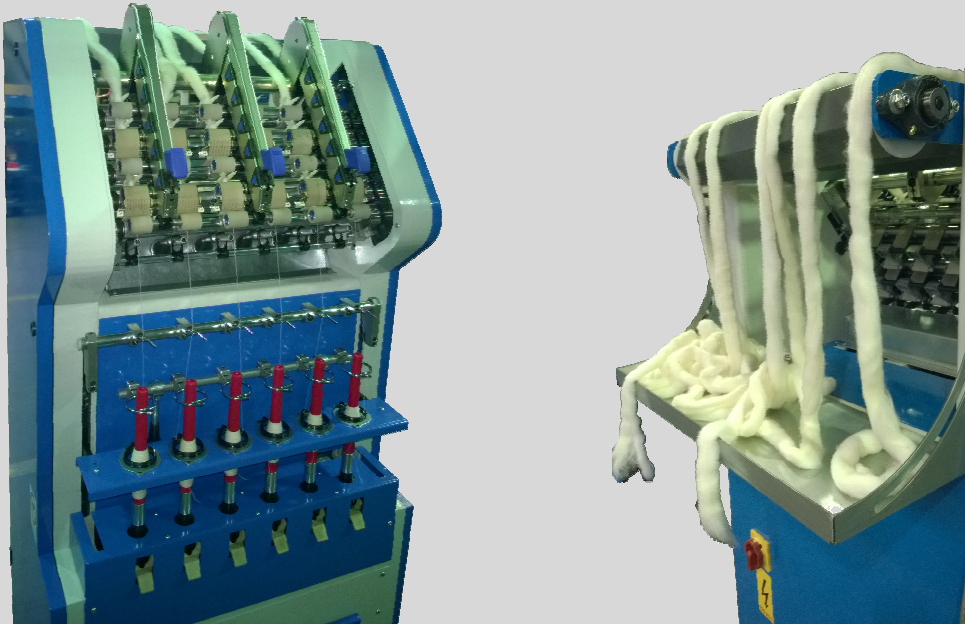
RING LAB SERIES ALLOWS TO CARRY OUT IN LABORATORY THE SAME CONDITIONS OF STANDARD RING FRAME PROCESSING. IT AVOIDS SACRIFICING A COMPLETE MACHINE FOR TESTS OR SMALL LOTS OF PRODUCTION.

ALL MACHINE ARE MOVED BY MOTOR AND INVERTER , CAN BE EQUIPPED WITH SUCTION DEVICE, CORE YARN DEVICE AND SLUB DEVICE.

POWER SUPPLY: THREE PHASES or SINGLE PHASE 50/60Hz.

## CUSTOM –MADE MACHINE

WE CAN ADAPT TO CLIENT SPINDEL DESIGN, DRAFT SYSTEM (Ex RIETER or SAURER or SUESSEN), COLOURS AND SPECIAL SOFTWARE REQUESTS.



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