SERMATES.COM

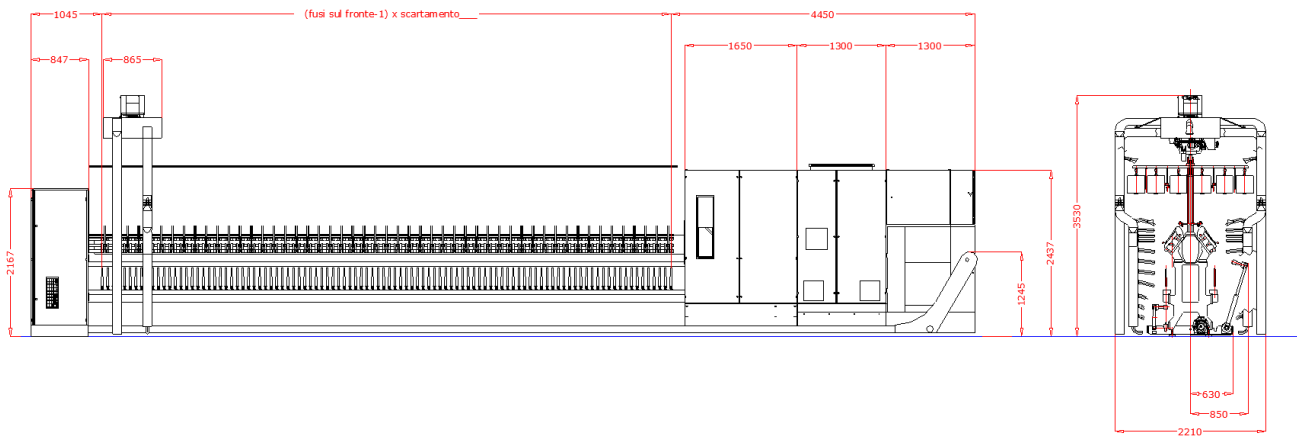"The Custom-made Machine"
Single or Double drive version

DUOSPIN "Two in One machine"
each side of the machine is completely independent.
High flexibility for small lots of production.

DUOSPIN

FIBRES   All long staple fibres as wool, natural animal hair, silk, ramie, man made fibres and their blends up to 200 mm. lengths

DUOSPIN SPINDLES NUMBER   Max 400 for each independent side (800 total)

MONOSPIN SPINDLES NUMBER   Max 900

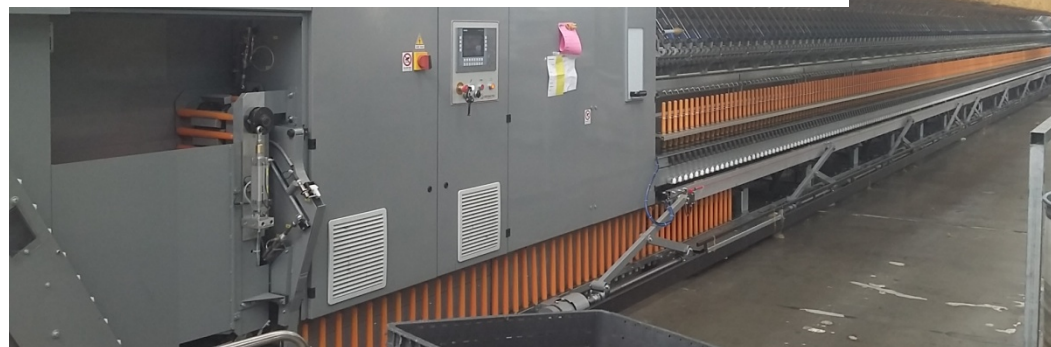GAUGE   75*mm*. - 82,5*mm*. – 90*mm* - 100*mm*.

RING DIAMETER   42*mm*. to 75*mm*.

TUBE LENGTHS   Max. 300mm.

COUNT RANGE From Nm 2 to Nm 150 or up
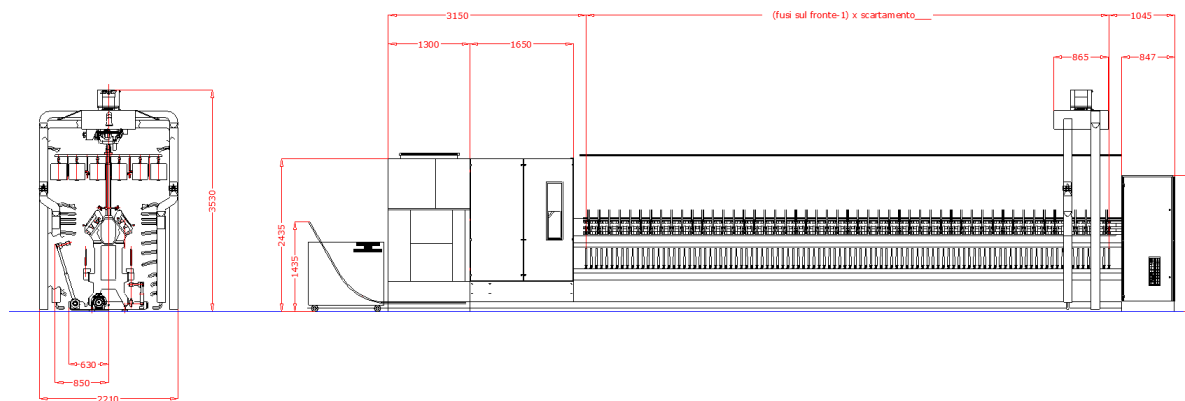
TWIST RANGE   20 -1500 T/m
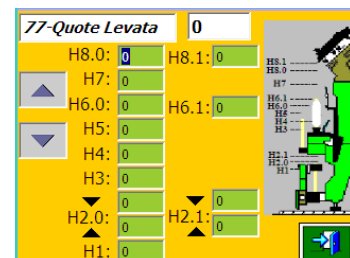
MAX SPINDLES SPEED   18.000 Rpm

MONOSPIN
The perfect machine for big lots of production.
This machine is equipped with a caddy conveyor system driven by an electric system instead of the conventional air-operated pistons,
thus ensuring less power consumption and minimizing maintenance requirements

22-Velocita` fusi (rpm)

5000	Nocciolo	6500	Fascia 5	6000	Fascia 10
6000	Fascia 1	6500	Fascia 6	5800	F.formaz
6100	Fascia 2	6500	Fascia 7	4000	Legatura
6200	Fascia 3	6350	Fascia 8		
6300	Fascia 4	6200	Fascia 9		

6400 | Stop posizionato **90** | % Stratificaz

SIEMENS — SIMATIC PANEL

######## | SER.MA.TES | TL-2

Fiammato

9,300	Titolo Ne
253,00	Torsione fronte sx
254,00	Torsione fronte dx
15,10	Stiro fronte sx
15,00	Stiro fronte dx
10	Incremento
0	Tempo mancante

0,00 m/min
0 rpm

LINEA NON INSERITA

F1 F3 F5 F7 F2 F4 F6 F8
K1 K3 F9 F10 F11 F12 F13 F14 K2 K10
K4 K5 K6 K7 K8 K9

HELP ESC ACK ENTER
HOME END
INS DEL TAB
FN SHIFT CTRL ALT

80-Quote Scarico

Range leve Indietro | Rich. tubetto | Range leve Avanti

0,0	sic leve av	0,00	vel. in carico
0,0	sic leve ind	0,00	vel. senza carico
0	Imp. ctl leve	+0	Offset encoder

Remote service assi   quick problem solving.
Easy   terface.
Production   ilar yarn lots.

MultiCount
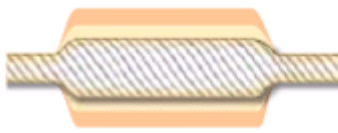
MultiTwist
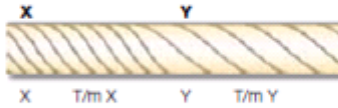
MultiCount and MultiTwist combined

Slub + MultiCount + MultiTwist

Dec   19-Ramp-acc.-dec

acc: **100** Round **60**   dec: **100** Round **70**

You do not know how to generate slub?
Just enter four values, press a button and you are ready to experiment with new yarns.
The software device allows you to create your own special effect starting from a presetting list or using the *random* function, providing also an automatic generation of slub data.

Device help me?
The device supplies all information to create yarn effects. Operator can select any parameters to get immediate results.

Am I doing the right thing?
Software automatically recognizes if some wrong data are inserted.

May I get any examples?
Software can memorize all sample programme requested.

Where can I store my recipes?
Transfer of all recipes can be easily done on a USB key.

Analysis of the special effects
Acceleration and deceleration ramps and their effects can be seen on the screen.

OPTIONALS
COMPACT YARN

The fully integrated compact system allows you to produce a higher quality yarn. Parameters of compact yarn as hairiness, tenacity and elongation are highly superior compared to conventional yarn.

Compact yarn is strong and very smooth; all the fibers are captured within the yarn twist.
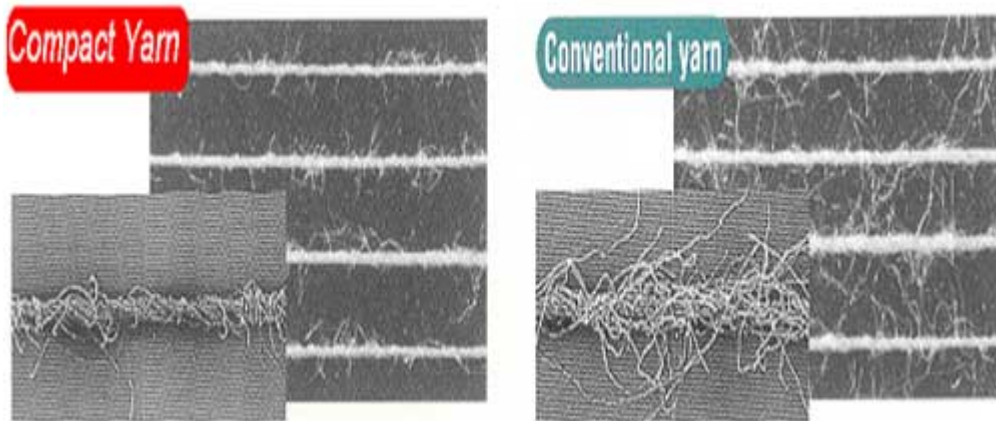
Comparison between compact yarn and conventional yarn

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