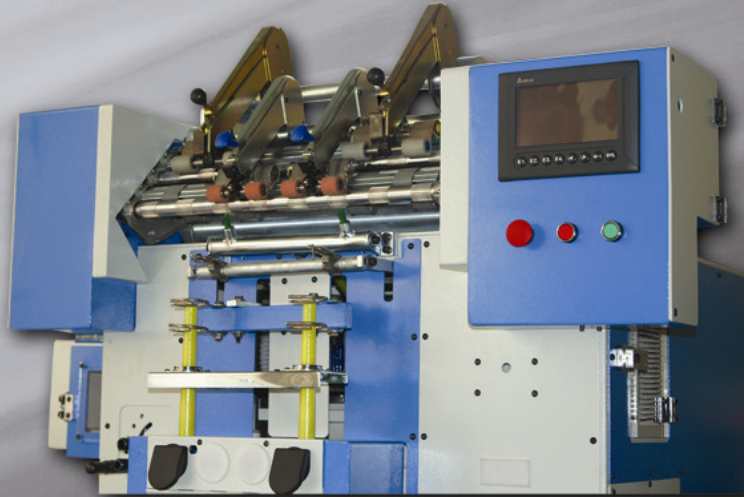


SAMPLE SPIN SYSTEM (SS-SY1)



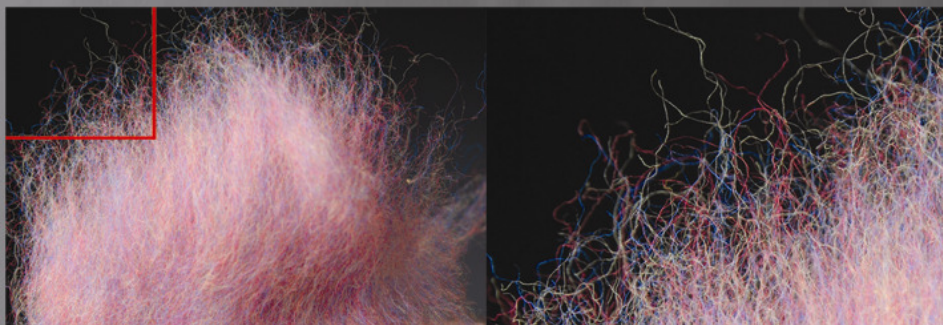
LAYCOCK TEXTILE



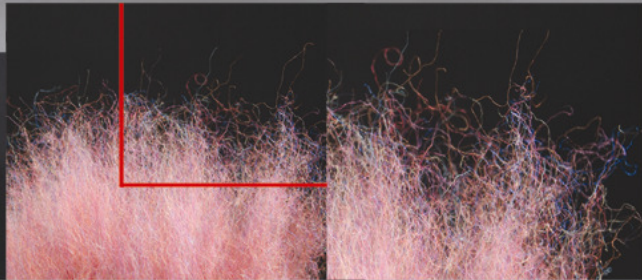
Made in 3 minutes yarn or melange from any small amount of fibre.
Incorporating German Engineering Technology Laycock Textile introduces
The Sample Spin System. The fast, efficient, time and cost saving method of producing
sample yarns in three simple steps.



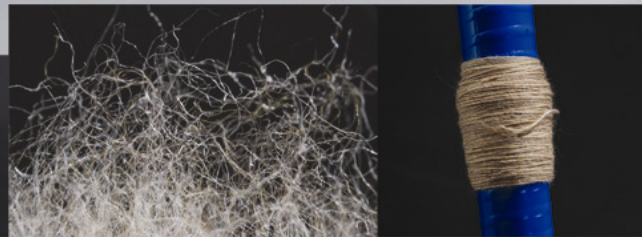
Different Coloured Fibres Homogeneity



Wool, acrylic, cotton and polyester mix

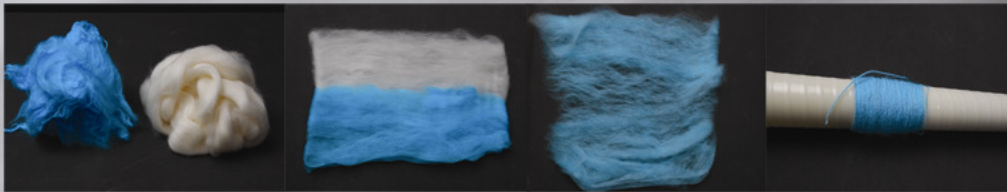


Wool, polyester, cotton mix



Wool and acrylic mix





LAYCOCK TEXTILE

CALDER HOUSE, SPRING LANE
COLNE, LANCASHIRE, BB8 9BD
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WEB : www.macaragroup.com



SAMPLE SPIN SYSTEM (SS-SY1)

Technical details:

SIZE:

Wide (W): 1180 mm.

Length (L): 1420 mm.

High (H) : 1650 mm.

POWER:

- Carding Unit 5.1 Kw/h.

- Drawing and Mixing Unit 6.2 Kw/h.

- Ring Spinning Unit 7.35 Kw/h.

All units operating at the same time: 11 Kw/h

SAMPLE SPIN SYSTEM (SS-SY)

Technical details:

SIZE:

Wide (W): 1140 mm.

Length (L): 1310 mm.

High (H): 1650 mm.

POWER:

- Carding Unit 5.1 Kw/h.

- Drawing and Mixing Unit 6.2 Kw/h.

- Ring Spinning Unit 7.35 Kw/h.

All units operating at the same time: 11 Kw/h



The Sample Spin System machine can operate on single phase or three phase and at all voltages and cycles.

Answers to frequently asked questions :

The Machine has 2 drafting units and ring spinners.

The maximum spinning speed is up to 16,500 rpm.

The twisting range is adjustable to your choice between 200 to 950 twists per metre.

You can produce your own yarn samples for knitting purposes.

You can produce your own yarn samples for weaving purposes.

Suitable for most types of mixed fibres, for example: bamboo with silk, cotton with viscose, wool with acrylics and all other combinations are possible as you wish to be more creative and competitive in your market.

No adjustments of the machine are required to produce different kinds of yarns.

The machine has a compact size and weight and can easily be moved by one person.

The machine has been designed and produced to be totally user friendly.

The machine produces exactly the same colours and homogeneity as in the real spinning mill.

Uses a very small amount of fibre (i.e. only 5-10 grams of fibre can be used for each trial).

The machine can produce very quick and real samples in only 3 minutes.

Only one operator is needed to make the samples.

One operator can easily create 70-80 different samples in one shift.

More details for the machine and our company philosophy ...

We are the sole owner of the machines, both machines were invented, upgraded and patented by our company.

There is no similar machine available in the world.

The highest quality materials of mechanical and electronic components are used for optimum performance and longer life.

As our web page states one of our reference companies, where our sample spinning machine has been running for more than 120 days, has already created over 6,500 different kinds of coloured samples. As you are aware this volume of sample production is impossible in a real spinning plant in 5 years.

In order to give 100% confirmed customer satisfaction, most of the important mechanical and electronic parts are source and tested from top European Producers who are accredited with CE and ISO certification enabling us to offer a one year guarantee on the machine.

"To increase competitiveness quality of products, the textile industry requires investment in technology to meet new challenges"

BE CREATIVE AND MAKE YOUR OWN REAL COLOURS AND HOMOGENEITY

By using only 5-10 grams of selected fibres and colours you can create your own "real" colour and effects sample yarns. Once you have created your own colours and effects on the sample yarn you can then apply the same to your Ring/O.E spinning mill in actual production conditions. When you have bought this machine you and your company will benefit from the following:

- 1 - By purchasing a single SS-SY or SS-SY1 (Sample Spinning Machine) in only 120 days you have the capacity to create up to 6,500 samples of different colours and blends. Our reference company has already achieved this target. Each sample can be processed in only five minutes.
- 2 - Cost savings can be made when producing samples on the Sample Spin System as against being made on a production unit. In a regular spinning mill, to create 6,500 sample yarns of various colours and effects would cost in the region of USD 50,000 worth of waste fibre. Another cost of approximately USD 50,000 would be spent on electricity and spare part consumption. Add to this the man hours required and the down time of the production unit a quick calculation proves that the Sample Spin System will soon repay the initial investment.
- 3 - Importantly you do not need to stop production in your spinning mill. All your samples can be producing using the smart and quick Sample Spinning Machine fitted with 2 ring spindles.
- 4 - An end to lost production.
- 5 - One man can operate the machine.
- 6 - The machine takes up a small amount of floor space, less than two square metres.