

Giese in the world market

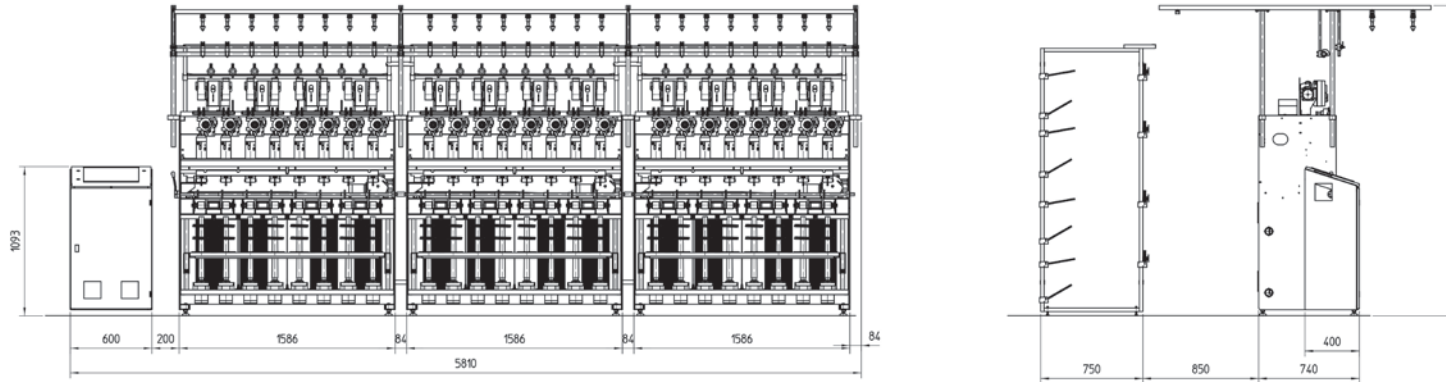
Giese machines are able to guarantee high quality yarns with high production capacity at the lowest possible operating costs.

Precision of mechanical execution:

- Full Electronic control of all parameters
- Maximum Flexibility (control every 2 or 8 spindles)
- Easy Operation
- Extreme softness with high volume of produced yarn



LAYOUT ROTOSOFT



ROTOSOFT

Another very peculiar characteristic of this machine are the motors, based every 2/4 spindles with high acceleration capacities and offering an easily turning from one article to the other, in a large range of items. The electronic component of our machine is tested on a 50 years experience and the constant improvement of same has let us reduce the mechanic component considerably, reducing also the maintenance and limiting the number and the length of interventions. By said electronic improvement switching from one item to the other has become easier and quicker.

TECHNICAL CHARACTERISTIC

Spindle gauge	180mm
Bobbin height	450mm
Max Number sections (8 spindles)	8 Modulus (64 spindles)
Ring size	115/127 mm
Yarn count range	Up to Nm 16
Production speed	8-15 mt/mm
Max Spindle Speed	8.500 / Rpm
Absorbed Power (Each 8 spindles)	3,2 Kw

rotosoft

Bulkysoft yarn machine



GIESE s.r.l.

Via Sandro Pertini 86/88 - 50019 Sesto Fiorentino (FI) ITALY

Tel. +39 055 4251002 Fax +39 055 4251001

email: info@gieseitaly.com



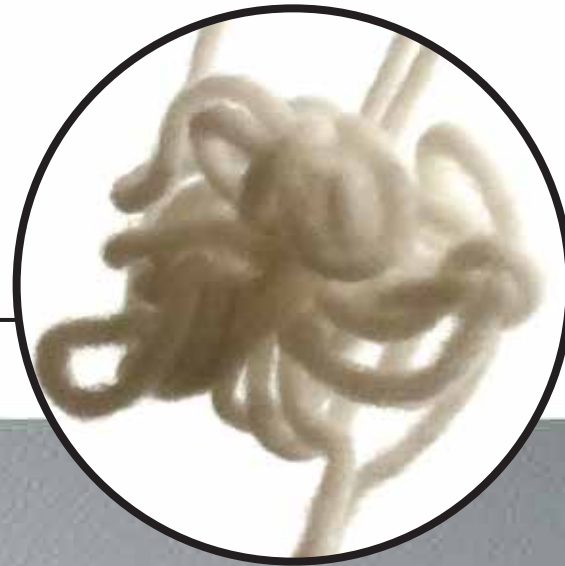
rotosoft

Bulkysoft yarn machine

Fashion trend, especially in the knitwear field, are more and more focused and demanding yarns with bulky look, soft touch and light weight. The main characteristics of **ROTOSOFT** machine consists in the production of yarn obtained with a fiber roving or sliver, combed out by a pinned rotor wheel and inserted into a tubular chain yarn produced at the same time (with one additional filament or staple thread) by the needles head placed right underneath the rotor unit. Such combination gives the following results:

- Maximum volume of the yarn
- Extreme lightness, elasticity and resistance of the yarn

The above features of the machine will determine specific characteristics of the final Knitted garment which will have then a very soft touch and high bulky look but with extreme light weight.



The **ROTOSOFT** machine has been designed and realized for high versatility functions in order to fulfil the various demands of the yarn fashion-market. Each section is composed of eight positions with possibility of different yarn style every 2 – 4 or 8 spindles. The driving headstock with standard PC touchscreen can drive up to 64 spindles with independent ring rail every 8 spindles.



Machine for the production of ultralight and voluminous yarn (**BULKYSOFT**) with the needle heads system and insertion of fibers from roving/silver.



By some simple adjustments, which precision is granted by the electronic control system the **ROTOSOFT** can be easily set up to produce yarns that repeat exactly the quality and characteristics needed by the garment design both in hand knitting and machine knitting. The possibility of using different yarn types for the tubular net and different type of fibers for the inserted effect make the **ROTOSOFT** a flexible machine that fully meets all the production requirements.



The number of spindles suggested to assign to an operator depends on the yarn count produced. Indicatively for count Nm 2 can be up to 120 spindles, with a production of approximately 330 Kg of yarn in the 8 hours, which are becoming the approximately 1000 Kgs in the 24 hours.

The production capacity is granted by a speed which can be 8-15 mt/min and this is thanks to the use of cams made of special tempered steel, with high mechanical precision for a remarkable rapidity of motion. The control of the core thread through the sensors, the possibility of inspection on the Rotor wheel, the control on the forming of the chain tubular net, the high speed of the needles and the precision and maintenance free system of the motorized spindles make the **ROTOSOFT** a very productive and easy machine to run.

