

Pesafil®

YARN WEIGHING AUTOMATIC SYSTEM FOR TEXTILE TECHNOLOGY

advantages

1 sampling

quick, precise, reliable
responses and correct costs

2 costs

real-time cost of the yarn used

3 consumptions

obtaining the real consumption
of the yarn being processed

4 management

efficient management of the textile
department and yarn warehouse

5 quality

absolute precision in production
quality control

6 innovation

reliability, precision and innovation in
textile industry management



Sviluppi Tecnologie Tessili

Via Bonfiglio, 28
46042 Castel Goffredo Mantova, Italy
C.Fisc. e P.IVA: 02475550204

Patented system
N°1417620

www.essett.it - info@essett.it

 Made in Italy



Pesafil®

it is an innovative patented automatic weighing system of the real processing of each yarn in textile machinery especially for men/women hosiery, seamless technology and weaving in general.

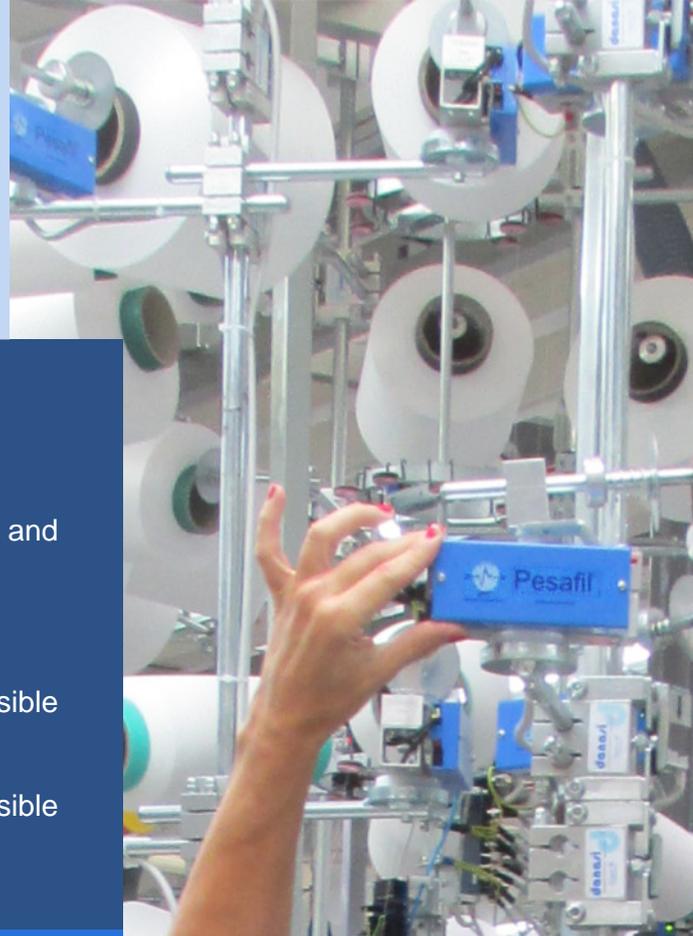
The system may be positioned anywhere on the yarn spool.

It is like a small bracket located under the spool holder.

The good working is performed in standard dampness and temperature conditions and with lubricating oil. Spoons up to 7,00 Kg may be used with +/- 0,10 g resolution.

A sophisticated electronic system neutralizes any possible vibration in the supporting structure of the yarn.

It is furthermore protected by a safety device from any possible accidental fall of the spool.



a new, reliable, precise and innovative system...

... in the management of textile industry



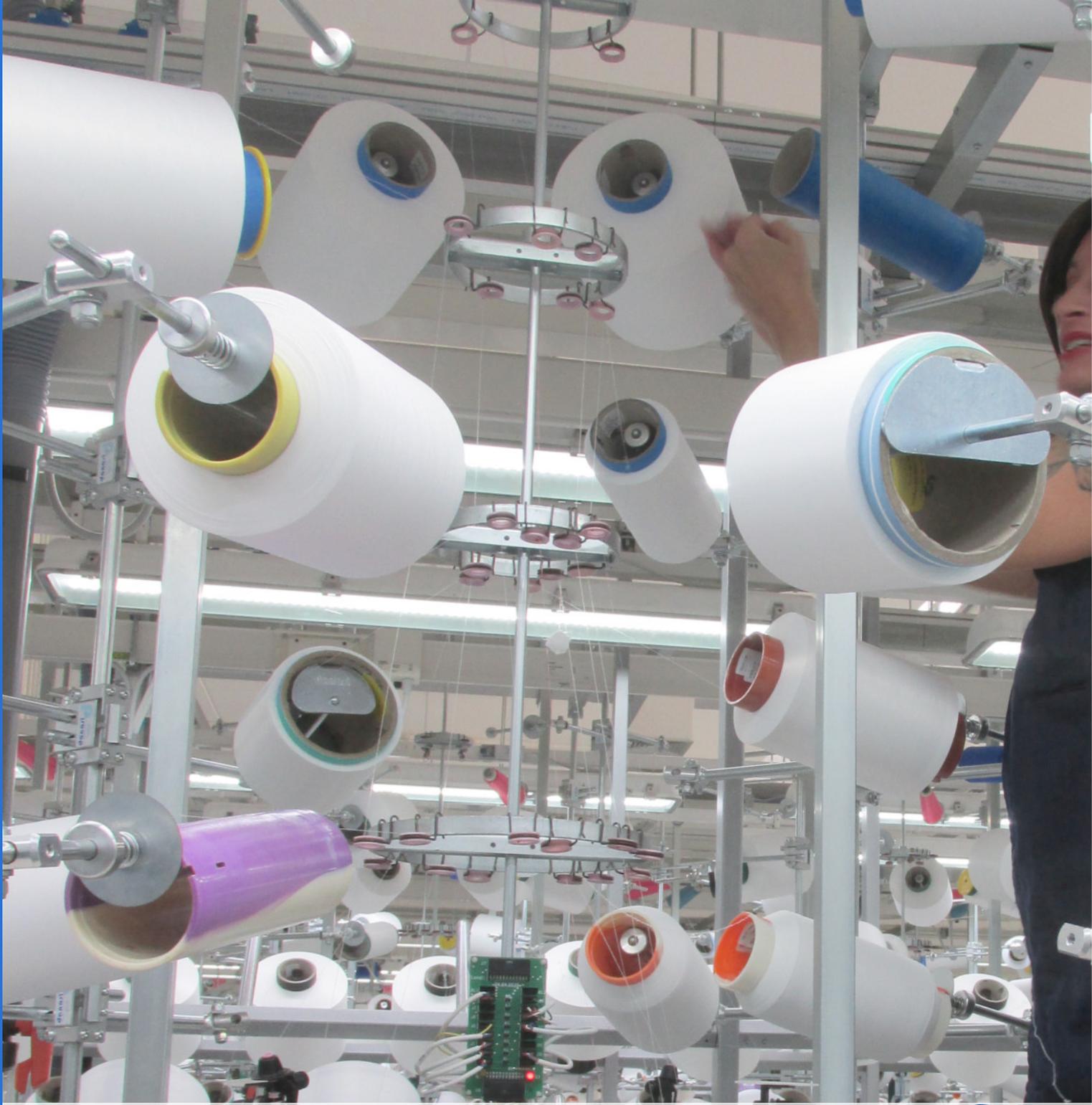
Pesafil®

is composed of a central processing unit monitoring immediately up to 30/40 positions/scales on each machine. It memorizes values on the spot and, through a specific software, conveys them to a database processed by the computer system of the firm.

All the central processing units work through the firm Wi-Fi though connections to the computer are feasible through an ethernet cable.

Upon request, a touch-screen display collecting data on the spot may be installed on each machine.

Through one of these options, the operator may learn the values of consumptions, configure the yarn cards, carry out tests, setups, software updating etc.



without **Pesafil®**

lower quality, uncertain costs, approximate yarn consumptions and waste of time



Pesafil®

a led system shows the operating conditions:

- the green led indicates feeding and everything else is regularly working
- the yellow and green leds together, through a flash code, signal the kind of malfunction
- two highly-bright red leds show malfunction and downtime.

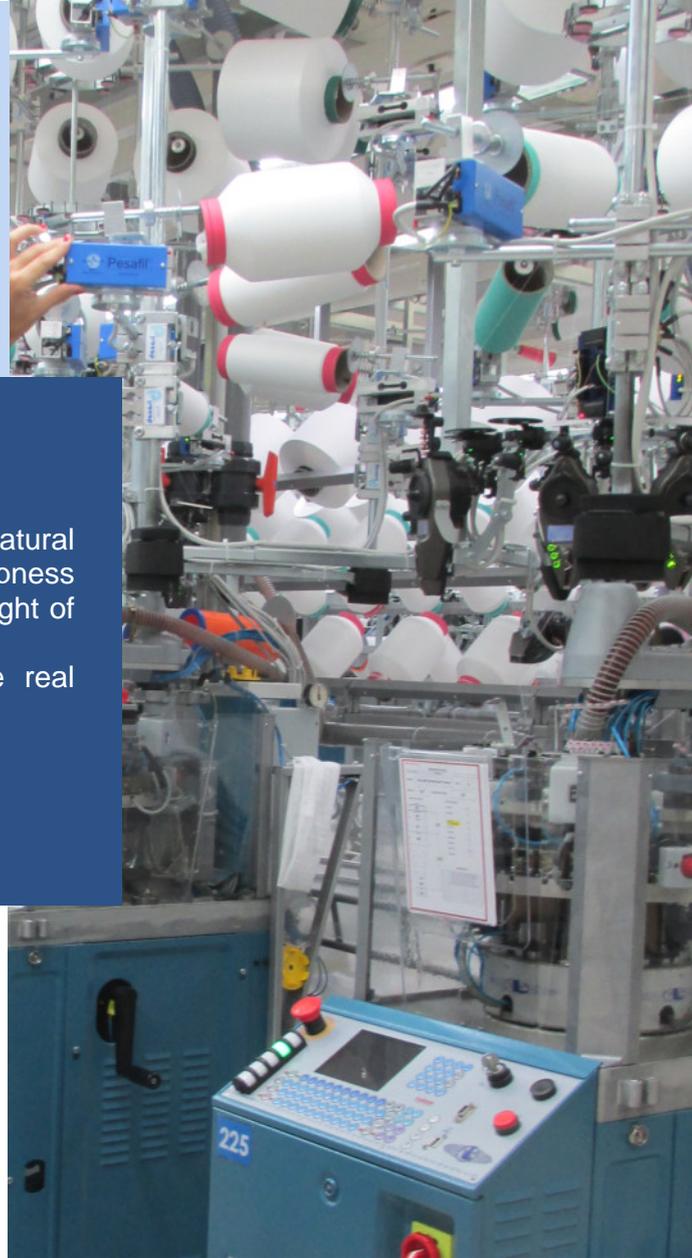
Each Pesafil® reads the weight of every single spool and immediately processes the real consumption of the yarn. This is basic during the sophisticated sampling phase where precision and a prompt response are essential. The number of pieces being manufactured is thus lowered.

By inserting a card reporting the cost of the yarn being used, **the cost of the manufactured sample is immediately given.**



with **Pesafil®**
...everything is **easier**

During the production phase, PESAFIL monitors the daily, weekly and monthly consumption of all the kinds of yarn used in the weaving department. Advantages are evident in order management, industrial costs and warehouse control.



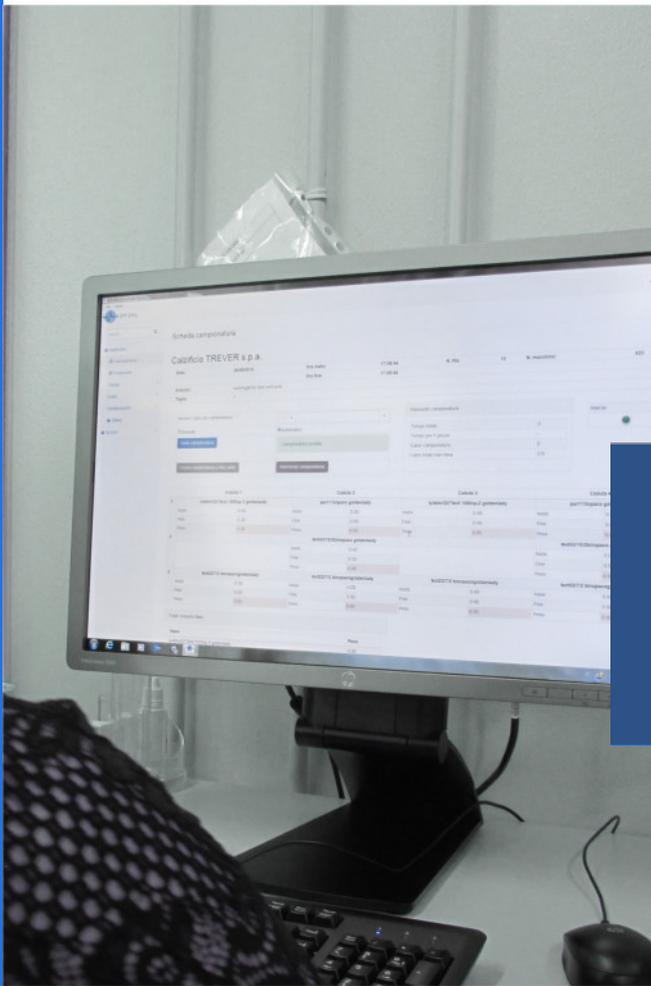
Pesafil® lends itself to further applications when using natural fibres, especially cotton. Thanks to a temperature and dampness integrated system, the environmental impact on the real weight of the yarn used may be assessed. Once the order is completed, you can finally know the real consumption of the yarn and the real costs incurred.

avoiding waste...
...downtime
quality control...

Further interesting applications: by setting the standard weight of the work-in-progress, should a +/- shift from what pre-set be registered, the central unit is immediately warned for:

- ▶ outsizing
- ▶ off-balance feeding
- ▶ a wrong out-of-standard yarn is being used

by setting the tare of the threadguide tube/spool, the system detects this approaching value (which corresponds to the end of the yarn being processed) thus avoiding waste and downtime.





COST AND CONSUMPTIONS...
...within reach of mouse

Pesafil®

YARN WEIGHING AUTOMATIC SYSTEM
FOR TEXTILE TECHNOLOGY



Our Research and Development Centre is carrying out new innovative projects and is always available to consider various proposals aiming at an efficient collaboration with customers.



Sviluppi Tecnologie Tessili

Via Bonfiglio, 28
46042 Castel Goffredo Mantova, Italy
C.Fisc. e P.IVA: 02475550204

Sistema Brevettato
N°1417620

www.essett.it - info@essett.it

 Made in Italy