

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 $\pm 0,10$ 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



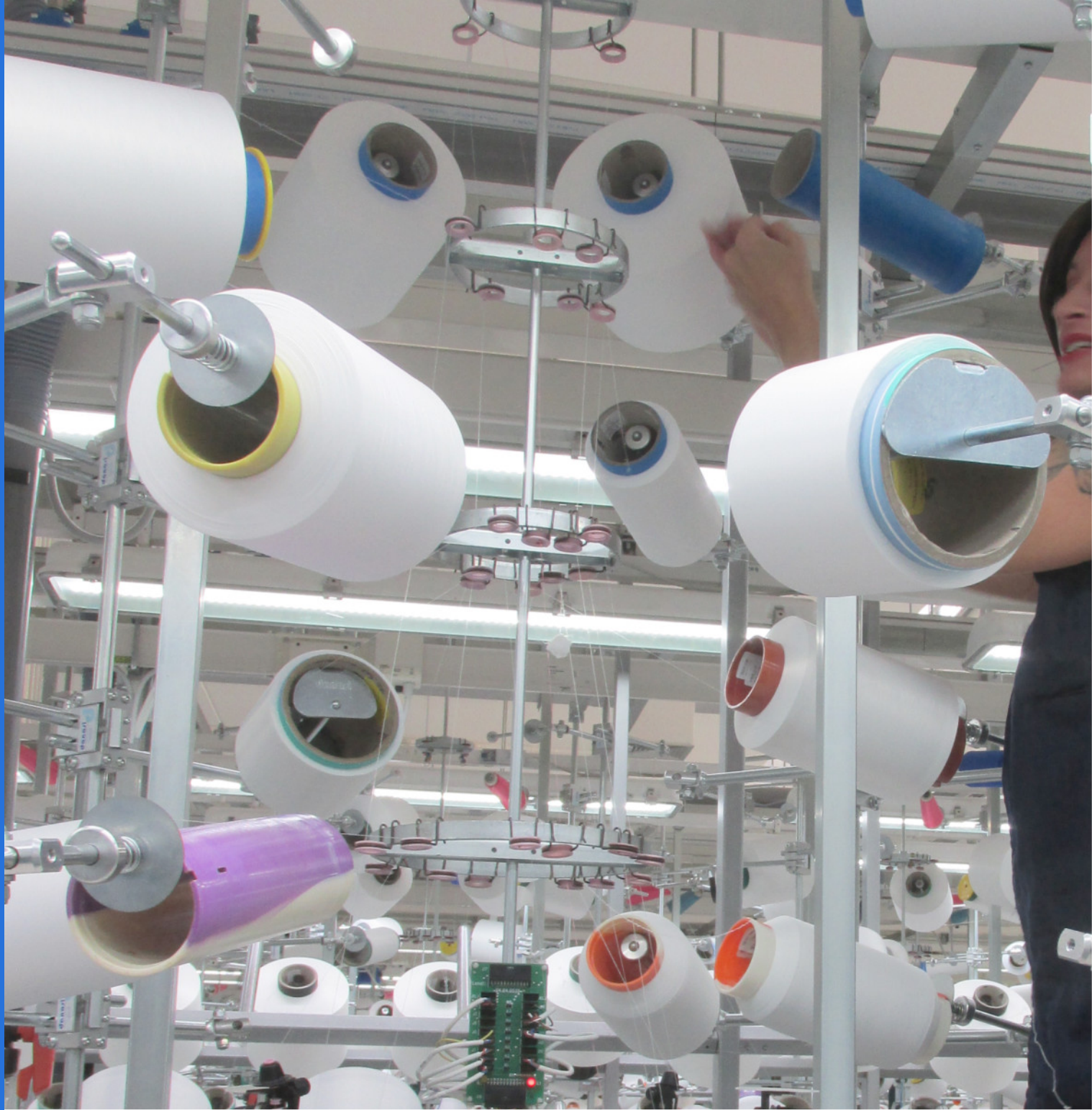
Pesafil®

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**

A large industrial textile factory with many spinning machines and large spools of white yarn. The machines are complex, with various gears, belts, and sensors. The spools are arranged in rows, and the overall scene is one of a busy, modern manufacturing environment. A blue control panel with a screen and buttons is visible in the foreground.

A large industrial textile factory with many spinning machines and large spools of white yarn. The machines are complex, with various gears, belts, and sensors. The spools are arranged in rows, and the overall scene is one of a busy, modern manufacturing environment. A blue control panel with a screen and buttons is visible in the foreground.

A large industrial textile factory with many spinning machines and large spools of white yarn. The machines are complex, with various gears, belts, and sensors. The spools are arranged in rows, and the overall scene is one of a busy, modern manufacturing environment. A blue control panel with a screen and buttons is visible in the foreground.

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



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