



**PIRANDELLO  
& GREGORINI**  
EXCLUSIVE YARNS, DYEING AND PRINTING

## SUSTAINABILITY POLICY

Through its *Sustainability Policy*, Pirandello Cinque introduces to stakeholders its medium-long term strategic guidelines on sustainability.

With the aim of bringing the Company towards an increasingly complete integration of environmental and social aspects into its way of working, the policy focuses on some priority points:

### **Improvement of health and safety in the Company;**

Through the annual provision of training courses, the Company aims to create an ever-increasing awareness of health and safety aspects within its departments. Training helps to spread responsible and aware behaviors, which do not put at risk the health and safety of all the people involved in the production and related processes. The use of certified materials and systems guarantees employees the safety standards that allow them to operate in a healthy and safe environment.

### **Promotion of a responsible supply chain that respects the environment and the fauna;**

Pirandello Cinque defines and shares the social, ethical and health standards with its suppliers, asking them to be adopted in the supply operations. This conduct reduces the risk within the supply chain of operating in conditions that can harm the environment or the fauna that relate directly or indirectly with the production dynamics of raw materials and semi-finished products. The Company regularly carries out compliance checks with respect to the standards defined with its suppliers, in order to monitor the application of the established terms, correct any critical situations, promote the continuous improvement of suppliers' sustainability practices for the future. Pirandello Cinque applies a strict and continuous review and monitoring of prohibited or limited substances in raw materials and production processes, with particular attention to REACH and OEKO-TEX Standards.

### **Reduction of environmental impacts;**

The policy of reducing environmental impacts passes through multiple processes.

Firstly, to increase energy efficiency, reduce waste and CO2 emissions:

- all the new installations recently installed, including dyeing autoclaves, compressed air systems, drying machines and goods handling systems, use between 10% and 29% less electricity than those in plants of first generation.
- 100% recycled printer paper is used in the company.
- In the goods packaging department the Company uses recycled boxes and recycled packaging films.
- All company handling vehicles are equipped with electric drive, therefore completely without engines that generate CO2 emissions.

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- Pirandello Cinque has promoted a gradual reduction of electricity consumption through the progressive replacement of materials and plants with other having better efficiency, including lighting systems, inverters, hydraulic pumps installed in all departments.
- The Company is implementing an electricity production plant on its properties using the latest photovoltaic panel technologies, which will shortly allow the company to produce energy from renewable sources and to be self-sufficient for about 50% of its own energy needs.
- Fundamental is the technology of dyeing autoclaves which Pirandello Cinque is equipped with, so-called "air cushion", which allows to achieve multiple advantages:
  - it allows the customer to receive the exact quantity of goods requested (a circumstance that is impossible with "fixed quantity" autoclaves) and therefore generates a significant reduction in raw material waste (yarn);
  - it allows to minimize the quantity ratio per batch or to use the quantity of water strictly necessary for the dyeing processes thus generating a reduction in water use between 25% and 30% compared to traditional technology. The result is the proportional reduction in the use of steam and thermal energy necessary to bring the water up to requested temperature.
  - The air cushion reduces heat emissions inside the wards, avoiding heat loss.
  - allows the energy recovery of the water used for dyeing processes, facilitating the heating of water for subsequent dyeing processes, reducing the use of steam and thermal energy.
- The range of products offered includes regenerated or 100% recycled yarns, made of natural, artificial or synthetic fibers, certified according to the best standards set at a global level.

Secondly, to raise awareness among employees on environmental impact issues, in carrying out daily actions:

- the employees are trained about the destination of each type of waste
- the Company regularly promotes and communicates to employees the actions to be taken for the separate collection of waste, the reduction of energy waste and safety measures aimed at reducing potentially dangerous actions for the environment.
- responsible behavior is promoted aimed at reducing waste and waste production
- Pirandello Cinque has joined the waste traceability system through the RFid system which monitors the quantity and quality of the waste produced.

Pirandello Cinque operates daily with the aim of achieving an increasingly sustainable production system, in harmony with the environment and in compliance with the natural balance of the surrounding territory, inviting its customers to create creative and innovative textile products, with the added value of sustainability.

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