

Innovation and inclusion for a sustainable future

Agripak, a benchmark in extrusion and thermoforming technology with over 70 years of experience, has introduced new developments to improve the efficiency and sustainability of its production lines and confirms its leadership in sustainable innovation, anticipating market needs with efficient and environmentally friendly processes.

Diversity and inclusion, responsible use of resources and reduction of carbon emissions, occupational health and safety and responsible procurement practices are crucial elements for a successful transition to a greener future.

Fabio Terragni, president of Agripak, is well aware of this and this is why the company's commitment to sustainability is so deep, embracing broad strategic issues in pursuing this goal. In the international industrial panorama, Agripak stands out as a model of excellence for its ability to combine technological innovation and social responsibility. The Milanese company, led by Fabio Terragni, represents a virtuous example of how a company can generate value, reducing environmental impact and promoting inclusive and integrative policies.

Agripak has established itself as a leader in the application of advanced technologies for the production of sustainable plastic materials. What are the latest innovations?

«We have two leading innovations: flat die expansion and co-extrusion for the reuse of recycled materials. Flat die



THE DIKTAT

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expansion technology allows for the insertion of micro air cells into the plastic, reducing its density by up to 40 percent. This process allows for a reduction in the consumption of virgin polymers; a reduction in the energy required for production; and a promotion of the recycling of end-of-life products, with a significantly lower environmental impact.

Coextrusion, on the other hand, allows the integration of post-industrial and post-consumer recycled materials, maintaining the appearance and functionality of the product thanks to an external barrier in virgin raw

material. This approach has become essential in a market where the availability of recycled raw materials is growing and regulations are pushing towards the adoption of sustainable materials.

These technologies represent a concrete response to global challenges. Today more than ever, it is essential to develop solutions that reduce environmental impact without compromising product quality and performance. With expansion and co-extrusion, we not only reduce costs, but we offer a model of sustainability that can be replicated in various industrial sectors".

What does being sustainable mean to you?

"Being sustainable means building strong and inclusive relationships with the people who live on this planet. This principle is reflected within the company, where we work to ensure equal opportunities and a welcoming and collaborative environment.



Fabio Terragni

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Agripak operates according to high standards of governance, ensuring transparency and accountability in all its activities. The company's leadership understands the importance of maintaining an open dialogue with all stakeholders, from employees to customers, from suppliers to shareholders. This approach has allowed us to build a long-term business,

based on strong values and a global vision."

How does your concrete commitment to sustainability manifest itself?

"Agripak's approach is not limited to the technological dimension. The company has been committed for decades to promoting a culture of sustainability, investing in research and development to ensure that every innovation has a positive impact on the environment. This translates into the production of reusable and recyclable packaging, with

the Cartonplast technology invented by my father Marco Terragni, but also in projects such as the development of macrofibres for reinforcing concrete, an ecological alternative to the use of metal reinforcements".

Where are Agripak macrofibres applied?

"Agripak macrofibers, obtained through a process perfected over the years, find application in industrial flooring, roads and airport runways, reducing microfractures and extending the useful

life of buildings. This approach not only improves the sustainability of the building sector, but demonstrates how innovation can respond to practical needs with environmentally friendly solutions."

What are your next goals?

"We will continue to invest in research and development to address global challenges and to lead the transition to a more sustainable economic model, developing solutions that combine innovation, inclusion and respect for the

environment. We want to further develop the technologies needed to produce packaging that can be reused over 100 times. We are perfecting a project with a customer in Australia to make fish boxes that can be reused up to 25 times, washed and then reused to make other boxes. We are also developing new technologies to make plastic pallets using polypropylene sheets (called cartonplast by my father), which will lead us to produce washable pallets, reusable n times and recyclable to make other pallets, unlike wooden ones that cannot be recycled at the end of their life. We have registered the model of a pallet made with cartonplast sheets at European level and we are developing the technology to produce it on an industrial level."

The Runchallenge Project

In addition to its environmental commitment, Agripak stands out for its inclusive social policies.

Fabio Terragni has made inclusion a founding value, promoting initiatives that focus on people's well-being and the strengthening of the social fabric. A concrete example is the participation, now for eight years, in the Playmore Runchallenge project, an inclusive running initiative that originated in Milan and quickly spread to thirteen cities in Italy and Europe, leading 4,500 runners to run, including 1,250 disabled people. Through this project, Agripak contributes to creating opportunities for integration for people of all ages and backgrounds.