

Hygiene Machinery Update

A survey of what equipment suppliers are innovating in the personal care segment

BY KAREN MCINTYRE, EDITOR

Angelini Technologies - Fameccanica

The landscape of the hygiene machinery market remains dynamic, presenting both challenges and opportunities, particularly when viewed from the perspective of machinery suppliers. The market continues to be dynamic and two primary factors drive the competition: the emergence of new markets in developing countries, where demand for high-quality machinery is on the rise, and the strategic focus of developed nations on the incontinence segment and related services.

In this context, Angelini Technologies - Fameccanica is growing and maintaining its leading position by adopting a multifaceted approach. The company's ability to cater to both emerging and mature markets through distinct product strategies has been a key differentiator. Moreover, Angelini Technologies - Fameccanica's unwavering commitment to innovation, encompassing advancements in both technologies and services, has played a pivotal role in sustaining its competitive edge. Notably, the company has embraced a robust digital journey strategy, further enhancing its ability to meet evolving market demands and maintain its leadership in the hygiene machinery sector.

Sustainability and innovation at Angelini Technologies - Fameccanica are two sides of the same coin, as demonstrated by its dedicated efforts towards achieving the LIFE ALL-IN revolution a transformative initiative aimed at delivering a more sustainable product to our customers. This innovation involves the implementation of new, in-line processes that significantly enhance the environmental footprint of its products.

The primary challenge it encountered in realizing the LIFE ALL-IN concept was ensuring the seamless integration of these new processes into its production line.

One of the main challenges it faced was the need to effectively process a diverse range of raw materials while maintaining optimal production speed. Striking the right balance was crucial to prevent any adverse impact on the final product design. Its objective was to not only meet sustainability goals but also to deliver tangible benefits to its customers in terms of cost-effectiveness and operational efficiency.

Overcoming these challenges required a meticulous approach to research, development and implementation. By addressing the complexities associated with processing diverse raw materials while upholding production speed and product quality, it has successfully achieved the LIFE ALL-IN revolution. This ground-

breaking initiative stands as a testament to its unwavering commitment to sustainability and its ability to overcome challenges in pursuit of innovative and environmentally responsible solutions.

Angelini Technologies - Fameccanica has also achieved over 1000 current patent rights worldwide, embodying more than 230 unique inventions, and in 2022 has been ranked among the Top 200 Sustainable Companies in Italy in the Sustainability Award 2023.

The LIFE ALL-IN technology represents a paradigm shift in the production process of absorbent hygiene products (AHPs), offering several key advantages that contribute to creating a more sustainable product. These include in-line material creation, CO2 emissions reduction, cost reduction and industry restructuring and environmental friendly practices.

In essence, LIFE ALL-IN technology not only enhances operational efficiency and cost-effectiveness but also positions companies at the forefront of sustainability in the AHPs and nonwoven industry. This innovative solution exemplifies how advancements in technology can catalyze positive transformations, fostering economic and environmental benefits concurrently.

Beyond sustainability, a key demand is flexibility, wherein customers seek machinery that can accommodate diverse product structures within the same system. The ability to implement smart and rapid size changes without negatively impacting the Overall Equipment Effectiveness (OEE) of the machine is critical. This flexibility empowers our customers to produce varying product configurations efficiently, enabling them to meet market demands and maximize production volumes.

In response to these demands, Angelini Technologies - Fameccanica is continuously engaged in developing new products and technologies. By staying at the forefront of innovation, it aims to provide solutions that not only align with sustainability goals but also address the broader needs of its customers. Its commitment to flexibility is reflected in its ongoing efforts to introduce cutting-edge products and technologies that set new standards in the hygiene machinery industry.

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