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## TRANSFORMING WASTE INTO HIGH-QUALITY PAPER

**Favini is a renowned Italian company specializing in the production of high-quality paper and innovative solutions for various industries. With a history dating back to 1736, Favini has established itself as a leader in the paper industry, known for its commitment to sustainability, innovation, and excellence. The company offers a wide range of products, including specialty papers for packaging, printing, and creative applications, as well as eco-friendly solutions that cater to the evolving needs of its customers.**

# FAVINI

One of Favini's primary aims is to promote environmental sustainability through recycling and waste management. The company applies the "waste hierarchy" principle, which prioritizes initiatives to prevent and reduce waste production, followed by recycling and recovery efforts. By implementing advanced recycling technologies, Favini transforms waste materials into valuable resources, contributing to a circular economy and reducing the environmental impact of their operations.

Favini's commitment to sustainability is evident in their continuous efforts to develop eco-innovative papers, such as the "Paper from our Ecosystem" collection, which incorporates recycled fibers and by-products from other industries. This approach not only conserves natural resources but also reduces the carbon footprint associated with paper production. Ecological paper was born from the industrial symbiosis between the textile and paper sectors Refit Wool and Refit Cotton by Favini: the by-products of wool and cotton processing become raw material for the production of high quality ecological paper, according to the logic of creative reuse of the circular economy.



Cutting Mill SM 300

**Transforming textiles to fibers for paper**

The SM 300 is a powerful cutting mill designed for a wide range of applications, including the recycling of various materials such as paper, plastics, and organic waste. Its robust construction and high-speed rotor make it particularly effective for pre-crushing tough and fibrous materials, ensuring efficient and uniform size reduction. The SM 300's versatility and efficiency make it an ideal choice for recycling processes, where consistent and reliable performance is crucial.

Recycling textiles with the SM 300 offers numerous environmental benefits. By recycling textiles, we can significantly reduce the amount of waste that ends up in landfills, thus minimizing pollution and greenhouse gas emissions. Additionally, recycling helps conserve natural resources like trees and water, as it reduces the need for virgin materials. The process of recycling paper also saves energy, as it requires less energy to produce recycled paper compared to new paper from raw materials. Overall, the SM 300 plays a vital role in promoting sustainable practices and contributing to a greener future.

**Machine:** Cutting Mill SM 300

**Sample:** Leather, Silk, Cotton, Wool

**Initial Feed Size:** 80 mm

**Configuration:** 6 disc-rotor with 0.25-6 mm sieves, universal hopper, cyclone

**Speed:** 3000 rpm

**Sample Volume per Batch:** 5 l

**Final Fineness:** < 0.25 mm

Before Milling



After Milling



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