



spgprints®



JADE

Energy efficient screen for non-woven production

Printing tomorrow.



Cut down the energy costs of your non-woven production with Jade

In today's world, energy conservation is not just an option, but a necessity. The non-woven production industry, like many others, consumes significant amounts of energy and water. By reducing energy use, we can decrease greenhouse gas emissions and lessen our environmental footprint. Zooming in on a spunlace non-woven production line, we can identify the hydro jetting process as major energy consumer with up to 20% of the total energy consumed during non-woven production.

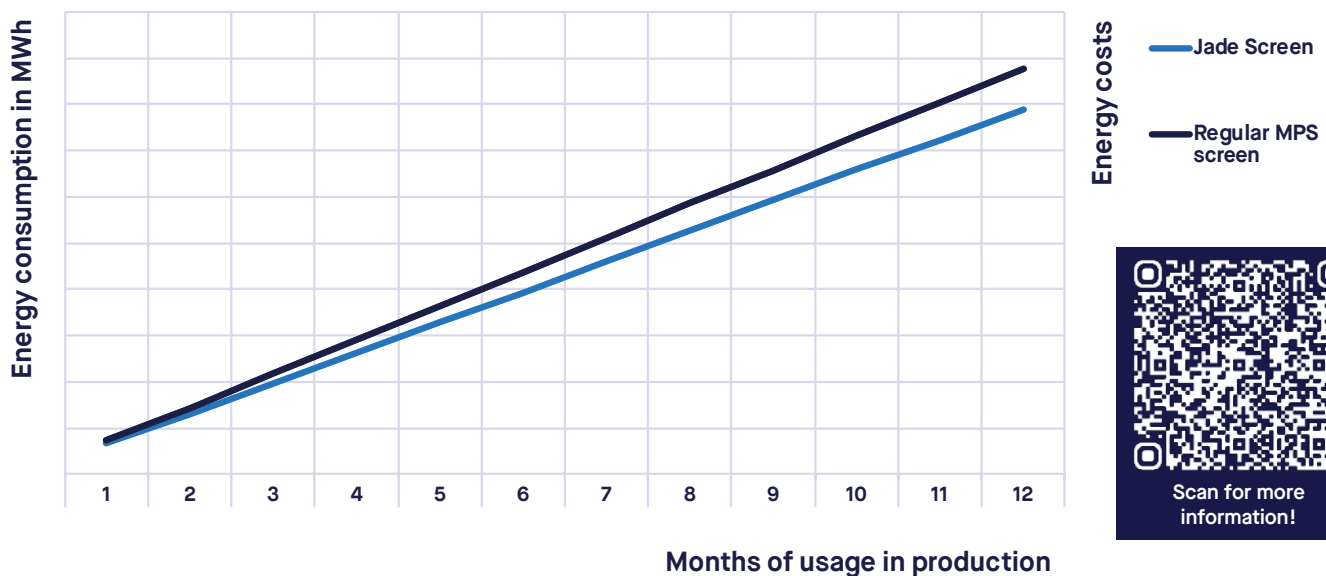
Introducing Jade: next gen MPS screen for spunlacing

We are proud to introduce our innovative spunlace non-woven production screen Jade. The technology that Jade screens are made of is designed to enable the production of non-woven products with significantly less water pressure. Lowering water pressures has a direct relation with energy consumption and tests point out that energy savings up to 10% are possible! Jade screens are not only efficient, but also reliable and durable, ensuring a seamless production process.

The benefits

Our new screen offers numerous benefits for non-woven producers. It reduces operational costs by saving water and energy without compromising strength or visual appearance, while also reducing the environmental footprint and making their production process more eco-friendly, appealing to the growing market of environmentally conscious consumers. By choosing Jade compared to a MPS screen, you make the following impact:

Energy Cost Reduction



Scan for more information!



JADE

The technique behind Jade explained:

In the spunlace process, fiber entanglement doesn't occur with the initial passing of water through the web. Instead, it begins when the water rebounds off the screen and passes through the web a second time. By optimizing the patterns on the Jade screen, we enhance this rebound effect, allowing for efficient entanglement at lower water pressures.