'Kohli & Rajoo – a combination for all customers' – Jinesh Shah

Rajoo's blown film & thermoforming

At PlastIndia 2026, Rajoo Engineers showcased a 5-layer, highly energy-efficient blown film line with an output of 700 kilograms per hour – demonstrated running live at the exhibition with thin lamination films. Alongside it, the company demonstrated a newly developed multi-station thermoforming machine, fully designed and manufactured in India, producing plastic trays and containers for semi-rigid food packaging applications, at 30 strokes per minute.

Rajesh Kumar

Both machines, according to Jinesh Shah, CSO, Rajoo Engineers, reflect the company's strong focus on sustainability and performance. "The blown film line is one of the most energy-efficient lines on a global scale and has been certified by TÜV," he noted. The thermoforming machine, operating in a 30–35 strokes per minute range, also offers what he described as excellent energy efficiency for its segment.

However, Shah emphasized that Rajoo's sustainability efforts extend beyond machine performance. "We not only believe in making machines energy-efficient and working towards sustainability in applications, but our own manufacturing follows a sustainable approach," he said. Nearly 87% of the company's energy consumption in machine manufacturing is derived from green energy, primarily solar power. "We are truly a green energy company working in this direction in all areas," Shah added.

In the interaction, Shah noted that over the past six months, the company has integrated Kohli Industries into its fold and is strengthening its footprint in packaging materials, printing, and converting technologies. Kohli is known for rotogravure printing machines, adhesive lamination systems, extrusion lamination and coating lines, as well as gravure cylinder manufacturing.

"With Rajoo as a flagship company in extrusion blown film lines and extrusion machinery, and Kohli in flexible packaging printing and converting machines, we are now able to offer a complete end-to-end solution," Shah explained. He pointed out that the two companies have worked together and collaborated for the past eight years to develop extrusion lamination and coating solutions jointly. Now operating as one team, the integrated portfolio enables customers to source extrusion, printing, lamination, coating, and cylinder manufacturing solutions under a single umbrella.

"This one-stop solution approach means that customers can meet their complete application requirements through a single, technologically advanced and energy-efficient

The 5-layer, energy-efficient blown film line running live at the exhibition floor at PlastIndia 2026. Photo PSA

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ecosystem," Shah said. In addition to conventional flexible and industrial packaging, the company is targeting agricultural films and related applications with its blown film lines. Shah highlighted greenhouse films, mulch films, and silage bags as key growth segments.

"These are applications where we are actively focusing and supplying machines to various parts of the world," he said. The diversification into agriculture film solutions aligns with increasing global demand for advanced films that improve crop protection, storage efficiency, and overall yield management.

When asked about competition in the extrusion and lamination machinery segment, both in India and globally, Shah stressed that Rajoo's competitiveness goes beyond pricing. "When it comes to competitiveness, not only in terms of price but also in terms of technology, we are one of the leading companies and probably the only company in India with our own R&D department, innovation centre, design team, and manufacturing capabilities under one roof," he said.

According to Shah, this integrated structure enables continuous upgradation and performance optimization. The machines on display at PlastIndia 2026, he emphasized, are entirely designed and manufactured in India. "We are the designers and manufacturers of our machines, not assemblers," Shah asserted. "We are not buying components from different parts and simply putting them together. We design, manufacture, and deliver the machines ourselves."

Jinesh Shah, CSO, Rajoo Engineers. Photo PSA

Future plans

With four decades of experience in extrusion machinery and a newly consolidated printing and converting portfolio, Rajoo Engineers positioned itself at the exhibition as a comprehensive technology partner for packaging and allied industries. The integration of converting technologies, sustainability-led manufacturing practices, and strong in-house R&D capabilities reflects a shift from being a machine supplier to becoming a full-scope solutions provider.

By combining extrusion, printing, lamination, and coating technologies within a single organizational framework, the company is aiming to offer not just machines, but integrated, future-ready production ecosystems to customers across global markets.