

Rajoo Engineers unveils Proex Series blown film extrusion line at Balaji Multiflex

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Khushboo Chandrakant Doshi of Rajoo Engineers (left) and Pranav Bhalara of Balaji Multiflex with the Proex Series blown film line

Rajoo Engineers held an event on 4 and 5 July 2024 in Rajkot, to launch the Proex Series, the latest in its blown film extrusion technology, at Balaji Multiflex. The 5-layer blown film line was officially inaugurated on 5 July at Balaji Multiflex's plant in an event attended by guests from India and abroad.

The line in commercial production can produce film at 900 kilograms an hour, with a 22-micron thickness and a 2,800 mm lay flat width. The Relex 4.0 extruders, which boast a low shear heat design, showcased energy efficiency and high yield. The CSD 4.0 die, the heart of the line, is capable of delivering film thicknesses from 20 to 200 microns across a width of 2,800 mm with low gauge variation. The new blown film line at Balaji achieved line speeds of 150 meters a minute running at a width of 2750 mm.

Pranav Bhalara, director of Balaji Multiflex, told *Packaging South Asia* that it was a very happy occasion that two successful homegrown companies in the flexible packaging industry were working together to promote the country's 'Make-in-India' theme.

“As you know, we already have two W&H lines from Germany. Our endeavor this time was to opt for an Indian supplier. We thought we should partner with an Indian company that has a vision, because vision is very important. And in Rajoo Engineers, we believe we have found one,” he said.

“I am delighted with the Proex Series. This high-performance blown film line exemplifies that we can achieve world-class quality through Indian ingenuity and innovation. We will produce general-purpose films on this line. The line has a speed of 900 kilograms per hour, and with this high speed, we will produce more and at a faster rate,” Bhalara added.

With the addition of the Proex Series blown film line, Balaji Multiflex will produce about 1,500 tons of blown film per month. When it comes to laminates, the Balaji plant currently produces about 2,400 tons per month.

Bhalara said Balaji Multiflex plans to add an MDO line. “The rate at which we are growing, I think we will need to expand our plant. So, let us see. That is the target we have in mind,” he stated.

Khushboo Chandrakant Doshi, managing director of Rajoo Engineers, said the Proex Series blown film line is a world-class offering and can compete with the best at a very attractive price point.

“Not only is this a great technology at an Indian price, but we can offer post-sales support at a reasonable cost. When Indian customers opt for imported lines, they have to bear the high costs of after-sales service. Because Rajoo Engineers is based in India, we can offer 24/7 support. Our promptness in solving customer issues cannot be matched by foreign suppliers,” Doshi said.

Doshi said Rajoo Engineers will work on further improving the Proex Series technology. “Our idea is to fine-tune this technology and keep making it better.”

Panel discussion on flexible packaging industry

On 4 July, the day before the inauguration, Rajoo Engineers organized a panel discussion titled ‘Drishtikon,’ focusing on the supply chain of the flexible packaging industry at Regency Lagoon Resort and Convention. The session was moderated by Sunil Jain, executive director and president of Rajoo Engineers.

The panelists included Unmesh Nayak, COO of Reliance Industries; Chandrakant Virani, chairman of Balaji Wafers; Rajesh Doshi, chairman of Rajoo Engineers; Pranav Bhalara, director of Balaji Multiflex; Gabriele Caccia, group president and CEO of Syncro; and,



The 5-layer Proex Series blown film line in action at Balaji Multiflex in Rajkot on 5 July 2024. Photo PSA

Vipin Chaudhry, director of Hi-Tech Inks. The panelists shared their insights and perspectives on the current trends and future directions of the flexible packaging industry, providing valuable information and engaging discussions among the attendees.

This event served as a networking prelude, bringing together key stakeholders from the entire value chain of the flexible packaging industry. It set the stage for meaningful interactions – paving the way for future collaborations.

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– Naresh Khanna (25 October 2023)

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