

“Appropriate Technology” Approach At Its Best

The well attended Rajoo Kohli’s Lamex open house streamed live from Balaji Multiflex demonstrated the “appropriate technology” approach at its best. It was attended by over 500 participants from all around the world. Ms Khushboo Doshi, Managing Director of Rajoo Engineers, launched the event with a warm welcome and highlighted the current trend and opportunities for the flexible packaging sector, as well as how the current Lamex line meets specific needs of converters and processors.

Mr Pranav Bhalara, CEO of Balaji Multiflex Pvt Ltd and owner of Lamex – 360, stated, “During the decision-making process about going for another machine extrusion lamination, I was in dilemma, but after seeing Rajoo Kohli machine, I decided to go for it. And the line has been running at more than 350 mpm for the past three months.”

The machine is equipped with winders suitable for reel diameters of 1000 mm and reel weights of



1000 kgs and specially designed for automatic splicing at maximum production speed of 350 mpm. In-feed web tension is precisely controlled by a servo motor. Gravure coating and the drying hoods are designed to ensure maximum efficiency with minimum energy consumption. Two extruders mounted on a platform are equipped with 3 axis movements.

The automatic die from Cloeren, USA working in synch with the beta thickness sensor established the low

‘grams per square m (gsm)’ of the laminate variation across the width which ultimately controls the cost of packaging. Yet another example of successful integration by Rajoo of another bought-out system with the main equipment.

The machine is embedded with ReLEX 4.0 technology, which provides real-time data on production speeds, output levels, productivity, set-up times, downtime for preventative maintenance and repairs with remote access.