

Three decades of excellence in extrusion

5-layer non-barrier blown film line receives outstanding reviews

INDIAN Rajoo Engineers Limited has introduced its latest technology in the form of a 5-layer non-barrier blown film line which has received outstanding reviews.

The new line ensures a thin skin layer of property polymers and a thick core layer of inexpensive materials, offering enough versatility for processors to produce films that comply to difficult industry demands with specifications that provide a competitive edge to its customers' business, both in terms of diverse film properties and costs.

"The film capabilities with a 5-layer are significant when compared to a conventional 3-layer alternative," says Khushboo Chandrakant Doshi, Rajoo's executive director.

"Operating at 600.4kg/hour, TUV certified during an onsite visit, that the specific electricity consumption under standard conditions for the 5 layer co-extruded blown film line PENTAFOIL-RECF-260-90/2400 IBC-A is certified to

The 5 layer co-extruded blown film line, Pentafoil, has a maximum output of 650kg/hour; the line produces all-PE film in the thickness range of 30-250 microns



be 0.301 KWh/kg of blown film (40 micron thickness, 2000mm width). With a growing bet on automation, this line christened PENTAFOIL RECF 2560-90/2400 IBC-A is with 4 x 60mm and 1 x 90mm extruders and 500mm CSD Die. With a maximum output of 650kg/hour, the line produces all-PE film in the thickness range of 30-250 microns," he explains.

Based in Rajkot, Rajoo Engineers Limited, having made a modest beginning in 1986, has today emerged as an undisputed global player in blown film, sheet extrusion lines and thermoformers. Skilled and experienced manpower ensure quality in product and after-sales-service.

"We aim to become one of the most trusted and passionate solution providers for plastic extrusion machinery worldwide in the best interest of all the stakeholders, while pursuing ethical business practices," says Doshi.

Owing to its focused efforts the company enjoys a premium market position in the segment. As a technology-driven company, product innovations, adaptation, world-class quality, state-of-the-art workmanship, precision, increased energy efficiency and

high levels of sophistication and automation have become the hallmark of Rajoo products. With representations in many countries across the globe and customers in over 60 countries, the company's exports have multiplied after its debut in the international market in 1990.

Product portfolio

Rajoo's knowledge, experience, technology assimilation and implementation continues to result in a number of 'technology firsts' and the ability to suit solutions to regional needs.

Solutions include the widest range of mono and multilayer blown film lines (up to seven layers), an impressive range of sheet lines (up to five layers), water quenched downward extrusion lines (up to two layers), lines for PE and PS foamed film and sheets (for various standard and special applications), as well as end-to-end thermoforming solutions.

Lines for WPC and granulation are the most recent additions to the product portfolio. The extrusion lines cover processing of wide range of polymers like LDPE, LLDPE, MDPE, HDPE, PP, EVA; barrier materials like Polyamide, EVOH, Surllyn, elastomers, plastomers; thermoformable materials like PET, PS, and PP including new generation exotic polymers.

World-class facilities

Rajoo's state-of-the-art design and manufacturing facilities in sprawling green acres and built-up area of 20,000m² are located on the outskirts of Rajkot, Gujarat. World-class integrated facilities comprise R&D, design office, tool-room, die shop, metal treatment shop, fabrication shop, paint shop, assembly shop and testing shop.

The in-house modern paint shop facility is the first of its kind in the Asian industry. An amply dimensioned shot blasting room and baking oven ensures long life of paint and improves machine aesthetics.

The three huge and well equipped different assembly shops are partitioned to accommodate machines of different heights and lengths.

• Technimac is the agent for Rajoo in South Africa, tel: 011 882 6630

