

Be empowered, 'pick your blown film line' a new paradigm from Rajoo Engineers, to be unveiled at K 2013

BUYING a standard Blown Film line, is a concept of the past, a range to choose from (Economic, Balanced and Advanced) with enormous flexibility within the range helps you PICK just the right machine to fit your needs; this revelation from Rajoo, will completely redefine the market dynamics.

The distinction continues at K 2013 as well! Rajoo at K 2013, would proclaim to the world its unique business approach for processors and converters as a 'One Stop Solution Provider'. The pre-sale consultative approach will come with a newer dimension when customers will be updated with the three broad solution categories offered by Rajoo for Blown Film lines – Economical, Balanced and Advanced. Named simply to suit their positioning, each of the ranges comes with adequate options for further personalisation.

Every solution comes with different price-points. Very clearly, the Economical Model (produced mostly indigenously) provides the best value proposition to the buyer. 'It is very important to understand needs. You would be surprised to know that 80% of the films can be very conveniently produced on the economical model itself', says Sunil Jain, President, Rajoo Engineers. 'Anyway, buying a standard Blown Film line is a subject of the past. It is time for you to PICK just the right machine to fit your needs; this revelation from Rajoo, will completely redefine the market dynamics', adds Sunil.

The Balanced Model is an intelligent hybrid of localised manufacture along with critical components sourced from the collaborators - Hosokawa Alpine, Germany. The natural extension being the Advanced Model, completely sourced from Hosokawa Alpine, Germany, which competes with the best in the world. Balanced and Advanced Models are offered in India, Bangladesh,

Nepal, Nigeria, Kenya, Ghana and Tanzania.

The endeavour here is to highlight that features and flexibilities all come at a price. Prudence needs to be exercised by the buyer before he decides; it is important to clearly segregate needs from wants and desires. This is more so important when the quality of the output (your film) is not so affected by the economics of the options available.

While lowering your capital expenditure, the Economical Model will also provide you with the necessary nimbleness to upgrade and adapt to newer technologies with a minimal fuss.

Technical Snapshot

A specification synopsis of each category is indicated here to serve as a quick buying aid.

Blown film Assemblies	Economical	Balanced	Advanced
Material conveying, blending and gsm control	●	■	■
Complete Extruders with gear box and motors	●	▲	▲
Die	●	▲	▲
Air ring	●	▲	▲
Automatic thickness control	■	▲	▲
Calibrating basket	●	●	▲
Oscillating haul-off	●	●	▲
Tower	●	●	●
Winder	●	●	▲
Process control			▲

● RAJOO's supply ▲ HOSOKAWA ALPINE's supply ■ European supply



During a recent Open House conducted in India that showcased the Economical and Advanced Models, Rajoo received an overwhelming response from the Indian polymer industry who appreciated this understanding. With the success of this event, Rajoo pays a tribute to its founder and mentor Late Mr. Chandrakant N Doshi.

With K 2013, it is the world which will take cognizance of this highly beneficial approach

The machine on display at K will be the Economical Model with the following salient features:

- Roller width : 1600 mm
- Output for barrier film : 350 kg/hour
- Extruder -60 / 40 / 40 / 60 with barrier screw, special mixing section for homogeneous melt and direct coupled motor to reduce transmission losses
- Feed section with MTC to maintain temperature of grooved feed section
- Specially designed five layer CSD (Cylindrical Spiral Die) 400mm die head with rheologically optimized melt flow path
- Internal Bubble Cooling with 3 ultrasonic sensors
- 360° oscillating haul-off with dynamically balanced turning bar and
- CFR rollers for excellent thickness randomization

- Fully automatic dual station FLEXIWIND surface/centre/gap winder in back to back arrangement with trim winder
- Material Conveying, 14 Component gravimetric batch blending and gsm control system from Plastcontrol, Germany
- Automatic thickness control system with capacitive C-Scan non-contact sensor and automatic air-ring PROCON
- Integrated supervisory touch screen control system from Plastcontrol, Germany
- Web Guiding System from E+L
- Corona Treater from SOFTAL

Based in Rajkot, Rajoo Engineers Limited, having made a modest beginning in 1986, has today emerged as an undisputed global player in blown film and sheet extrusion lines. Owing to its focused efforts in blown film, sheet extrusion lines and thermoformers, the Company enjoys premium market position in this segment. Being a technology driven Company, product innovations, adaptation, world-class quality, state-of-the-art workmanship, increased energy efficiency and high levels of sophistication and automation have become the hallmark of Rajoo products during all these years, positioning the Company's products on a global platform, competing with the established world leaders. With representations in many countries of the world and customers in over 53 countries, the Company's exports have multiplied after its debut in the international market in 1990.

RAJOO booth Stand B-58, Hall 15.

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