

Printing & Packaging

Flexible Packaging Machine - LamiFlex

In the world of extrusion coating and laminating machines, a continuous high growth rate is expected in the market, especially when new and innovative applications are emerging in the field of flexible packaging. All of these lead to the development of more innovative product and to the arrival of new players in the marketplace.



Ours is a rapidly growing company, catering to large and high valued customers who trust our quality and commitment to supply cost efficient machines. JP Group has a glorious history in supplying standard extrusion coating machines for various applications. In a changing market where customers have new and better expectation from their manufacturers JP Group has introduced the new LamiFlex series. LamiFlex is an extrusion coating machines which is the most sophisticated, engineered among its family of extrusion coating systems JP offers. Indigenously developed and

manufactured in India which can be a better substitute of imported machines. Quality, price and service are the 3 most important factors for a customer, and at the same time these machines are not only supposed to be very user friendly (operator) but also flexible for fast product changes. After a lot of market study on

what the customer wants we came up with LamiFlex. The mission was to design a highly efficient line to produce top quality products considering the ease of use while doing so. We are proud to present our new extrusion coating line with a main focus on flexible packaging applications.

A lot of attention and intelligence was spent to build this line with all the features

extrusion unit consists of co-extruders, out of which side extruder is used for processing of Nucrel for better adhesion, a co extrusion feed block & a flat die with internal duckling system that are



together mounted on an adjustable carriage. Anchor coater makes it possible to apply a liquid primer coating on the pretreated substrate surface to enhance adhesion.

Since drying is energy intensive process, JP only uses highly efficient equipment with adjustable return air and optimized flow speeds. Especially designed dual drying chambers equipped at primary

The substrates on which it can be laminated are:

BOPP
Aluminum Foil

Paper
CPP

Polyester Film
Metalize Film

required for safe, cost efficient and user-friendly production.

coating section ensures high drying efficiency with energy saving function.

Two automatic turret unwinders and one turret winder, with auto splicing, ensures non-stop operation with minimum wastage. The turret sandwich unwinder is with auto over and under splicing and auto web tension control system. The line is designed for product width from 600-1300 mm and the

Whole Machine is synchronized by PLC & easily operated through human machine interface. Line speed of 180mt/min. A corona treatment unit is also equipped in the machine upstream of the substrate to increase bonding strength.

Applications:- Used for food packaging industry, Chips, biscuit/cookies/ snack packaging, confectionery packaging, Liquid packaging etc.

For more details :
www.jpel.in

