Calander-*eLP*

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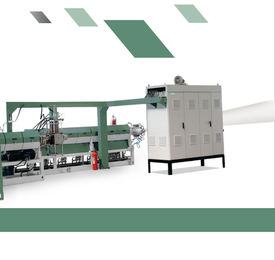
Leadership **T**hrough **I**nnovation,
Quality and **S**ervice



Calander-eLP offers EPS foam-sheet extrusion line, designed to produce fine quality EPS foam sheet with butane or pentane as physically blowing agent. EPS Sheet extrusion line incorporates high-pressure gas injector pump, tandem extruder, gravimetric /volumetric-dosing unit, hydraulic continues screen changer, pressure transducer, circular die, cooling mandrel and automatic turret winder.

Calander-eLP also offers PP/PS/EVA/PET sheet lines, is designed for ease of operation and power efficient. Sheet lines are offered with output ranging from 120 kg/hr to 500 kg/hr, width ranging from 500 mm to 700 mm, sheet thickness 0.3 to 2 mm, available in single to three layer.

Form-*eLP*

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Form-eLP series offers EPS vacuum formers with vertical forming station and horizontal cutting station with inline auto-counter and stacker. EPS formers are available with fully automatic servo controlled PLC system with touch screen, for the application of foam disposable containers like dish, tray and bowl.

Form-eLP also offers PP/PS/PET thermoformers with Heavy duty hydraulic / servo system for low maintenance and trouble free longer runs. Effectively designed chain transport unit offers durability and ease of operation.

Cup staking assembly and pre-heater station are few customized features offered as optional. Applications include various disposable products like tea cups, Juice/water glasses, glass lid, plate, hinge lid containers, egg containers and meat/fruit tray

eLPie® ENGINEERS PVT. LTD.

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Design By: Trees 9824122510

Profile

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THREE LAYER **C**O-EXTRUDED **B**LOWN **F**ILM **L**INE

NEW ERA OF ELPIE BEGINS

ELPIE ENGINEERS PVT. LTD. with its head office in Rajkot, India is specialised in building high performance Plastic Extrusion machineries; Blown film line, Sheet Line & Thermoforming Machines, is founded in year 2010.

More than 30 years of experienced technocrat and founder of the company serves Elpie by tailoring plastic processing machineries including blown film lines and themoforming machines as per customer requirements.

Elpie became an Award Winning Company in year 2013 for state of the art fully automatic and highest capacity, PP non woven spunbond single beam line designed for 3.2 meter fabric width, in initial stage from Elpie's inception.

Elpie is focused on PP Monolayer blown film line, LDI/LLDPE/HDPE Multilayer blown film lines and machineries of EPS project, which includes EPS Sheet Extruder line, EPS Themoformer and PS Extrusion Coating line.

www.elpie.in

Foil-*eLP*

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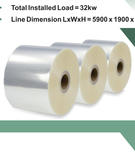
Foil-eLP covers monolayer & multilayer blown film lines that allow various configurations.From 8 ?m HDPE liner film to 5-layer barrier film with only a 1 ?m EVOH layer. Foil-eLP can produce a huge range of films for various packaging films like lamination grade films, liquid packaging films, ultra high barrier films, green house films, high dart FFS milk and water pouch film, meat and cereal packaging films, oil packaging films, shrink/stretch films, mulch films and soap packaging films.

All components of the Foil-eLP line have been fine-tuned to guarantee repeatable, excellent film quality at highest outputs. The extruders play a primary role and thanks to their universal screw for all types of resins, the line achieves exceptional melt quality at low melt temperatures.
Foil-eLP blown film lines also includes downward extrusion water quenched universal application to produce PP film to customer's specific requirements. For narrow width bags a twin die-head downward extrusion blown film line is also offered to produce narrow width PP bags for grocery and disposables packaging application. Entry-level machine Foil-eLP: LPB 40/750 line's brief specifications are listed below:

- **Screw Diameter =40 mm**
- **L/D Ratio =30**
- **Standard Die Diameter =100 & 200 mm**
- **Lay flat Width Range = 100-650 mm**
- **Film Thickness Range =20-60mircon**
- **Maximum output = 50 kg/hr**
- **Line Speed = 6.0 - 60mts./min.**
- **Total Installed Load = 32kw**
- **Line Dimension LxWxH = 5900 x 1900 x 4400 mm**



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