

LAMIREX
EXTRUSION COATING
LAMINATING LINES



think **wovensack**, think **tppl**

ISO 9001:2015 CERTIFIED COMPANY



Technology
PLASTOMECH PVT. LTD.

www.technologyplastomech.com

- ♦ Universal Processing of PP/LDPE
- ♦ Uniform and Accurate Coating
- ♦ Lower Coating with Excellent Adhesion Strength
- ♦ Lower Energy Consumption and Maintenance
- ♦ Up to 350 kg/hr output & 200 m/min line speed capacity
- ♦ Best in class price to performance ratio



The Best or Nothing

High Quality coating on flat/tubular woven fabric

We offer Next Generation Technology **LAMI REX** Series Extrusion Coating and Laminating Lines with latest centralized PLC Control System. This Lamination Line working for processing PP/LDPE material for multiple coating applications like coated woven tubular bag and flat fabric of PP or HDPE, tubular or flat fabric laminated with printed BOPP film or Craft Paper, Single or Double Side Coating.

FABRIC UNWINDER



It has Provision for Two Rolls mounting for alternate use to ensure **Continuous Operation**, minimize production loss and waste. Combination of Load Cells and Pneumatic Braking System ensures **Constant Fabric Unwinding Tension**. It also has semi auto **Roll Splicing Technology** for nonstop running. Accurate **Electronic Web Guiding System** ensures perfect alignment of the substrate.

EXTRUDER



Universal Screw for Processing PP and HDPE ensures homogeneous and pulse free melts flow to the Die. It has Innovative In-line **Hopper Mixer** to ensure perfect mixing of polymer and recycled Trim. Mounted on a heavy duty trolley, which moves on a robust grounded frame. **Precision Die** offers Rheological optimized melt flow channels to get best possible results. **Imported gear box** ensures smooth operation with energy saving.

LAMINATOR



Robust frame structure ensures **Vibration free operation**. It has unique motorized tangent point adjustment system to ensure perfect size with strong bonding. It has Heavy Duty mirror/matt finish water circulated steel roller with special rubberized water circulated nip roller. It has air cushioned Turn bars. **Digital Corona Treater** ensures excellent adhesion.

CENTRALIZED PLC SYSTEM



Advance Control Automation System includes Latest PLC and Drives with easy view full touch color screen/HMI. Customized PLC Program offers management of process parameters and product recipes. System **displays real time parameters and running power consumption**. It has error and password management. HMI screen remote viewing over internet available at extra cost.

CONTACT SURFACE WINDER



Roll **Splicing Mechanism** ensures **Continuous Operation** with the help of **Airshafts**, swinging Arms and Rod less cutting cylinder. Winder assembly mounts on Heavy duty frame. It has Roll unloading platform.

AUTO EDGE TRIMMER



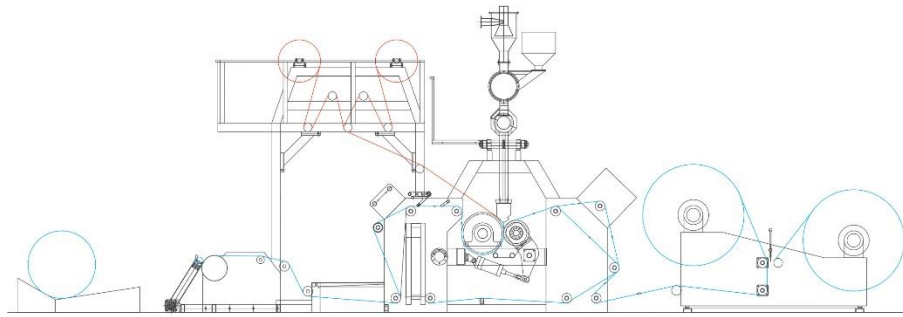
European Edge Trim system with **Rotary Blades** for accurate final size of Product. Having **auto edge tracking** system to ensure only poly trimming, not fabric. After trim cutting, trim send to **in line recycling system** to ensure minimum waste.

Best Workmanship, Innovative Technology & Modular design allows economical production with maximum flexibility, meeting the most sophisticated demands of Modern Packaging.

FEATURES

- Extruder Gearbox with in build cooling technology
- Imported Highly Precision Die with Both Side Deckling System
- Fully Auto Electronic Web Guiding System*
- Electronic Tension Controlling System for Unwinding and Rewinding Unit
- Centralized PLC system with full touch color HMI
- Innovative Tangent Point Setting System of Laminator Roll Assembly
- Unique On-Line Edge Trim Recycling System, zero wastage
- Corona Treatment System to reduce Surface Energy of Substrate for better bonding
- Online fabric roll changeover system in Un winder Unit for Continuous operation
- Fully Electronic Automatic Edge Trim Cutting System*
- Mirror/Matt Super finish Laminator Roller with the Provision for Cleaning or de scaling
- Stainless Steel Turn bar System with Air Cushion Technology for wrinkle free Operation*
- Back to Back (F&B) Auto Print Mark Registration system*
- Sandwich Unwinding Unit with Tension Controlling System*
- Continuous Contact/Surface/Friction Rewinder with Auto Roll Changeover System for nonstop operation*
- On line Granule Mixer with Drying Facility
- Pneumatic/Air Shafts for Winding Unit*
- Dosing and Mixing Unit*
- Melt Pump System*
- Electric Chain Hoisting System for Roll Loading & Un Loading*

*Optional Feature in some models, refer technical offer.
*Optional Equipment for any model, ask for offer.



LAMIREX - N (Normal) Series for Woven Bags and Other Applications...

MODEL	N 70/900	N 80/1400	N 80/1700
Fabric Working Width (mm)	300 - 750	600 - 1250	700 - 1525
Coating / Laminating Thickness (micron)	20 - 100	20 - 100	20 - 100
Extrusion Melting Capacity up to (kg/h)	150	180	200
Line Speed - Mechanical up to (m/min)	180	180	180

LAMIREX - W (Wide Width) Series for FIBC (Jumbo), Tarpaulins and Wide Width Applications...

MODEL	W 80/2000	W 90/2200	W 90/2700
Fabric Working Width (mm)	1150 - 1850	1300 - 2050	1600 - 2525
Coating / Laminating Thickness (micron)	20 - 100	20 - 100	20 - 100
Extrusion Melting Capacity up to (kg/h)	180	270	300
Line Speed - Mechanical up to (m/min)	120	120	100

LAMIREX - T (Tandem) Series for BOPP / Paper laminated Bags and Other Applications...

MODEL	T 70/900	T 80/1700	T 80/2200
Fabric Working Width (mm)	300 - 750	700 - 1525	1300 - 2050
Coating / Laminating Thickness (micron)	20 - 100	20 - 100	20 - 100
Extrusion Melting Capacity up to (kg/h)	270	325	350
Line Speed - Mechanical up to (m/min)	180	150	120

*Specifications are subject to change without prior notice, due to continuous developments. These details are indicative only, not binding. The pictures may show optional equipments that are not part of the standard supply. For details, ask for technical offer.

PRODUCT RANGE

- ♦ Tape / Flat Yarn Stretching Lines
- ♦ Extrusion Coating/Laminating Lines
- ♦ Waste Recycling Lines and Equipments
- ♦ Monofilament Lines, Dan line for Rope Making
- ♦ Fibrillated Tape Line for Baler Twine and Rope Making
- ♦ Machines for FIBC / Jumbo Products
- ♦ Bag/Fabric Conversion Lines
- ♦ Box Strapping Lines
- ♦ Testing Equipments
- ♦ Printing Machines



Technology
PLASTOMECH PVT. LTD.
redefining technology

CORPORATE OFFICE
G-20, Vijay Plaza, Opp. Abad Dairy,
Kankaria, Ahmedabad - 380 022.
Gujarat - India.
+91-79-2545 4374
sales@technologyplastomech.com



MANUFACTURING UNIT
S. No. 136, Village ODE, Pirana Road,
Off. S.P. Ring Road, Ahmedabad - 382 427.
Gujarat - India.
+91-2718-297090
info@technologyplastomech.com

