

# ***Lorex***

tape extrusion lines

Robust Design - Consistent Performance

Intelligent Energy Optimization

Exceptional Cost Performance

Modular Design



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The **Lorex** series has earned its reputation as a reliable workhorse, perfected over time to meet the evolving needs of both new market entrants and established raffia producers. Known for its flexibility and ease of operation, Lorex is a popular choice even for high end technical raffia products, impressing users across the industry.

Slit Film Tape Extrusion Lines are suitable to process PP/HDPE tapes for wide variety of applications such as woven bags, tarpaulins, jumbo bags (FIBCs), wrapping fabrics, geo-textiles, agro-textiles, ropes / twines and many more.

**Smart, modular configurations  
for effortless adaptation for all  
applications**

Line Speed  
**upto 500 m/min**

Working Width  
**upto 1600 mm**

Melt Capacity **PP**  
**upto 850 kg/hr**

Melt Capacity **HDPE**  
**upto 650 kg/hr**



## OPTIONAL EQUIPMENTS

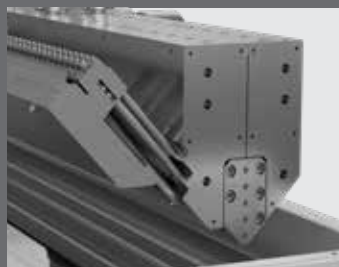
- Gravimetric Dosing and Mixing Unit
- Melt Metering Pump
- Auto Gauging Die
- Film Thickness Measuring System
- Fibrillating Unit
- Additional Stretching Unit
- Air Knife Film Drying
- Dehumidifier Dryer

Note: All options are not available with all the models of tape stretching lines.



## MELT METERING PUMP

Is installed after the screen changer to deliver constant volume of melt at constant pressure to the die.



## AUTO GAUGING DIE

For automatic profile control through gauging system reduces the spread in thickness variation in cross-film direction on real time basis, producing uniform quality film.



## FILM THICKNESS MEASURING SYSTEM

Non Nuclear Type measures the film thickness in cross film direction and provides real time feedback to auto gauging die for corrective action to achieve set value.



## CENTRALIZED PLC SYSTEM

Helps in indicating & controlling the running status, production process & performance of Tape Extrusion Line.

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	<i>E60B</i>	<i>E90B</i>	<i>E105B</i>	<i>E120B</i>	<i>E105MS</i>	<i>E135B</i>	<i>E120MS</i>
Screw Diameter (mm)	60	90	105	120	105	135	120
Melt Capacity - PP (kg/hr) (max.)	190	350	450	600	720	750	850

	<i>E90U</i>	<i>E105U</i>	<i>E120U</i>	<i>E135U</i>
Screw Diameter (mm)	90	105	120	135
Melt Capacity - PP (kg/hr) (max.)	275	400	540	700
Melt Capacity - HDPE (kg/hr) (max.)	260	350	460	650
Working Width (mm) (max.)	600 / 1000 / 1400 / 1600			
Holding Unit	2 / 3 godets			
Stretching & Annealing Unit	5 / 6 godets			
Line Speed Mechanical (m/min) (max.)	Standard models upto 400 m/min, High-Speed models upto 500 m/min			

All machines are having semi - automatic / automatic screen changer, six station cutter and 6 meter oven as standard.  
 Specifications are subject to change without prior notice, due to continuous developments. These are indicative and not binding.  
 Extreme values indicated are not achievable simultaneously. The pictures may show optional equipments that are not a part of the standard supply.  
 For details, refer to quotation.  
 The configuration of machines can be customized for specific applications.

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