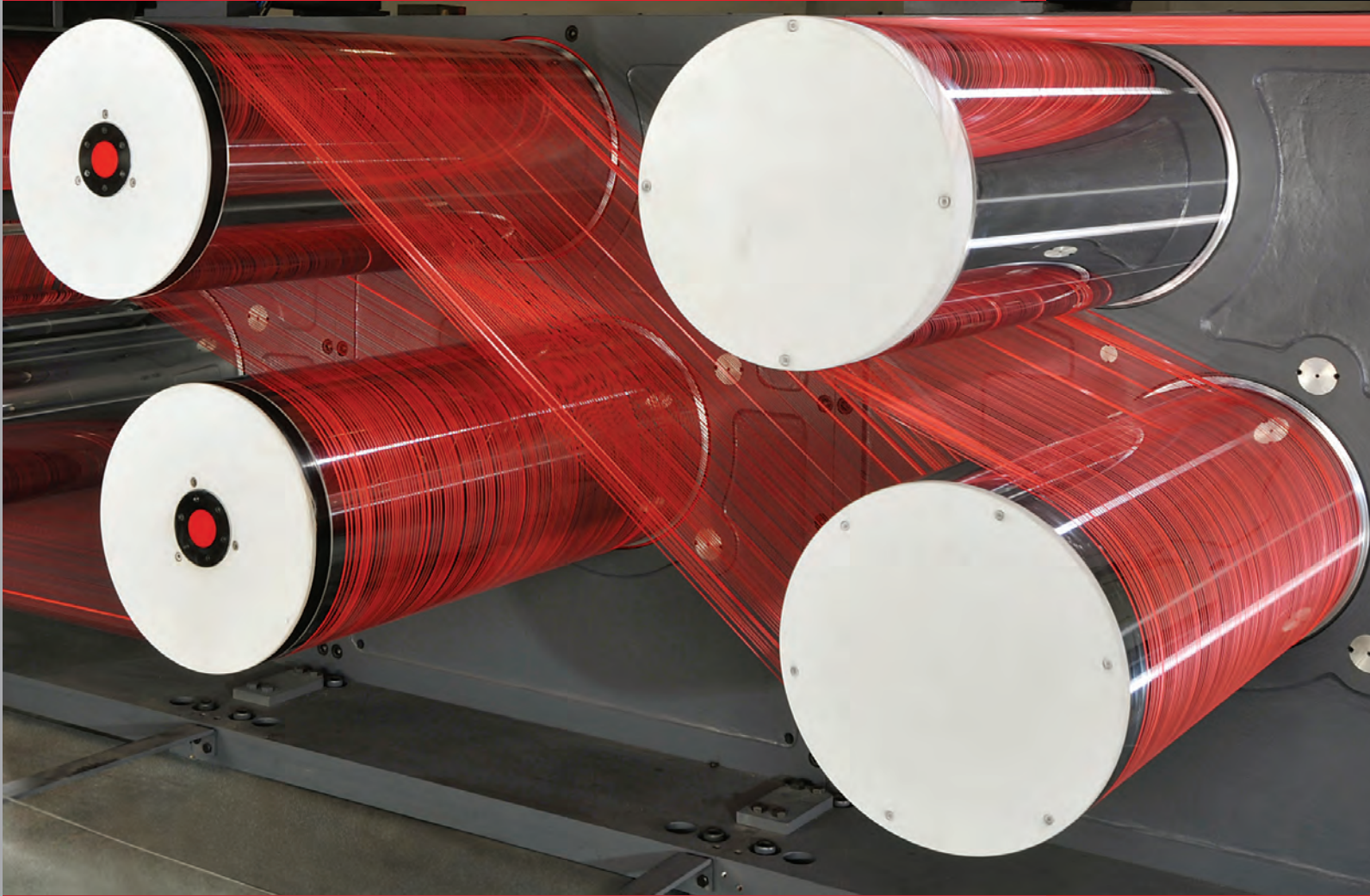




extrusion

# Tape Stretching Lines



**LOHIA**  
STARLINGER LIMITED

Innovation to leadership  
Since 1981



High working speed

Low energy consumption

Low denier variation

Low maintenance cost



**Optional Equipment:**

- Centralized Computer Control
- Melt Metering Pump\*
- Fibrillating Unit
- Film Thickness Measuring System
- Auto Gauging Die
- Additional Stretching Unit

*Note: All options are not available with all the models of Tape Stretching Lines.*

\*standard in Duotec series



The Tape Stretching Lines from Lohia Starlinger Limited incorporate "state-of-the-art" technology designed to meet highest performance and quality requirements with maximum efficiency and flexibility while using minimum raw material and energy. The Tape Stretching Lines are suitable to process PP/HDPE tapes for wide variety of applications such as Woven/Knitted Bags, Flexible Intermediate Bulk Containers, Carpet Backing, Tarpaulins, Wrapping Fabrics, Ropes & Twines and many more.

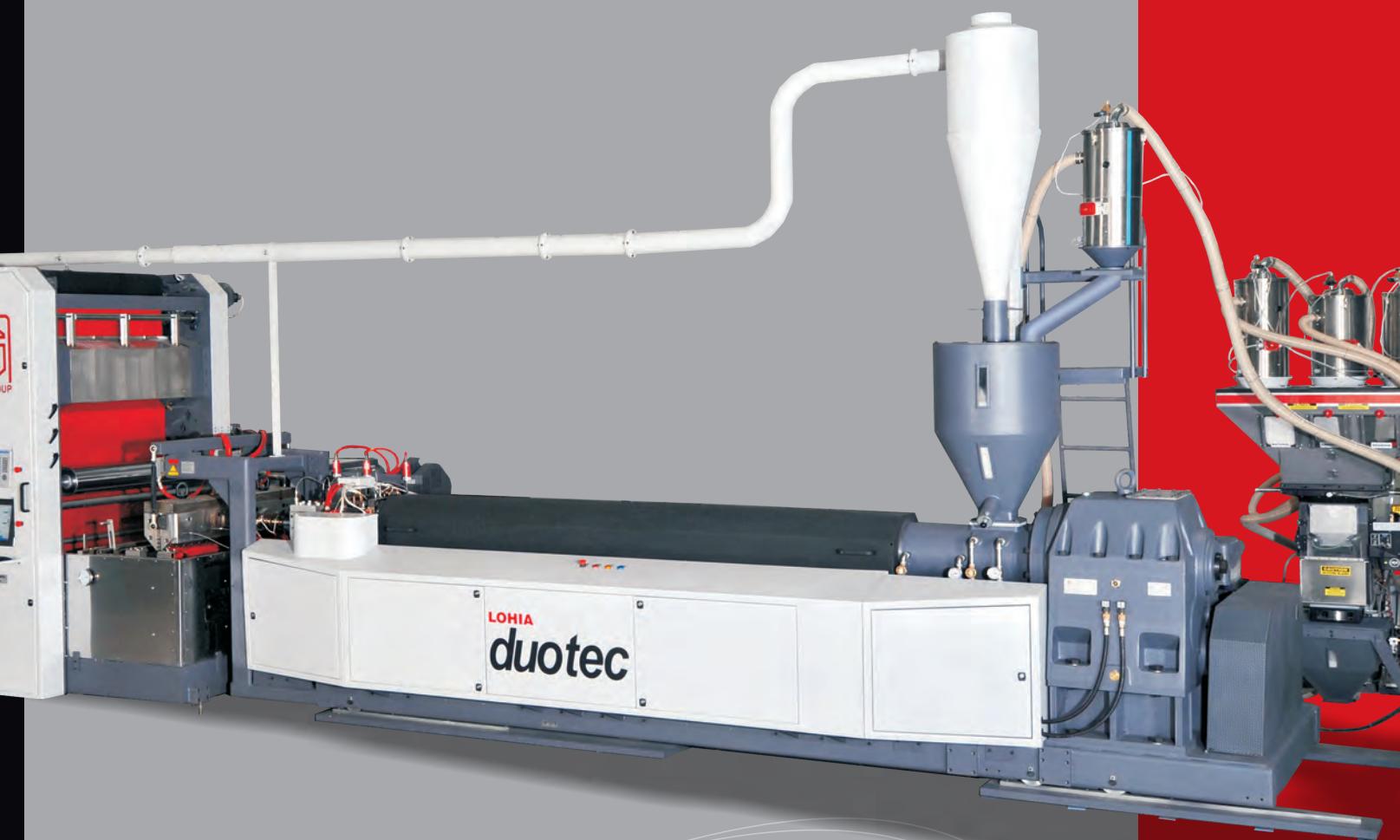
### LOREX Series

Lorex series of Tape Stretching Lines, based on the conventional single stage stretching system, have been serving Raffia industry for the last 3 decades and have set bench marks for machine performance. Based on market demand and changing polymer trends the Tape Stretching Lines were regularly upgraded and new models added in this period. These lines were introduced with production capacity of 150 kg/hr and are now available for capacities up to 900 kg/hr. Similarly the processing speed has improved from 250 m/min to 425 m/min.

### DUOTEC Series

A cutting-edge tape technology....

Backed by years of experience and continuous R&D, Lohia launched its most revolutionary innovation in Raffia industry till date. This technology provided a revolution in tape extrusion after blown film technology migrated to flat film production. Developed to process all kinds of PP tapes, this technology uses a unique double stage stretching process where the tapes undergo a pre-stretch before they enter the hot air oven for a final stretch. This grass root innovation enables better run-ability of the process and can be used to improve any one or a mix of factors such as working speed, efficiency (increased process stability), tape properties etc.



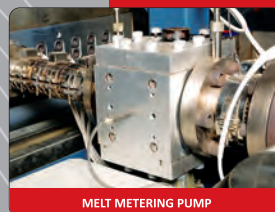
THICKNESS GAUGE MONITORING



CENTRALIZED COMPUTER CONTROL



AUTO GAUGING DIE



MELT METERING PUMP

## TECHNICAL SPECIFICATIONS

### LOREX series

#### Extruder

MODEL	E75B	E75H	E90	E90B	E90H	E105	E105B
Screw Diameter (mm)	75	75	90	90	90	105	105
<b>Maximum Melt Capacity</b>							
PP (kg/hr)	260	-	275	350	-	400	450
HDPE (kg/hr)	-	210	260	-	300	350	-
MODEL	E105H	E120	E120B	E120H	E135B	E150B	
Screw Diameter (mm)	105	120	120	120	135	150	
<b>Maximum Melt Capacity</b>							
PP (kg/hr)	-	540	600	-	750	900	
HDPE (kg/hr)	400	460	-	500	-	-	
<b>DOWNSTREAM EQUIPMENT</b>							
Working Width (mm)	800/1000/1400/2000						
Holding Unit	2/3 godets per stand						
Stretching & Annealing Unit	5/6 godets per stand						
Max. line speed (mpm)	Standard models upto 350 meters/minute High-Speed models upto 425 meters/minute						

### DUOTEC series

#### Extruder

MODEL	E90B	E105B	E120B	E135B
Screw Diameter (mm)	90	105	120	135
<b>Maximum Melt Capacity</b>				
PP (kg/hr)	350	450	600	750
HDPE (kg/hr)	-	-	-	-
<b>DOWNSTREAM EQUIPMENT</b>				
Working Width (mm)	600	1000/1400	1000/1400	1400
Holding Unit	3 godets per stand			
Intermediate Stretching Unit	3 godets per stand			
Stretching & Annealing Unit	6 godets per stand			
Max. line speed (mpm)	600	500/600	500/600	500/600

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 development. These details 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.

# LOHIA

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