

Duotec

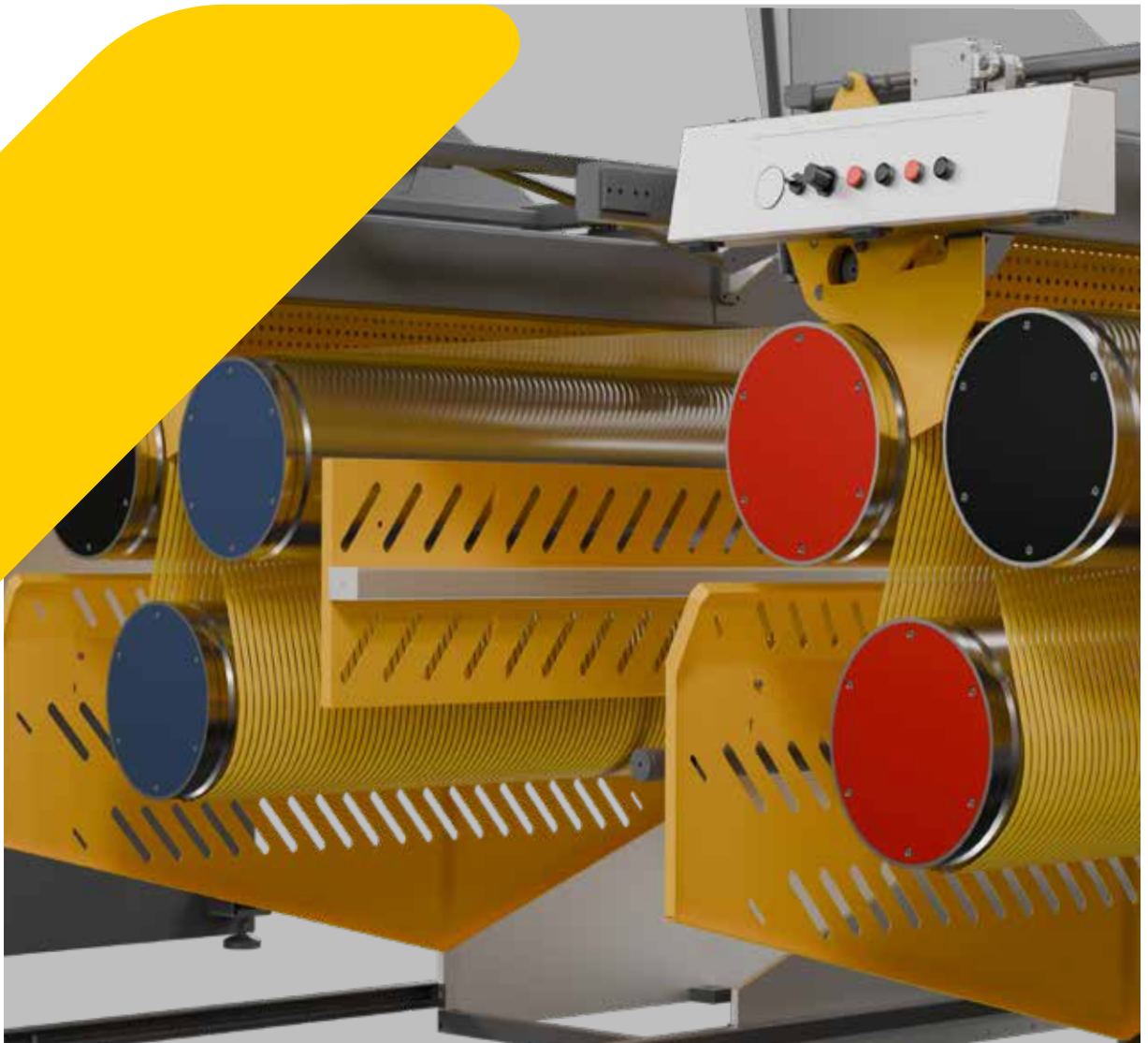
tape extrusion lines

Higher Process Speed

Unmatched Process Stability

Superior Tape Quality

High Efficiency & Productivity



Duotec

tape extrusion lines



Duotec is Lohia Corp's cutting edge tape technology uses double stage stretching process where the slit film tapes are pre-stretched before they enter the hot air oven for a final stretch, which enhances the runability of the process and improves any one or mix of factors such as working speed, efficiency, increased process stability, and tape properties etc

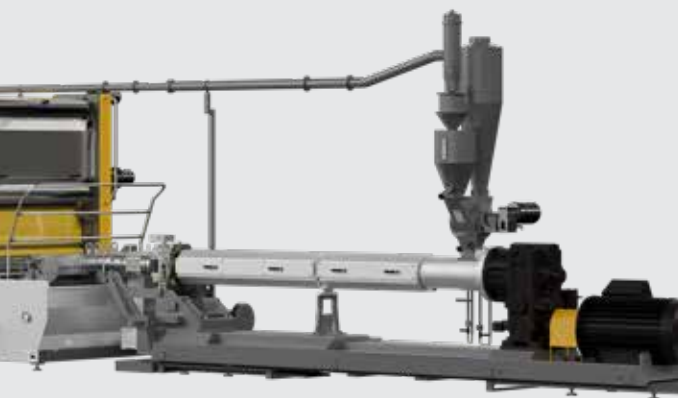
Duotec lines are perfectly suited for producing PP slit film tapes used in a wide range of applications such as woven fabrics, jumbo bags (FIBCs), wrapping fabrics, agri-textiles, ropes, and twines, they also offer versatility for advanced technical textile applications, including carpet backing, geo-textiles, roof underlay, and more.

World's first dual stretch technology, design to process enhanced range of tape specifications with improved speed and process stability

Line Speed
upto 600 m/min

Working Width
upto 2000 mm

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



INTERMEDIATE STRETCHING UNIT

Is installed after film slitting unit to facilitate pre-stretching of slit film tape by required ratio before enter into hot air oven



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.



2X MELT FILTRATION

Ensures fine melt quality with advanced filtration system. It is specially designed to facilitate the processing of recycled polymers.



CENTRALIZED PLC SYSTEM

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

OPTIONAL EQUIPMENTS

- Gravimetric Dosing and Mixing Unit
- Auto Gauging Die
- Film Thickness Measuring System
- Fibrillating Unit
- Additional Stretching Unit
- Industry 4.0 Enabled

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

Duotec

tape extrusion lines

	<i>E105B</i>	<i>E120B</i>	<i>E105MS</i>	<i>E135B</i>	<i>E120MS</i>
Screw Diameter (mm)	105	120	105	135	120
Melt Capacity - PP (kg/hr) (max.)	500	600	720	750	850
Working Width (mm) (max.)	1400	1400/1600	1600	1600	1600/2000
Holding Unit	3 godets	3 godets	3 godets	3 godets	3 godets
Intermediate Stretching Unit	3 godets	3 godets	3 godets	3 godets	3 godets
Stretching & Annealing Unit	6 godets	6 godets	6 godets	6 godets	6 godets
Line Speed Mechanical (m/min) (upto)	500	600	600	600	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 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.

HEAD OFFICE & WORKS

Lohia Corp Limited
 D-3/A, Panki Industrial Estate
 Kanpur - 208022, India

T: +91 512 3123222
 E: sales@lohiagroup.com

W: lohiagroup.com

OFFICES IN INDIA

AHMEDABAD T: +91 79 47729820
 BENGALURU T: +91 9792971135
 DELHI T: +91 4071 4800
 KOLKATA T: +91 33 35898700

OVERSEAS OFFICES & ASSOCIATES

BANGKOK T: +66 21305919
 BURLINGTON-NC T: +54 11 65332950
 DUBAI T: +91 7043979105
 ITAJAI-BRAZIL T: +55 51 93999193
 MOSCOW T: +7 495 2692690