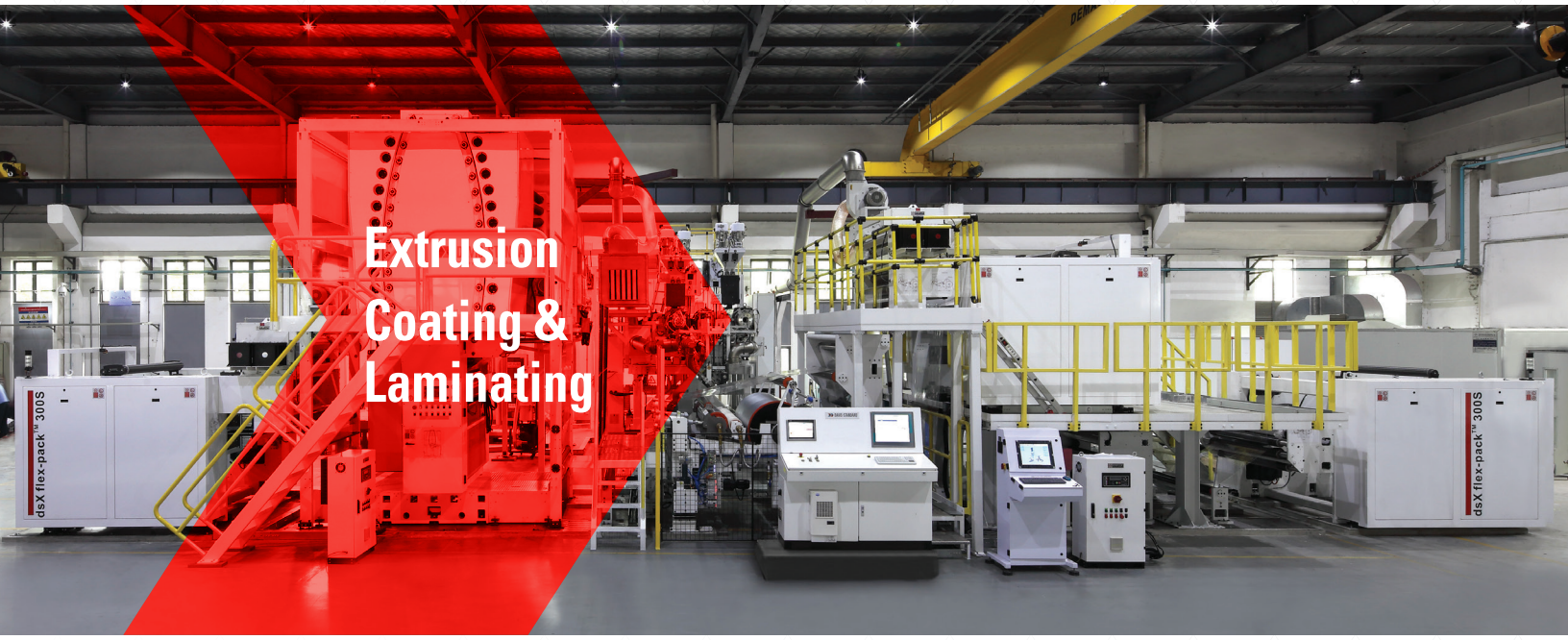
DAVIS-STANDARD®

Where your ideas take shape.



dsX flex-pack™ 300S

Overview

Davis Standard, LLC with its commitment to the Asia market has developed an extrusion coating and lamination machine for flexible packaging which meets the needs of convertors, regional and global end-users in this market.

The dsX flex-pack™ 300S offers cost efficiency, flexibility in operations, short product changeovers and the Davis-Standard know-how and experience in the converting industry.

Design Features

- Designed with Superior Davis-Standard technology, with a smaller footprint, at a price point for the Asia market
- Design features includes reduced product variability and improved product quality
- Greater uptime and productivity for quick and frequent change-overs to meet market demands
- Less waste and lower overall cost - allows for optimizing production cost
- Availability of remote and on-site after sales service from regional experts
- Deep knowledge of the needs and trends in global and regional flexible packaging end-user markets

dsX flex-pack™ 300S

Typical Specifications

- Extrusion coating and laminating of film, foil and paper
- Chemical priming for surface treatment of film
- Co-extrusion as standard utilizing Davis-Standard proven extrusion technology for the flexible packaging market

Typical Specifications

Widths	650 to 1350mm
Process Speeds	300 mpm
Tension Range	50 -500 N/m
Primary & Secondary Unwind Roll OD	1000mm
Rewind Roll OD	1000mm
Extrusion Station	3.5" + 2.5" extruders as standard
Resins	LDPE, LLDPE, Ionomer, PP, EAA, EVA
Substrates	BOPP, BOPET, Paper, LDPE, CPP, Al Foil
Laminator	3 Roll

Typical Range of Substrates and Resin Rates

Material	MI	Density (kg/m³)	Nom. Discharge Temp (°C)	3 ½" Output (Kg/hr)	2 ½" Output (Kg/hr)
LDPE	7-12	0.92	320	275	110
EAA	5-8	0.925	305	227	90
m-LLDPE	12-15	0.92	320	240	90
Ionomer	5-7	0.94	310	190	75
PP	18-35	0.91	300	200	75

Typical Range of Substrates and Resin Rates

Substrates	Min. Thickness	Max. Thickness	Max. Width (mm)
BOPP	10 µ	30 µ	1,350
PET	10 µ	20 µ	1,350
Paper	22 gsm	100 gsm	1,350
Al. Foil	6 µ	20 µ	1,280

DAVIS-STANDARD®
Where your ideas take shape.

+1 315-564-4375
www.davis-standard.com