



DAVIS-STANDARD®

Where your ideas take shape.



Extrusion Coating & Laminating

Extrusion Coating

Overview

A unique extrusion coating product line from Davis-Standard, LLC combines the best technology of the well respected heritage brands. Offering decades of collective experience, customers can take advantage of a total equipment package supported by proven capabilities and process expertise. Whether your need is for essential extrusion coating capabilities or for achieving new process milestones, this product line delivers solutions for multiple applications and requirements.

Extrusion Coating

TYPICAL LINE CAPABILITIES - 300 MPM

- Extrusion coating and laminating of paper, film and aluminum foils
- Surface treatment by corona treating, chemical priming
- Process capabilities for LDPE, LLDPE, Ionomer, PP, EVA, EMA, EVOH and others
- Single and tandem automatic die stations are available, with or without coextrusion
- Coextrusion using Davis-Standard, Cloeren or EDI feedback technology
- Extruder size selected to meet process requirements for output and coating thickness

TYPICAL LINE CAPABILITIES - 450 MPM

- Extrusion coating and laminating of paper, film and aluminum foils
- Surface treatment by corona treating, chemical priming and flame treating
- Process capabilities for LDPE, LLDPE, Ionomer, PP, EVA, EMA, EVOH and others
- Single and tandem automatic die stations are available, with or without coextrusion
- Coextrusion using Davis-Standard, Cloeren or EDI feedback technology
- Extruder size selected to meet process requirements for output and coating thickness

TYPICAL LINE CAPABILITIES - 750 MPM

- Three station line for extrusion lamination and coating of paperboard, aluminum foils and films
- Flame and corona treating
- Processes LDPE and adhesive resins in complex coextrusion structures
- Fully automated control systems available
- APC and MD control using high technology sensors
- In-line inspection system used for quality control at high speeds
- Integrated automatic roll handling systems

TYPICAL SPECIFICATIONS

Widths	48 to 67 inches (1200 to 1700 mm)
Line Speeds	Up to 1000 fpm (Up to 300 mpm)
Tension Range	0.2 to 2.5 pli (35 to 435 N/m)
Unwind Diameter	Up to 40 inches (Up to 1000 mm)
Winder Diameter	40 inches (1000 mm)

TYPICAL SPECIFICATIONS

Widths	40 to 90 inches (1000 to 2300 mm)
Line Speeds	Up to 1500 fpm (Up to 450 mpm)
Tension Range	0.2 to 2.5 pli (35 to 435 N/m)
Unwind Diameter	Up to 40 inches (Up to 1000 mm)
Winder Diameter	40 inches (1000 mm)

TYPICAL SPECIFICATIONS

Widths	30 to 65 inches (760 to 1650 mm)
Line Speeds	Up to 2500 fpm (Up to 760 mpm)
Tension Range: Paper Unwind	1.5 to 5.4 pli (250 to 945 n/m)
Tension Range: Process	3 to 10 pli (525 to 1750 n/m)
Unwind Diameter Paperboard	Up to 70 inches (Up to 1800 mm)
Winder Diameter	70 inches (1800 mm)