



DAVIS-STANDARD®

Where your ideas take shape.



**Extrusion
Coating**

Tandem Flexible Packaging Line

Typical Line Capabilities

- Extrusion coating and laminating of paper, film and aluminum foils
- Surface treatment by corona treating, chemical priming
- Process capabilities for LDPE, LLDPE (mono-extrusion)
- Process capabilities for Ionomer, PP, EVA, EMA, EVOH and others (co-extrusion)
- Tandem automatic die stations are available, with or without co-extrusion
- Co-extrusion using Cloeren or EDI feedback technology

Design Criteria

- Maximum web width – 2150mm (86 inches)
- Minimum web width – 1250mm (49 inches)
- Nominal machine roll face – 1400 - 2300mm (55 - 91 inches)
- Machine line speed – 450 mpm (1476 fpm)
- Max roll diameter – 1270mm (50 inches)
- Core shaft sizes – 76mm (3 inch), 152mm (6 inch)
- Web tension range – 2.7 – 27 kg (6 – 60 lb.)

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EQUIPMENT LIST

- Fixed arm turret unwind with integral splicer – qty. three (3)
- Automatic splicing control system
- Corona treater – qty. (3)
- 2-roll direct /gravure roll coater – qty. two (2)
- 20-foot vertical roll support dryer – qty. two (2)
- Extrusion laminator with teflon belt – qty. (2)
- Water recirculation system
- XYZ carriage base for single extruder – qty. (2)
- 4 ½-inch 30:1 L/D air cooled extruder – qty. (2)
- Resin loading and blending system
- Manual screen changers
- 90° valved adapters
- Feed pipes
- Extrusion die – qty. two (2)
- Smoke exhaust hood – qty. two (2)
- Beta gauge with APC – two (2) heads
- Fixed arm turret winder with integral roll changer
- Main line console with Integrator PRO Supervisory Control System
- Programmable Logic Controller (PLC)
- Davis-Standard Secure Service Support System (DS⁵)
- Digital drive system
- Installation support
- Commissioning

OPTIONAL COEX TYPICAL PRICE INCLUDES

- 2 ½-inch 30:1 air cooled extruder – qty. two (2)
- 2 ½-inch 30:1 feed screw – qty. two (2)
- 2 ½-inch downstream including screen changer, valved adapter and feed pipe – qty. two (2)
- 5L fixed geometry feedblock – qty. two (2)

