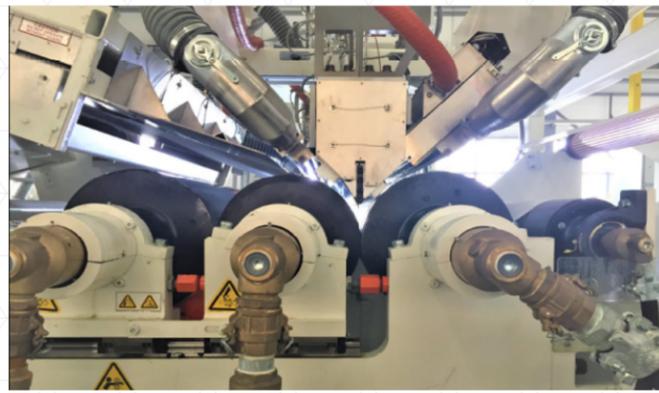


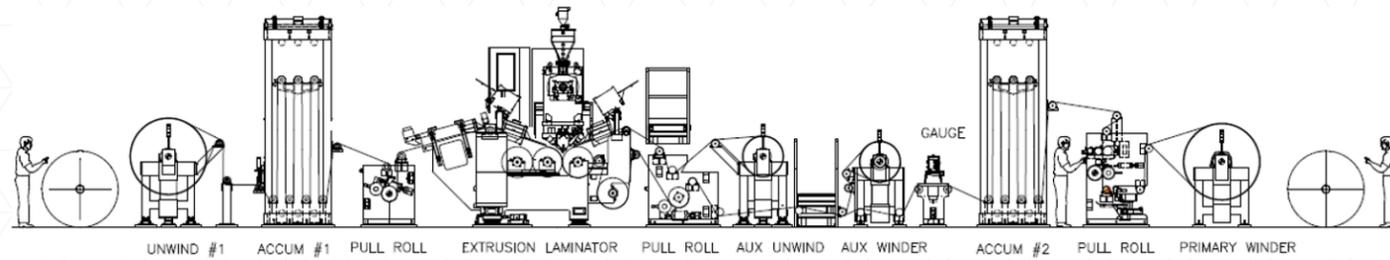
**Fabric Coating Line for High Value Engineered Textile Composite Applications**

Our laminator designs achieve superior adhesion levels. This is accomplished with correct nip force, nip roll geometry and temperature control.

Our patented screw design delivers uniform polymer blend distribution at low let down ratio of other additives.



3- Roll Extrusion Coater / Laminator



**Industries served:** Automotive, Aviation, Construction, Food Processing, Marine & Medical

**End products**

- Hospital mattresses & protective curtains
- Marine materials & life restraint systems
- Evacuation rescue systems
- Conveyor belts for food & tobacco processing
- Pipe rehabilitation systems
- Protective garment & footwear
- Insulated food & beverage carriers
- Recreational inflatables
- Liners for corrosive tanks

**Line Specifications**

<b>Widths</b>	24 - 126 in. ( 600 - 3200mm)
<b>Line Speeds</b>	10 -330 FPM ( 3 - 100 MPM)
<b>Roll diameters</b>	10 – 40 in. ( 250 - 1020mm)
<b>Extrusion system</b>	2 – 5 ¼ in. ( 50 - 130mm)
<b>Coating thickness</b>	0.0007 - 0.10 in (15 - 2500 microns)
<b>Laminator</b>	Interchangeable 2 & 3 nip roll geometries



Upstream View of Web Handling Equipment



3-Roll Extrusion Coater / Laminator with Web Pre-Heat Units

**Extrusion Coating & Laminating for Fabric Markets**



Surface Rewind with In-Line Slitting



Upstream View from Rewind Unit

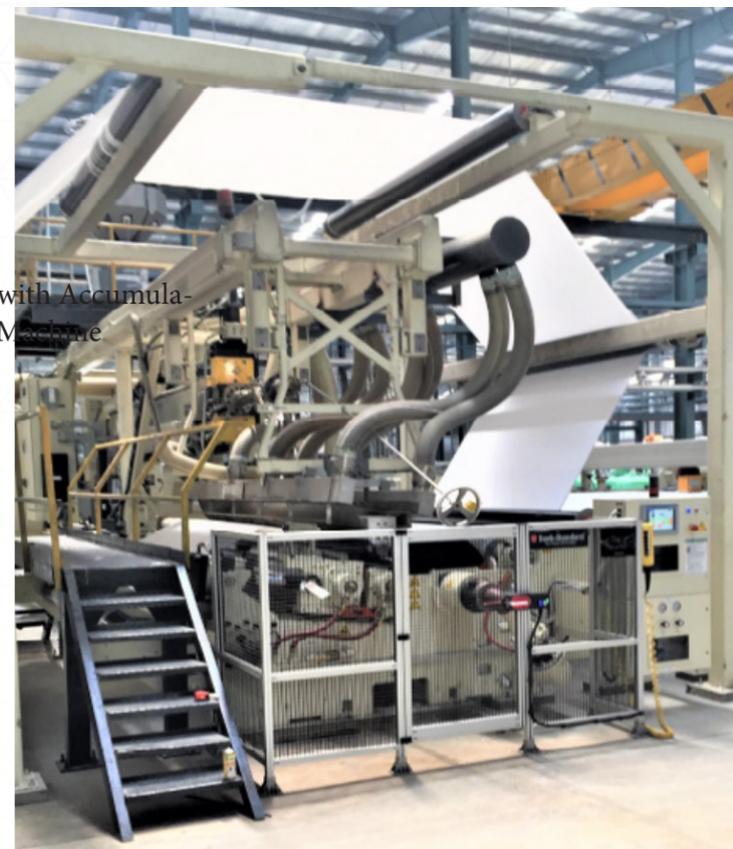
## Fabric Coating

Davis-Standard is the world leader in developing and manufacturing extrusion coating machinery for the fabric coating / laminating industry.

- Best-in-class speeds with emphasis on machine efficiencies
- Minimized material waste
- Polymer processing technology for uniform temperature, pigment / UV / FR mixing with on-line blending
- Web treatment before & after coating
- Polymer processing technology for engineered polymers (TPU, TPO, PVC, Fluoropolymers, etc.)
- Laminator designs for superior adhesion
- Web handling for woven / non-woven / knitted products



Unwind Unit with Accumulator & Sewing Machine



Backside Extrusion Coater with Overhead Web Support

### Fabric Coating Line for High Volume Applications

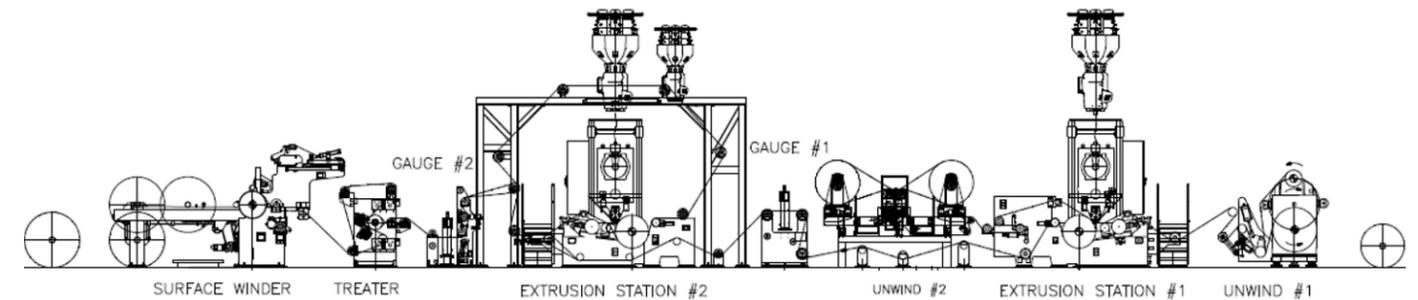
Machinery efficiency and minimizing waste during roll & product change overs is our focus in controlling the extrusion coating and lamination process.

Our patented screw design delivers uniform polymer blend distribution at low let down ratio of other additives.

Industries served: Construction, Industrial bulk containers (IBC), Sack bags, & Tarpaulins / Covers



2-Position Turret Unwind Unit with Automatic Splicing



2-Position Fixed Auxiliary Unwind Unit

### Line Specifications

<b>Widths</b>	24 - 180 in. ( 600 – 4500-mm)
<b>Line Speeds</b>	250 -1500 FPM (80 – 450 MPM)
<b>Roll diameters</b>	24 – 80 in. ( 600 – 2030-mm)
<b>Extrusion system</b>	3-8 in. ( 75-200-mm) Single Screw
<b>Coating thickness</b>	0.0007- 0.015 in (15 – 400 microns)
<b>Laminator</b>	LDPE , PP, HDPE, LLDPE blends

**Industries served:** Construction, Industrial bulk containers (IBC), Sack bags, & Tarpaulins / Covers

### End products

- Lumber & metal wrap
- Industrial bulk containers (IBC)
- Commercial & residential roofing underlayment
- House wrap (breathable & non-breathable)
- Water & waste management membranes
- Tarpaulins / covers
- Pole buildings structures
- Dry goods packaging (sack bags)

