

Window Film

Best-in-class technology for optically clear window film

Liquid Coating Systems



About Davis-Standard

Who We Are

Davis-Standard is a global leader in the design, development and manufacture of extrusion and converting technology. Our systems encompass over 10 product lines to support manufacturing applications and customers in a wide variety of industries, including automotive, building & construction, consumer products, medical, and packaging.

With more than 1,400 employees worldwide and a network of independent sales agents and suppliers in nearly every country, Davis-Standard is committed to engineering systems for you that are cost-effective, environmentally friendly, and offer a high return on investment. The company has manufacturing and technical facilities in the United States, Canada, China, Germany, Finland, Switzerland and the United Kingdom.

Our Purpose

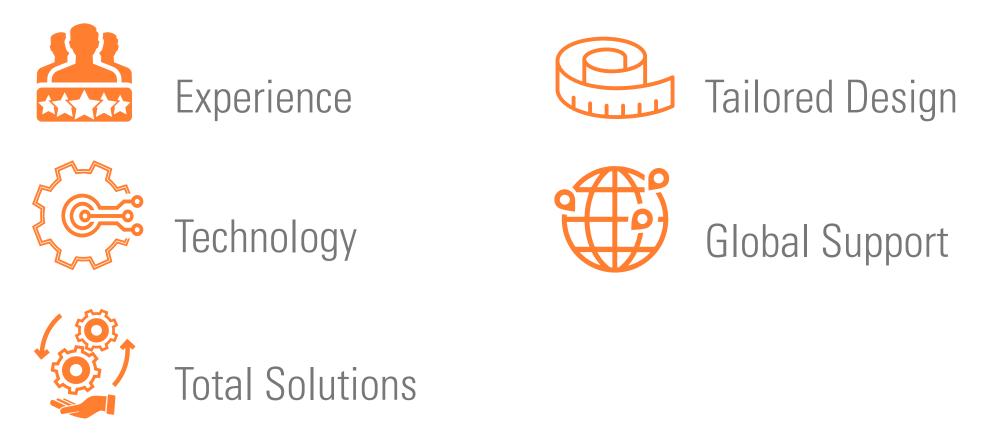
We exist to help you produce products that improve everyday life. Though we are removed from final production of your end products, we are central to the manufacturing of many of the world's essential, or even life-altering, products. Many of these products would not exist without us. Like you, we take that responsibility seriously.

Our Promise

We optimize our customers' productivity and profitability by providing the best total solution (product + support). We serve our customers from a unique perspective. While our competition generally focuses on machine technology, we focus on providing the best total solution. That means, we supply the best combination of product and support services to help customers achieve their business goals.

Davis-Standard Offers

Proven equipment technology used by market leaders for the fastest payback due to increased productivity



Let us tell you how...





Process & Application Experience

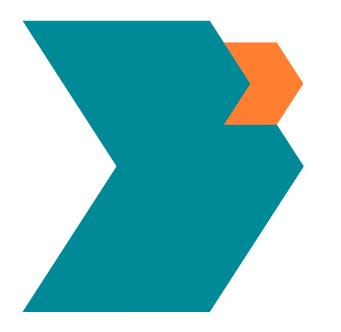
- Adapt & design to customer's formulation
- Equipment design to match technical & business needs
- Continuous winder / unwind
- Web handling
- Quick change
- Coater

- Laminator
- Controls & drives
- Ancillary equipment



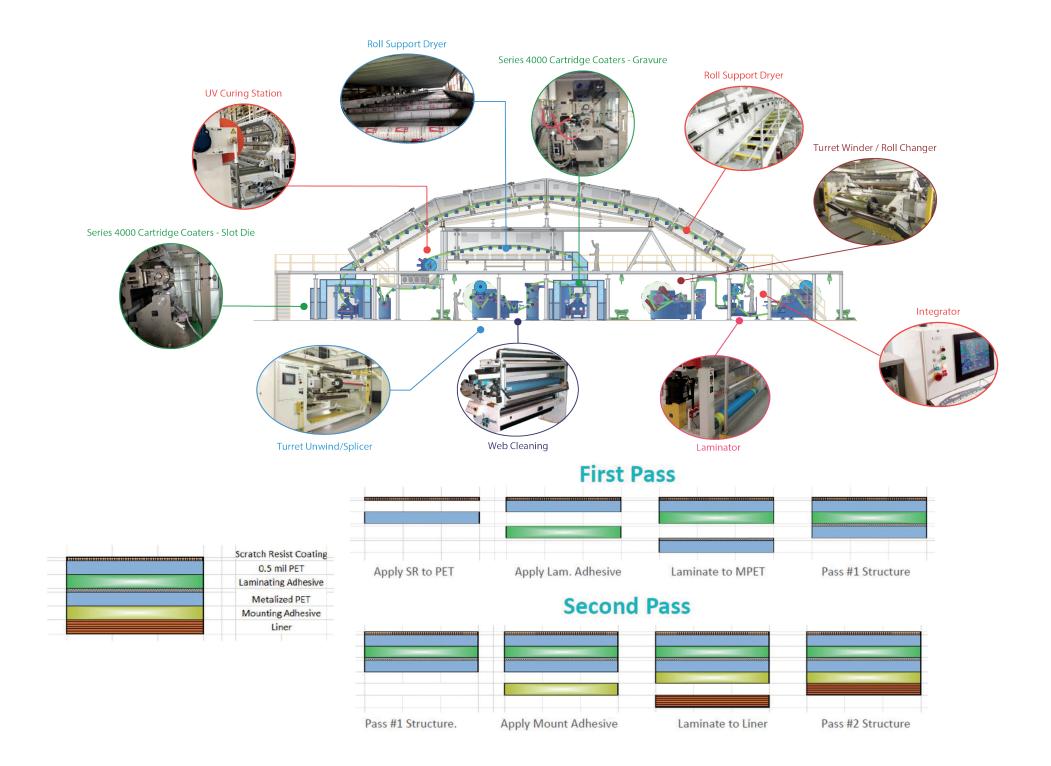
Window Film Line

- Tailored design to address diverse structures and business needs
- Technology for optical clarity and reduced waste
- Regional after-sales support / service centers



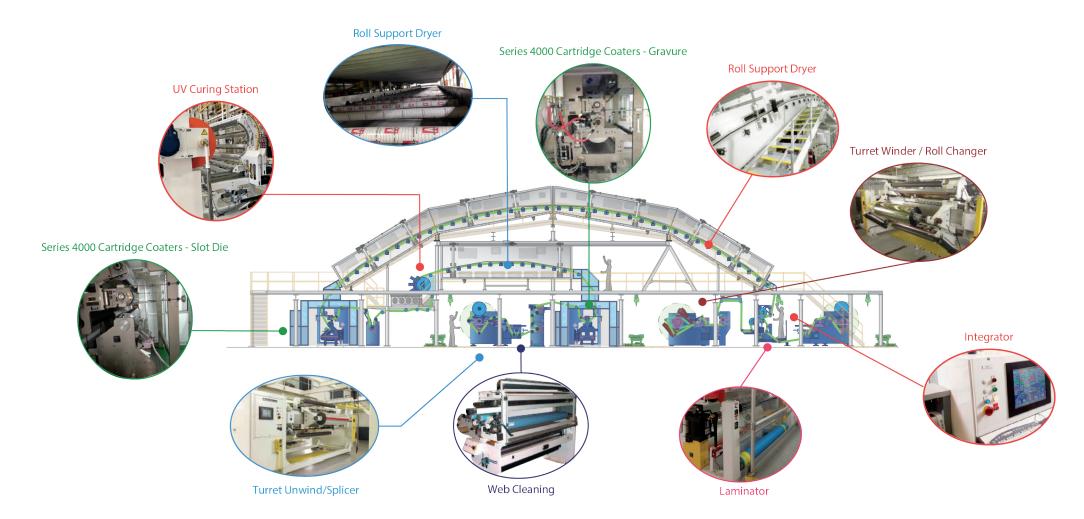
- Line speed up to 150 mpm (492 fpm)
- Width 1980 mm (78 inch)
- Cartridge coater
- Roll support dryer
- UV cure

	Coat Weights	% Solids	Viscosity
Primer	0.06 to 1.6 gsm	5 to 20%	< 50 cps
Scratch Resist	1.6 to 2.5 gsm	30 to 60%	< 100 cps
Laminate Adhesive	1.6 to 16.3 gsm	10 to 40%	< 400 cps
Mounting Adhesive	16.3 to 32.6 gsm	10 to 40%	< 400 cps





Technology Liquid Coating Systems - Window Film





Series 4000 cartridge coaters



Selected Features

- Max process flexibility (slot die, gravure)
- Changeover in 10 min. or less
- Easy to move cart by one person
- Additional cartridges added with no modifications or down time

Laminator



Selected Features

- Precision control adjustable for heat / cool drives
- Curl control for higher productivity
- Quick change design

Turret unwind



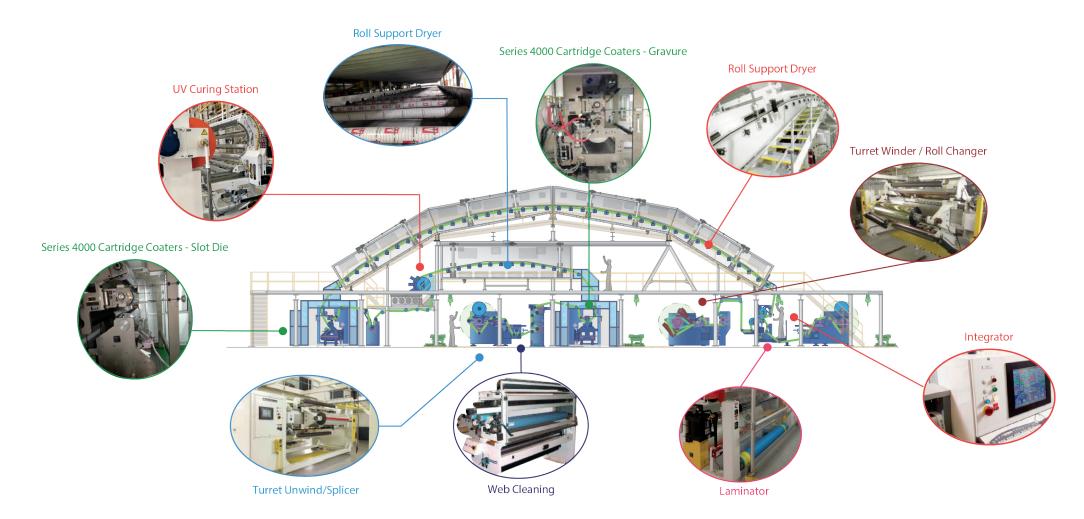


Selected Features

- Best-in-class for reduced waste and faster payback time
- Continuous winding
- Flexibility
- Web handling



Technology Liquid Coating Systems - Window Film





Roll support dryer + Regenerative thermal oxidizer



Selected Features

- Configure to substrate
- Temperature control
- Web tension control
- Regenerative thermal oxidizer for solvent extraction

Web cleaner



Selected Features

- Self clean
- Contact web cleaning
- 2 sided

Integrator PRO supervisory control system



Selected Features

- Recipe capability for repeatability
- Custom controls for drives, pressures & gauging system
- Compatible with all industry analog & digital drives controls
- Historical data capture

UV curing station



Selected Features

- Scratch resistance curing
- Inert environment
- Multiple options available





We Offer a Total Solution



Stewardship - Start to Finish

PRE-SALE - Tailored design based on customer technical & business needs SUPPORT - Pricing, timing and delivery options presented	2 PROJECT MANAGEMENT	 Workflow, process integration to track build & delivery time Frequent 2 way communication 		
3 INSTALLATION & – Davis-Standard teams are the commissioning – Davis-Standard teams are the experienced/skilled in the ind – Operator & maintenance train	ıstry	ET – Low cost of total ownership – Regional locations for quick spares	& support	

24/7 Emergency Support Request +1 844 MY DAVIS (+1 844-693-2847) Collaborative Partner for your Entire Line

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9% \$8



Partnership to take standard offering & tailor to customer's business & technical needs

Innovation Starts Here

Davis-Standard has mastered the art of working with progressive customers and industry partners to break old paradigms and develop liquid coating and converting product platforms that provide a competitive advantage.

Customization Is Key

Major components of our liquid coating lines are often tailored to address specific customer needs. This can be as simple as combining existing design elements in a unique way or developing a new solution to enhance existing capabilities.

Packaged Solutions

From concept to reality, experienced engineering teams turn specific objectives into high performance manufacturing solutions. Well-equipped pilot facilities enable customers to test and prototype concepts, building a foundation of confidence.

Technology Leadership

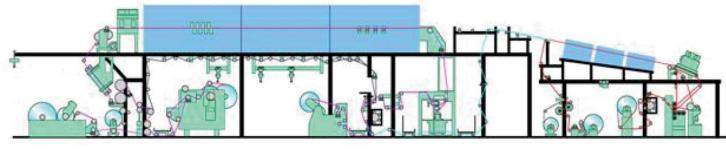
By consistently reviewing technology fundamentals, Davis-Standard addresses major industry trends of industry 4.0 & productivity improvements.





Research and Technical Center

Tandem Coating Capabilities



Selected Features

- Max line speed 915 mpm or 3000 fpm
- 915 mm max web width (production lab)
- 460 mm max web width (pilot lab)
- 290° C maximum air temperature

- AC vector drives
- Aqueous and/or solvent coatings capabilities
- Scalable pilot & production lab
- Experienced personnel

Evaluate Coatings for Specific Products





Davis-Standard - A Global Company

Production Across Three Continents

- Quick Response Parts & Service



Pawcatuck, Connecticut, USA

24/7 Emergency Support Request +1 844 MY DAVIS (+1 844-693-2847)

Erkrath/Düsseldorf, Germany



PUT US TO WORK FOR YOU.

We strive to do whatever it takes to ensure that you are able to produce a superior end product, at a superior profit. Contact us today to learn how we can help you succeed.



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