



Aseptic Packaging

Global market leader in aseptic packaging & process efficiency

Extrusion 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

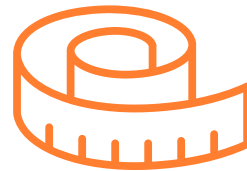
We optimize our customers' productivity and profitability by providing the best total solution (product + support). We serve our customers from a unique perspective. While our competition generally focuses on machine technology, we focus on providing the best total solution. That means, we supply the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

Davis-Standard Offers

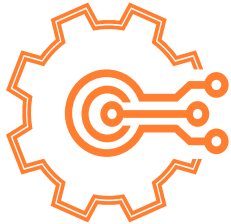
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Experience



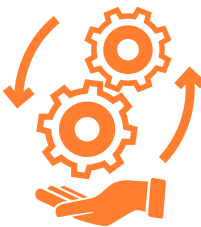
Tailored Design



Technology



Global Support



Total Solutions

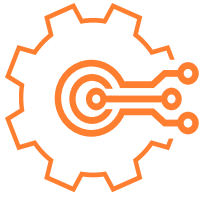
Let us tell you how...





Process & Application Experience

- Adapt & design to customer's structure & requirements
 - Equipment design to match technical & business needs
-
- Extruder package
 - Web handling
 - Reduce waste
 - Winder
 - Optimum roll quality
 - Laminator
 - Inside coating station
 - Decor coating station
 - Controls & drives
 - Ancillary equipment



Case Study - Typical Aseptic Packaging Line Extrusion Coating Systems - Aseptic Packaging

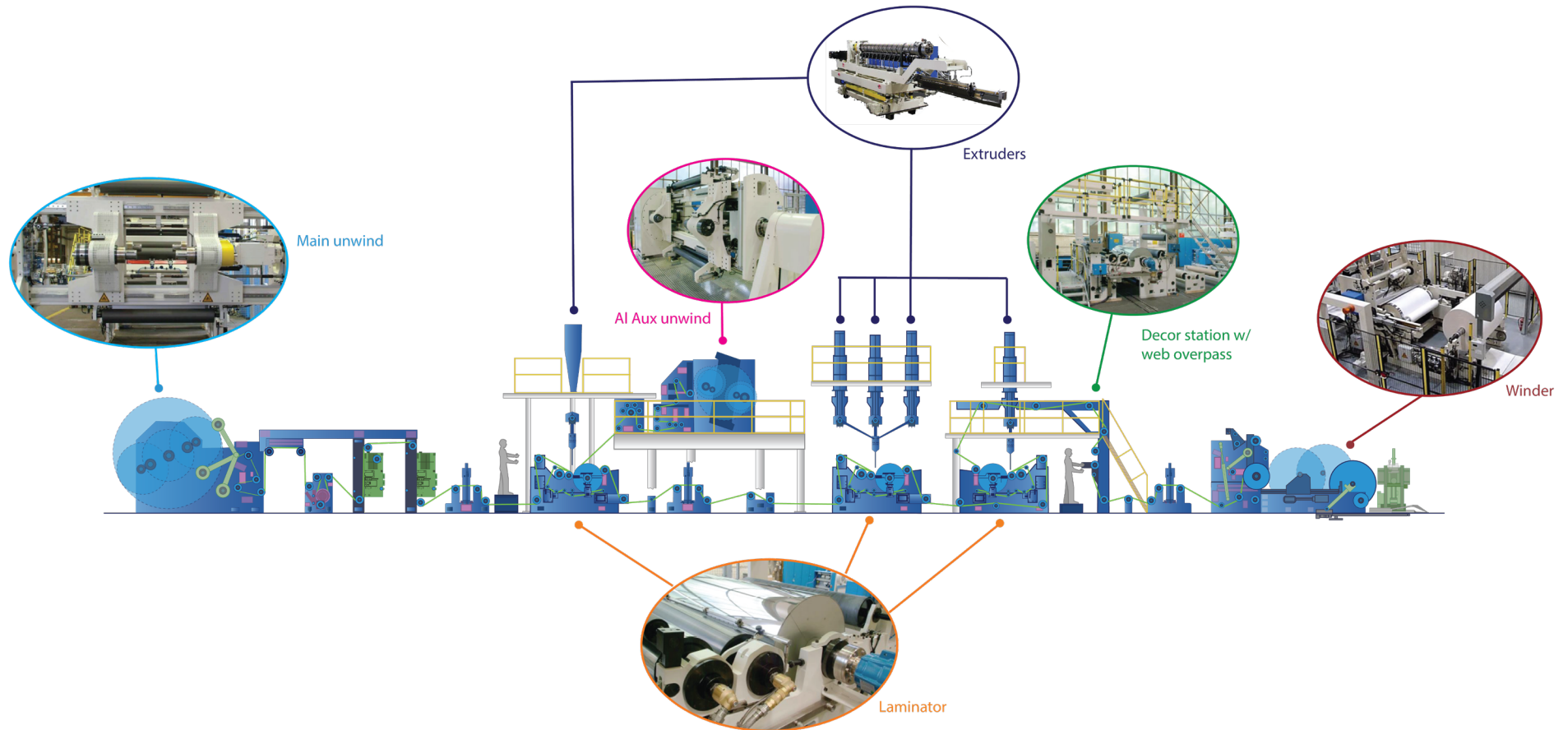
Typical Aseptic Packaging Line

- Tailored design to address diverse structures, regulatory and business needs
- Technology for best-in-class speed, quick change and reduced waste
- Regional after-sales support / service centers



- Triplex extrusion coating and laminating line for paper, aluminum foils and/or film
- Surface treatment on both sides of the board
- Shaftless unwind and winder
- Web tension range depending on substrate and width

Typical Aseptic Packaging Line

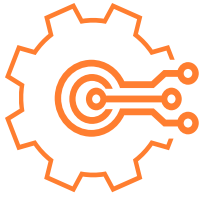


Typical Aseptic Packaging Line

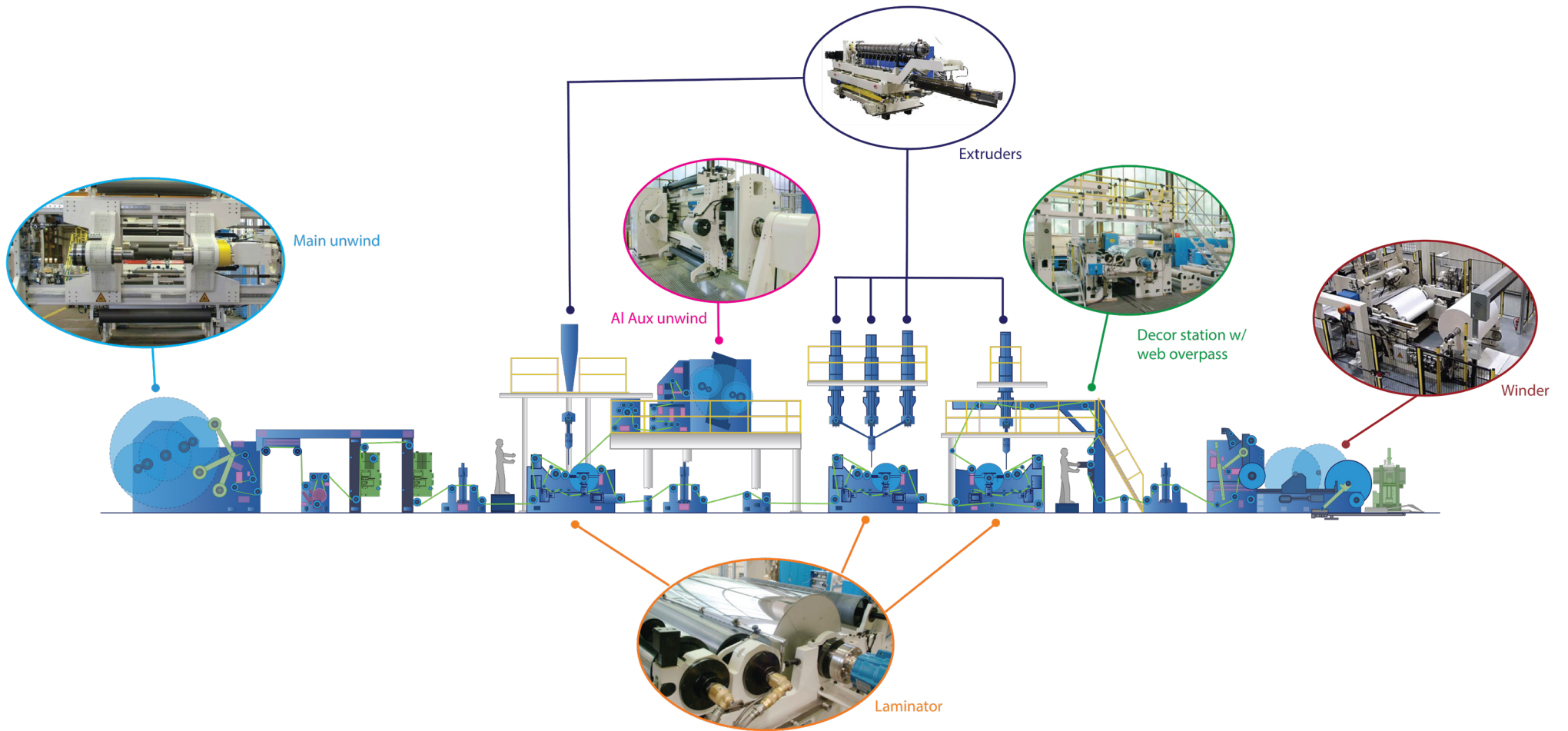
- Machine line speed - 350, 450, 600, or 800 m/min
- Minimum web width - 1350, 1650, 1900 mm
- Maximum roll diameter for paper - 1600 mm up to 2000 mm

dsX™ Aseptic 400 Packaging Line

- Machine line speed - 250 to 400 m/min
- Minimum web width - 1350 mm
- Maximum roll diameter for paper - 1600 mm



Technology Extrusion Coating Systems - Aseptic Packaging





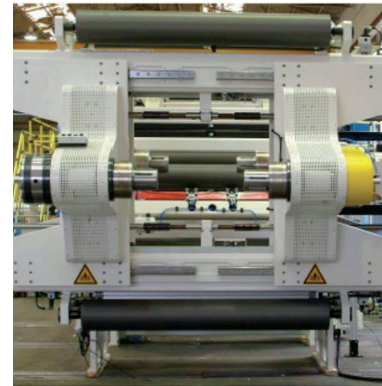
Auxiliary unwind



Selected Features

- Reliable high speed splice for sensitive thin Al foil
- Short web pass into the laminator for stable production
- Dual direction roll change

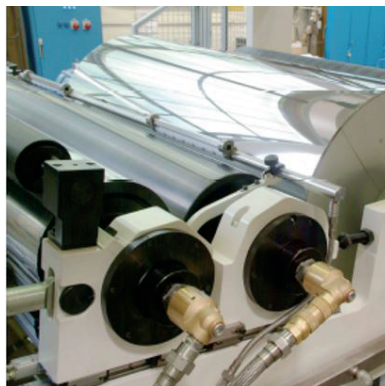
Main unwind



Selected Features

- Reliable high speed splice for reduced waste
- Dual direction splicing
- Minimize tail length

Laminator design



Selected Features

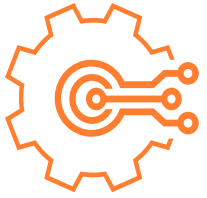
- Linear nip pressure for superior adhesion
- Quick roll change
- Chill roll design for best heat transfer
- Motorized teflon system for easy web width changes

Decor station with web overpass

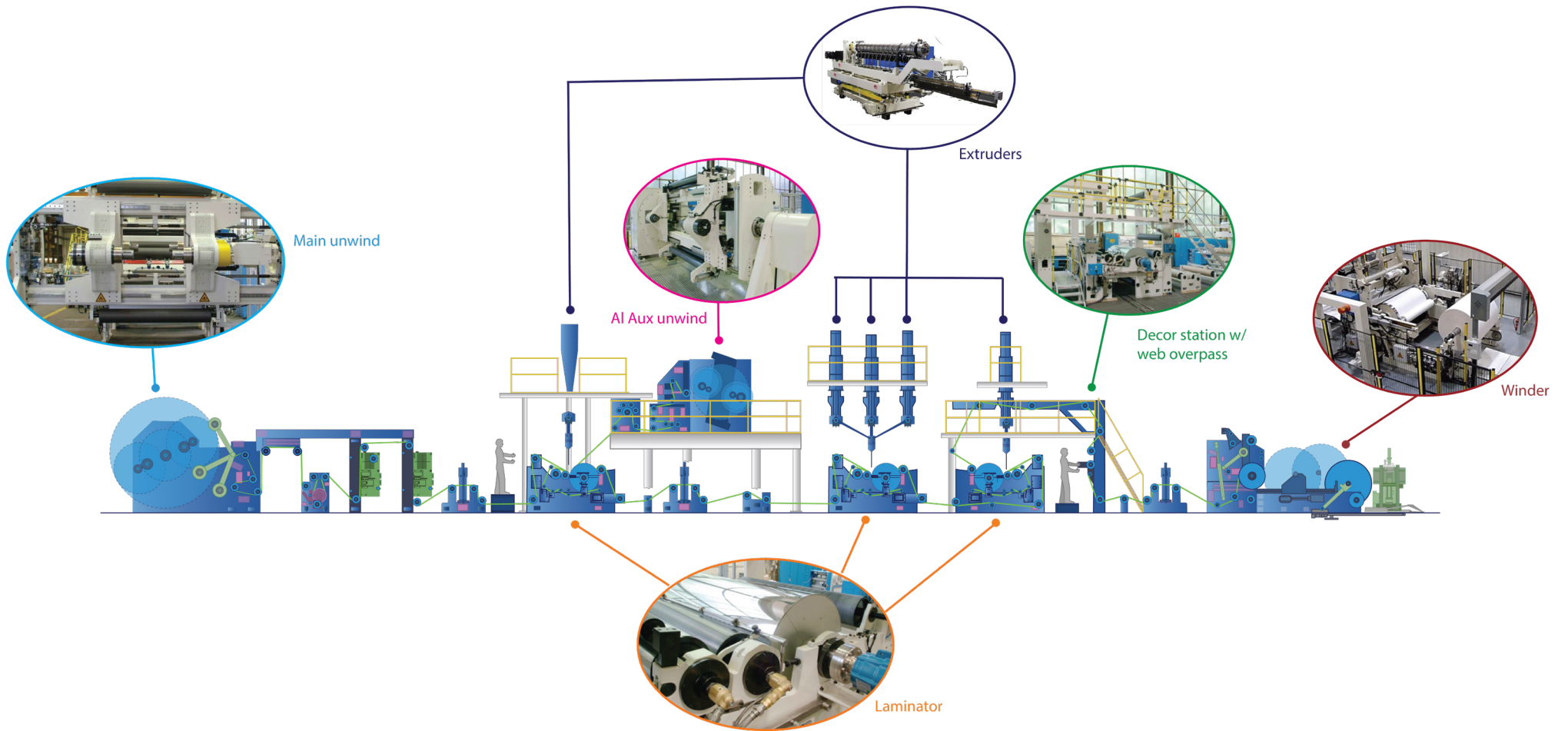


Selected Features

- Quick roll change
- Pneumatic actuated bridge

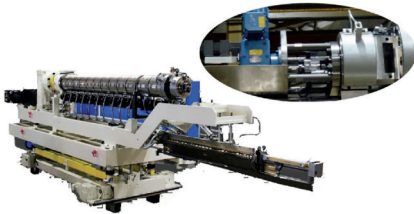


Technology Extrusion Coating Systems - Aseptic Packaging





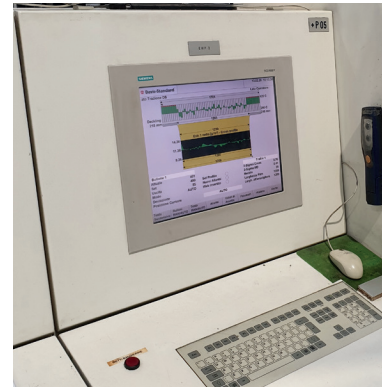
Extruder and screw design



Selected Features

- 3-way motorized movable carriage
- Temperature control for melt quality
- Screw design for wide range of resins (including biodegradable resins)
- Motorized QSE adapter for safe & quick screw change

EXACT-S visualization 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

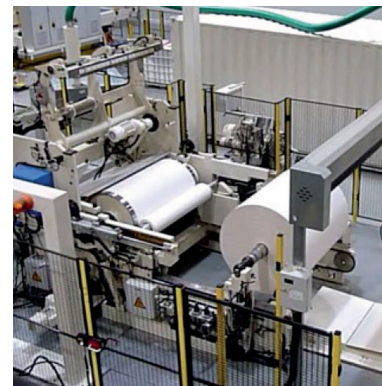
Web handling



Selected Features

- Best-in-class speed from start to finish
- Optimized web path for less downtime
- Precision tension control for premium product quality

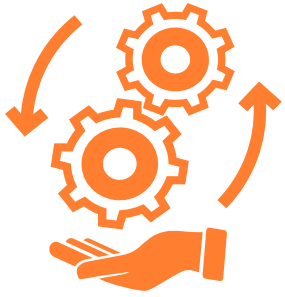
Winder



Selected Features

- Turret and surface type winders for premium product quality
- High speed knife for reliable web transfer
- Best-in-class speeds





We Offer a Total Solution



Stewardship - Start to Finish

1

PRE-SALE SUPPORT

- Tailored design based on customer technical & business needs
- Pricing, timing and delivery options presented

2

PROJECT MANAGEMENT

- Workflow, process integration to track build & delivery time
- Frequent 2 way communication

3

INSTALLATION & COMMISSIONING

- Davis-Standard teams are the most experienced/skilled in the industry
- Operator & maintenance training

4

AFTERMARKET

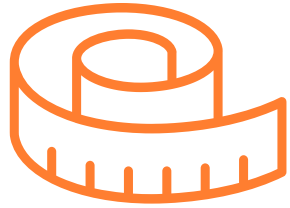
- Low cost of total ownership
- Regional locations for quick spares & support



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

Collaborative Partner for your Entire Line





Tailored Solutions

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 extrusion and converting product platforms that provide a competitive advantage.

Customization Is Key

Major components of our extrusion 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.

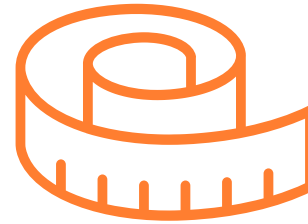
Packaged Solutions

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.



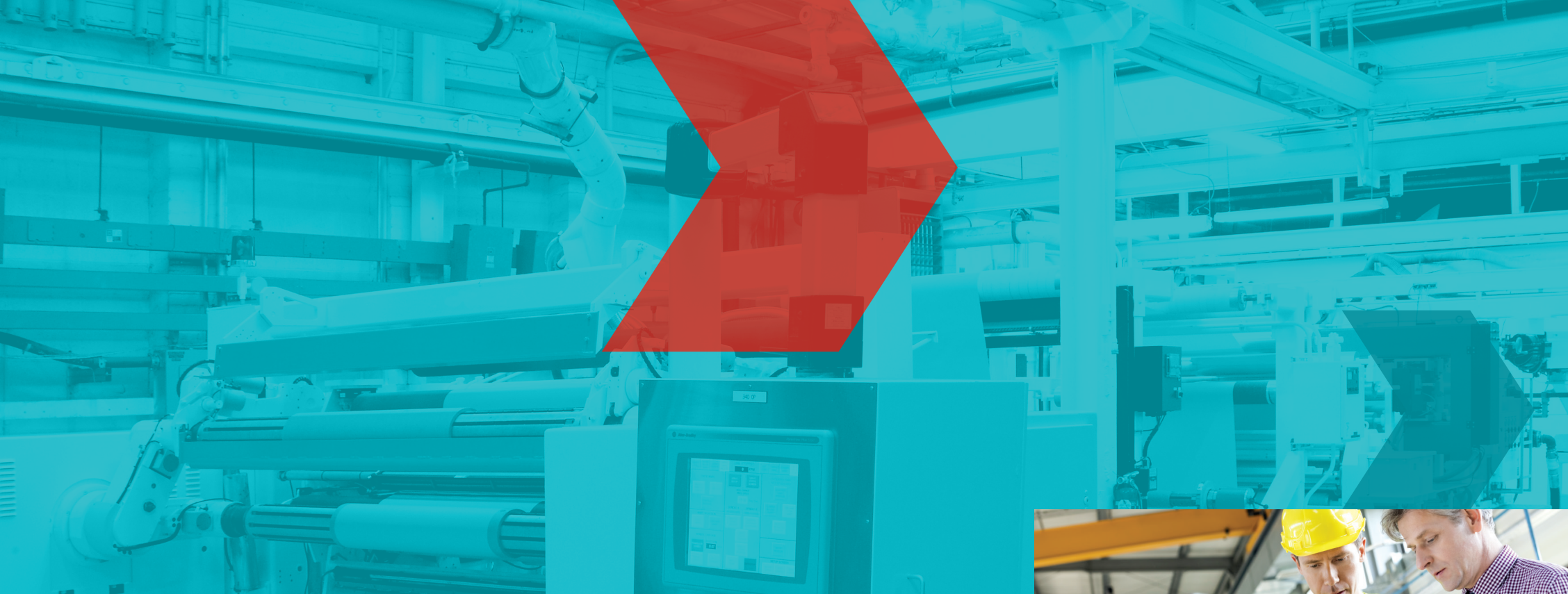


Research and Technical Centers

Extruder List

- 3/4 inch extruder
- 1 inch extruder
- 2.5 inch direct drive extruder
- 2.5 inch high speed extruder
- 2.5 inch Helibar extruder
- 3.5 inch extruder (smooth & grooved feed)
- 4.5 inch extruder

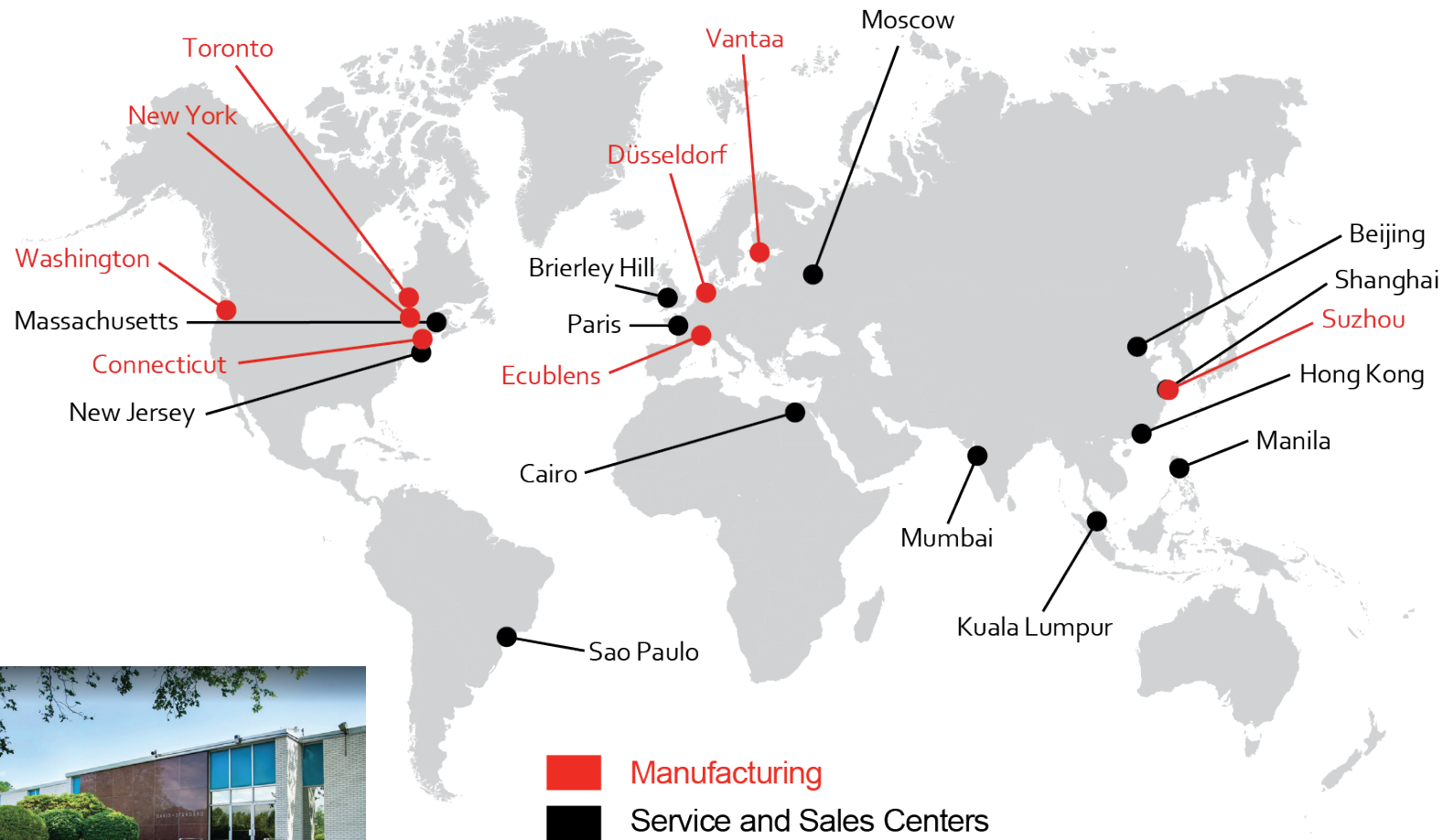






Davis-Standard - A Global Company

Production Across Three Continents - Quick Response Parts & Service



Fulton, New York, USA



Suzhou, China



Pawcatuck, Connecticut, USA



Erkrath/Düsseldorf, Germany

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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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Where your ideas take shape.