



Cup Stock Coating Line

Global market leader in cup stock coating & 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

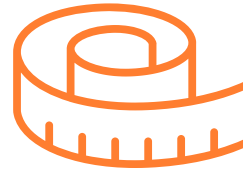
We optimize our customers' productivity and profitability by providing the best total solution (product + support). We serve our customers from a unique perspective. While our competition generally focuses on machine technology, we focus on providing the best total solution. That means, we supply the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

Davis-Standard Offers

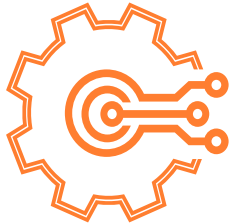
Global market leader in cup stock coating & process efficiency



Experience



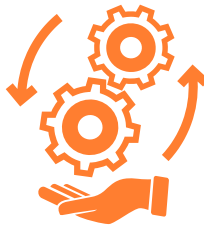
Tailored Design



Technology



Global Support



Total Solutions

Let us tell you how...





Process & Application Experience

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



Case Study - Typical Cup Stock Coating Line

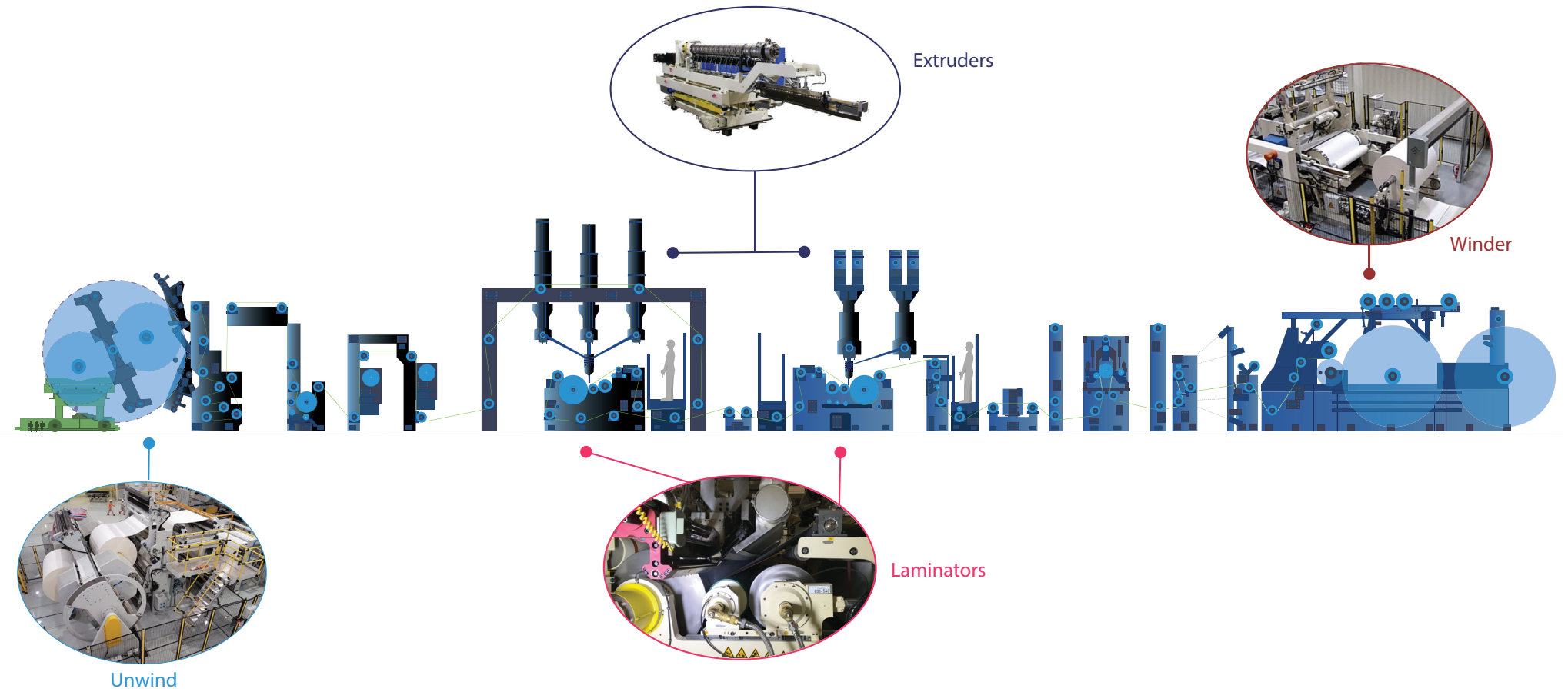
Extrusion Coating Systems - Board Coating

Cup Stock Coating Line

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



- Tandem extrusion coating line for paperboard
- Surface treatment for both sides of the board
- Machine line speed - 450, 600 or 700 m/min
- Maximum web width - 1350, 1650, 2300 and 3200 mm
- Maximum roll diameter for paper - 1600 up to 2000 mm
- Turret and surface type winders for premium product quality
- Web tension range depending on substrate and width



Extruders

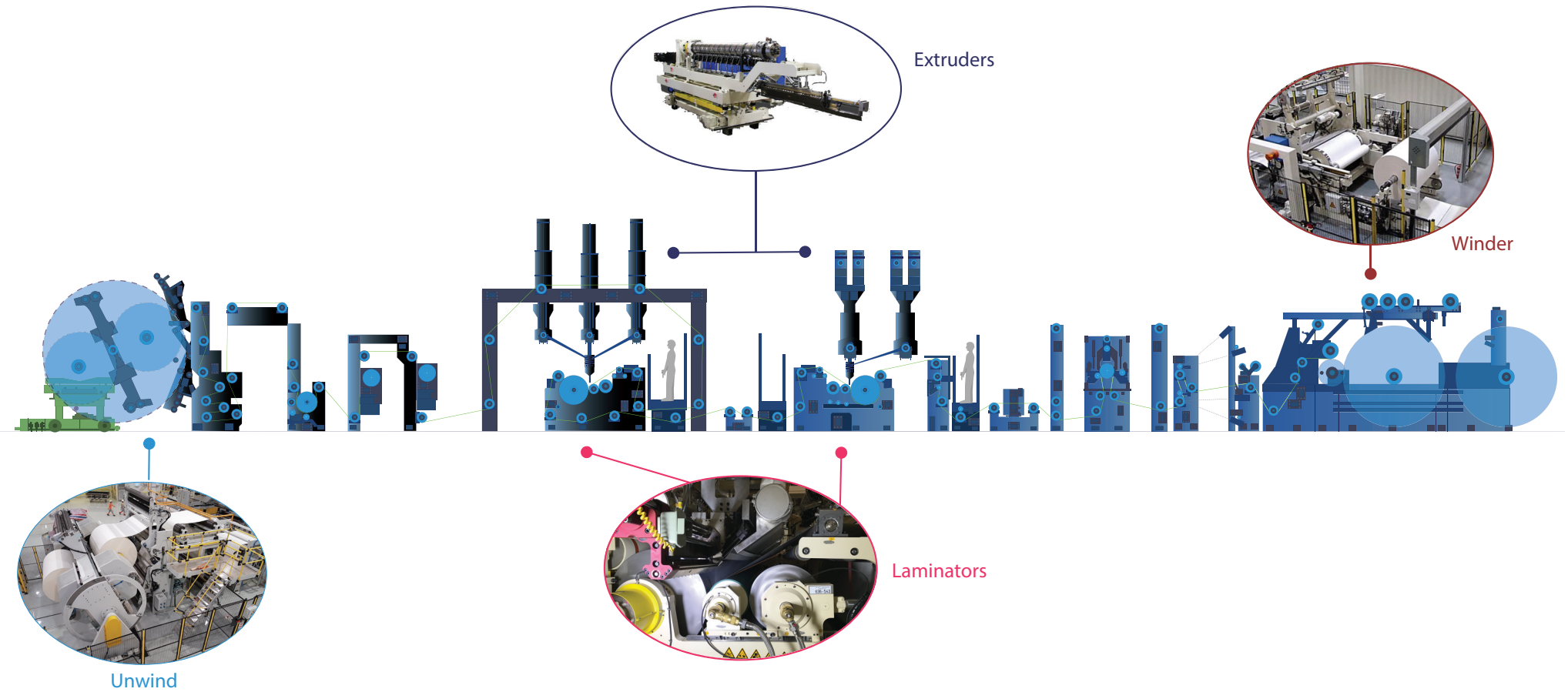
Winder

Laminators

Unwind

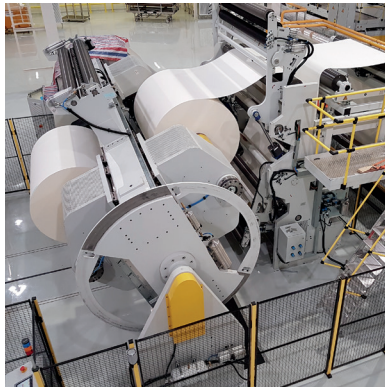


Technology **Extrusion Coating Systems - Cup Stock Line**





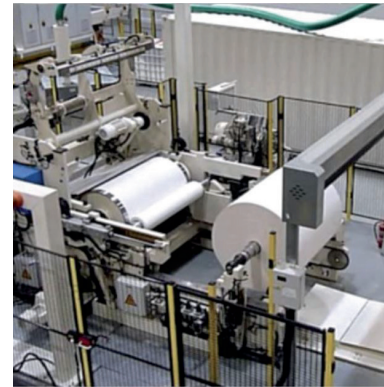
Unwind



Selected Features

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

Winder



Selected Features

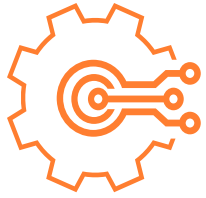
- Turret and surface type winders for premium product quality
- High speed knife for reliable web transfer
- Best-in-class speeds

Laminator design

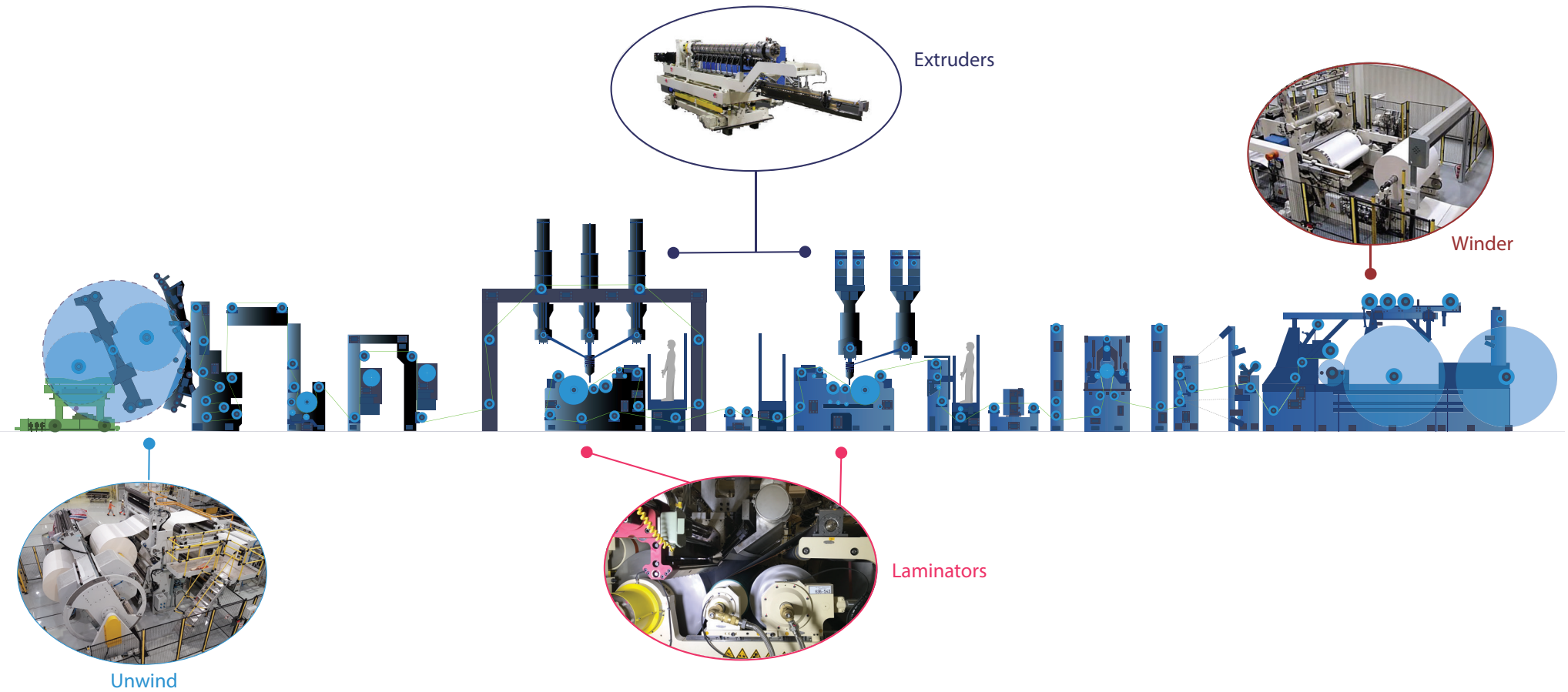


Selected Features

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



Technology **Extrusion Coating Systems - Cup Stock Line**





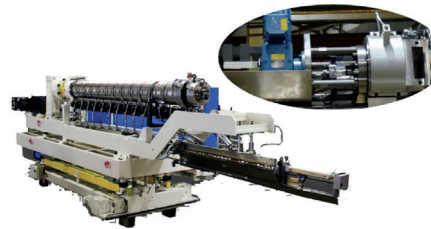
Web handling



Selected Features

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

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

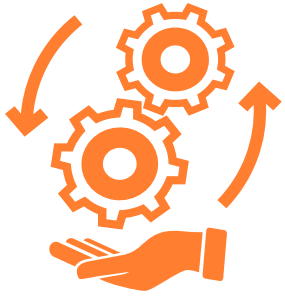
EXACT-S visualization system



Selected Features

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





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

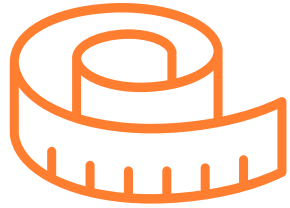
- Low cost of total ownership
- Regional locations for quick spares & support



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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.

Packaged Solutions

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

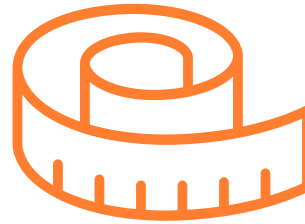
Customization Is Key

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.

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



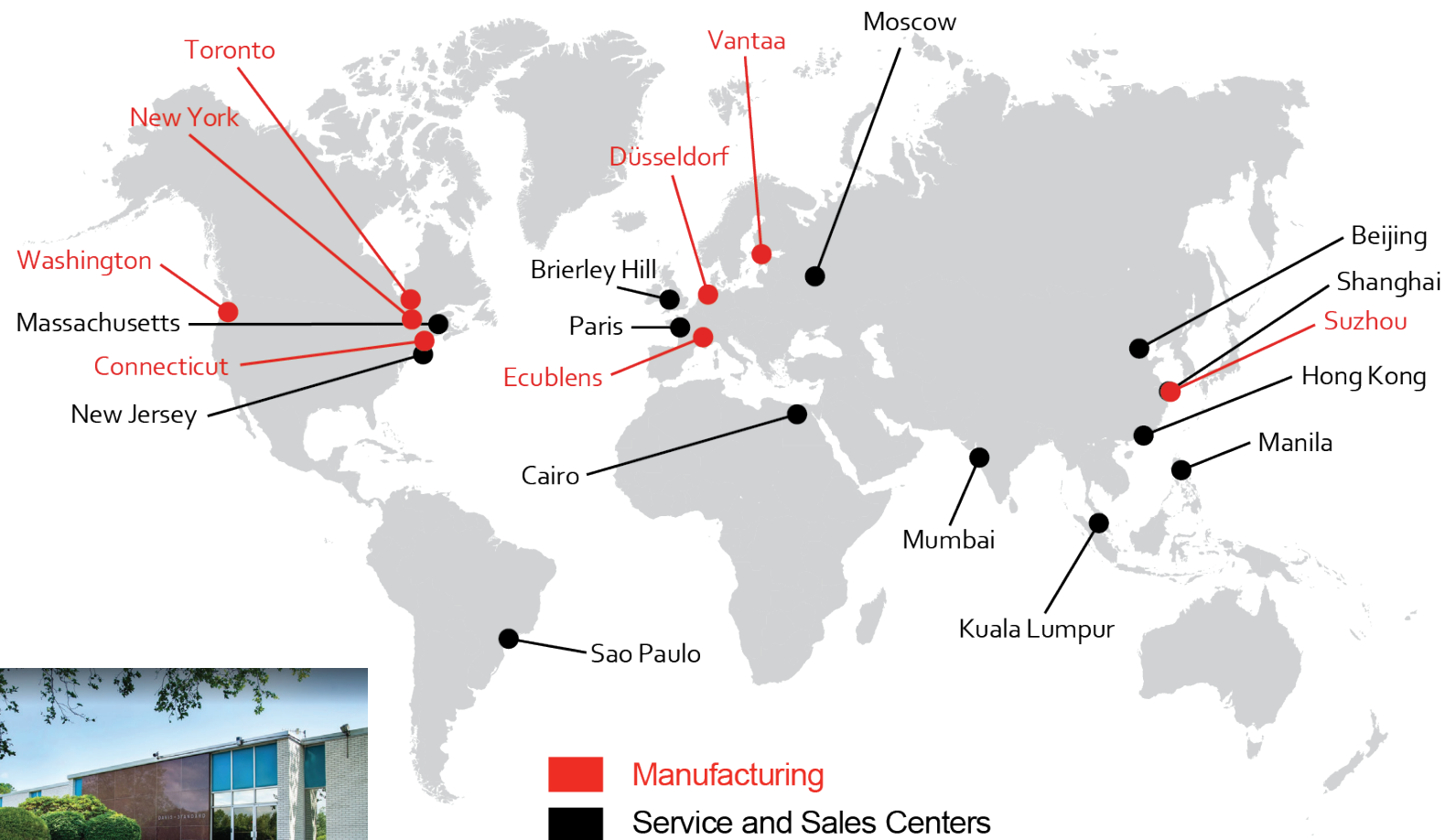




Davis-Standard - A Global Company

Production Across Three Continents

- Quick Response Parts & Service



Pawcatuck, CT, USA



Fulton, NY



Suzhou, China



Erkrath, 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.