



POLYMER PROCESSING SOLUTIONS

OPTIMIZING YOUR
**PRODUCTIVITY
& PROFITABILITY.**



PRODUCT INNOVATION

COST CONTROL

CUSTOMIZATION

SPEED-TO-MARKET

DIGITAL TRANSFORMATION

UPTIME

Revolution is the new status quo.

A fundamental shift is taking place. Evolving customer demands and growing global pressure are reshaping the way organizations like yours compete. Winning requires a constant wave of fresh thinking and product innovation. The window to bring concepts to reality is narrowing.

At the core of this shift is the realization that, to remain productive and profitable, you need a polymer processing machinery supplier that understands these challenges and can offer flexible, tailored solutions.

When making decisions about your next equipment investment, there is no margin for error. The emphasis has to be on uptime, efficiency and lowest total cost.

This is where Davis-Standard excels.





Helping make your product ideas real.

Practically speaking, Davis-Standard supplies polymer-processing solutions. But we are really in the making-your-product-ideas-real business. It is not just about providing highly reliable extrusion and converting systems. It is about helping you compete.

It starts with our deep understanding of your needs. It continues with our ability to provide a tailored equipment and service solution to meet those exact needs. Ultimately though, it is because of our responsiveness – to virtually every challenge – that your ideas for better products are more than just a dream. At Davis-Standard, they become reality.



Maximizing your output. Minimizing your costs.

We serve your needs from a unique perspective. While our competition generally focuses on machine technology, we recognize that is not enough to fulfill your needs. You expect your suppliers to help you during every phase of the product life cycle. And you expect that they will follow through on their promises and honor their commitments. In other words, you need a partner.

That's Davis-Standard. We offer a total solution - a combination of product capabilities and support services that do not simply serve your production goals, but your business goals as well.



Our 5-step total solution.

1 **PRE-SALE SUPPORT SERVICES**

First we listen. The goal is to fully understand your specific application requirements related to system specifications, timing, delivery and budget. Then we present system options and even help you create a case for justification.

2 **IMPLEMENTATION PLANNING**

Before we build your system, we help you think through workflow and process integration. We also initiate our expert project management process to track the build and delivery against your requirements.

3 **INSTALLATION SUPPORT & TRAINING**

We simplify the integration of the system into your operation with not only installation, start-up and commissioning support, but also operator and maintenance training. We also run trials so you can test your system before and after delivery.

4 **SYSTEMS BUILT TO EXACTING STANDARDS**

Our build teams are the most experienced and skilled in the industry. They work with meticulous care to meet the most rigorous customer and industry standards.

5 **ONGOING SERVICE & SYSTEM SUPPORT**

We support you through the entire product life cycle to keep your cost of ownership low. Remote access and troubleshooting, application support and product maintenance services are part of our total solution.

Extrusion Systems

Blow Molding

Flexible, custom-designed accumulator head blow molding systems feature closed-loop hydraulic and electronic controls and state-of-the-art screw design for processing both polyolefins and engineered thermoplastics.

Elastomer

Industry leaders in turnkey rubber and silicone extrusion technology to support a range of applications including rubber hose, rubber and silicone gaskets, combination rubber and plastic barrier products, medical and industrial silicone tubing and multi-durameter weatherstripping.

Extruders

Our extruders are so reliable that some are still operating after 50 years of continuous service. This track record combined with high output rates and a rapid return on investment make Davis-Standard extruders the workhorses of the industry.

Foam

We are an industry leader in foam extrusion. Whether you're trying to achieve a specific product density or insulation characteristic, Davis-Standard foam extrusion capabilities make it possible.

Pipe, Profile & Tubing

Our extrusion systems can be configured to produce pipe, profile and tubing products for applications in the medical, automotive and construction fields. We specialize in systems that can extrude complex multi-lumen and coextruded products as well as high-speed lines for conventional tube and pipe applications.

Process Controls

The brain of the extrusion line drives your operation and smart process controls make a huge impact on the bottom line. That is why every system in Davis-Standard's full line of process controls is operator-friendly, efficient and reliable.



Reprocessing & Compounding

For recycling the waste stream into a reusable product, our range of single screw and twin screw compounding and reprocessing systems address key efficiency factors such as solids feeding and conveying, venting and devolatilization, compression and melting, polymer homogenization and process controls.



Sheet & Thermoforming

Davis-Standard and TSL are your pellet-to-part partners for sheet and thermoforming applications. Our sheet capabilities support all flexible and rigid sheet extrusion applications up to nine layers. TSL thermoforming systems address rigid packaging markets with high-output solutions for both flat bed and wheel systems.



Wire & Cable

For more than 60 years, Davis-Standard has been at the forefront of wire and cable extrusion. Our extruders – along with payoffs and takeups, accumulators, cooling systems and capstans – enable us to offer one-stop shopping.



Converting Systems

Blown Film

From simple mono-layer to complex multi-layer structures up to 11 layers, air cooled or water cooled, we deliver the optimal production system. Complete systems, as well as upgrades, are available in layflat widths from 1-10 meters to processors around the world.

Cast Film

Our knowledge of multi-layer cast film structures and film orientation, coupled with innovative dies and winders, high efficiency cooling rolls and superior control technology enable us to support all of your needs.

Extrusion Coating

With the industry's most versatile equipment platforms, we deliver cost-effective extrusion coating systems for the most demanding flexible packaging, non-wovens, paper and board coating and laminating applications.



Liquid Coating

When it comes to achieving the right viscosity, emulsion, pH and adhesive characteristics, Davis-Standard's experienced engineers consider multiple variables when building lines for specialty-coated products – ensuring the best solution.



Pelletizing

Davis-Standard helps customers achieve high-quality pellets through field-tested experience in underwater pelletizing, water ring pelletizing and air ring pelletizing processes. Our modular extrusion and pelletizing solutions are ideal for conventional, micro and macro pellet production.

Process Controls

Every system in Davis-Standard's full line of process controls is operator-friendly, efficient and reliable. From discrete to full supervisory control, our control systems are engineered in-house to ensure quality and value.



Winding/Unwinding

We offer the industry's largest selection of continuous winding and unwind systems, and slitter rewinders. Our winding and unwinding equipment is engineered for dependability, wound roll conformation and maximum uptime



Aftermarket Support

Not only do we tailor our products and support solutions to your needs, we also aim to offer a highly collaborative and worry-free development, installation and training process. We want it to feel like white glove service from beginning to end.

Our 24/7 service hotline, extensive spare parts inventory, and on-site technical services help you avoid costly downtime and boost productivity. Equipment and feedscrew upgrades, gearbox retrofits, L/D conversions, advanced drives and controls are available to support new system performance without a new system price.

We are proud to offer a one-stop, parts and service center for maintaining, reconditioning and retrofitting your machinery. Think of us as your extrusion partner for the life cycle of your equipment. Available around the clock and around the globe.

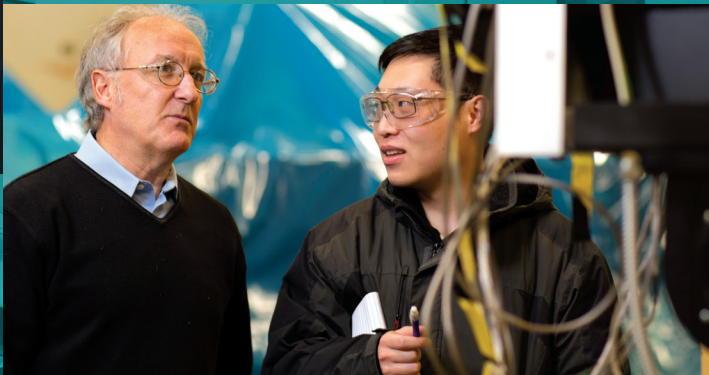


BRANDS WE SUPPORT

In addition to our principal Davis-Standard products, we also support the owners of the following equipment brands:

- Betol™
- Black Clawson Converting Machinery, Inc.™
- Brampton Engineering, Inc.
- Circonix Technologies
- Clipper Machines™
- Davis-Standard®
- DS Brookes, Ltd.
- Egan®
- ER-WE-PA™
- Floataire
- Francis Shaw
- Gloucester Engineering
- Harrel®
- Hartig
- HES
- Kabel Teknik Ltd.
- Killion™
- KU-KA-MA
- Maillefer
- Merritt™
- NRM Extrusion®
- Repiquet
- Sterling™
- Thermoforming Systems LLC (TSL)







Technical Development Support

Our aim in developing new extrusion and converting technology is optimizing our customers' product success. R&D capabilities, including a range of comprehensive extrusion and converting pilot lines for testing and proving new applications, enable us to work side-by-side with you to find the best answers for improved efficiency, reduced energy usage and minimum scrap.

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 achieve 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 extrusion pilot facilities enable customers to test and prototype concepts, building a foundation of confidence.

Technology Leadership

By consistently reviewing technology fundamental to the extrusion and converting industry, Davis-Standard addresses major initiatives such as lowering energy consumption. In some instances, this involves partnerships with other industry-leading suppliers.





PUT US TO WORK FOR YOU.

Basically, 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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DAVIS-STANDARD®

Where your ideas take shape.