

# KEYSTONE REVIEW

JULY

AUGUST

SEPTEMBER 2006

## Davis-Standard, LLC Shines at NPE – A Big "Thank You" to our Customers!

**N**PE was positive on all accounts for Davis-Standard, LLC due to excellent customer participation. More than 1,000 customers visited Davis-Standard's 9,000 square-foot (836 square-meter) booth which showcased a range of equipment from both the Converting Systems and Extrusion Systems Groups. Davis-Standard took in more than 1,200 leads and had more than \$5 million in sales during the show. On Tuesday night of the show, more than 300 customers attended the company's customer appreciation dinner. Thank you to all who attended.

"This was an exciting NPE for us because it was the first time our Converting Systems and Extrusion Systems Groups have exhibited together," said Charlie Buckley, Davis-Standard president and CEO. "I think we were able to share the positive dynamics of our organization



Davis-Standard's booth was a busy place during NPE; more than 1,000 customers stopped by during the show.

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## Solarium de Paris Installs Davis-Standard XP Express™

**S**olarium de Paris of Québec, Canada, recently installed a Davis-Standard, LLC XP Express™ sheet system to improve quality control and cost effectiveness for its growing line of commercial sunroom products. The system, installed in March, is being used to manufacture flexible PVC window film in widths up to 34 inches (860mm) in two colors and with a thickness of 0.020 mil. Solarium de Paris is the first company to install the XP Express, Davis-Standard's new, pre-engineered roll stand with linear roll actuation and capabilities for lamination, auxiliary cooling, slitting and trimming, embossing and protective film applications.

"We purchased the sheet line from Davis-Standard for many reasons," said Jacques Hébert, Solarium de Paris project manager. "First, we wanted to improve the quality and value of our sunroom windows by ensuring an adequate formulation while reducing production costs. Secondly, we are expanding our product line to include window film for

various applications including the production of warehouse curtains. Davis-Standard demonstrated to us that their equipment was best-suited for our product applications and our production goals."

According to Hébert, the XP Express has enabled Solarium de Paris to improve control over cooling, polishing and thickness of the finished product because of individual roll control. Each roll on the system has individual pumps, heat transfer units, electric motors and compressed air control, which improves consistency and product quality. Solarium de Paris is also pleased with the consistent throughput rates and operator safety benefits such as the straightforward roll change mechanism and hands-free roll gap and load control system.

"The new roll stand is a critical piece of machinery because it gives us a high quality finished product at the right price," said Hébert. "Davis-Standard took great care in designing this new model and making sure it

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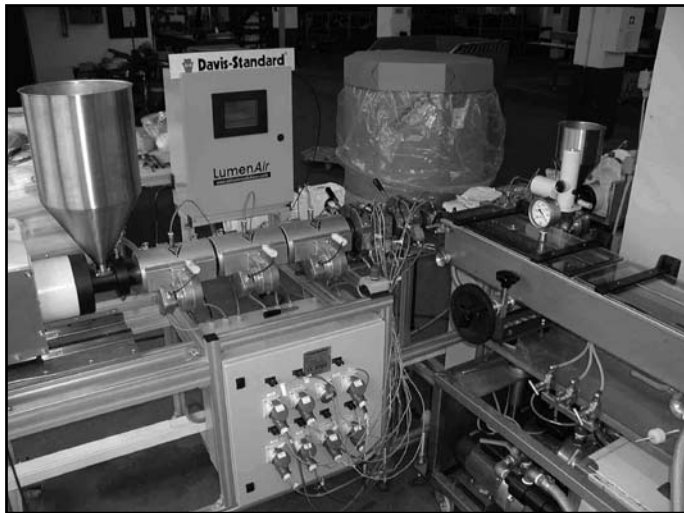
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**D-S Davis-Standard®**

# Davis-Standard Sells Medical Tubing Systems in Saudi Arabia

**D**avis-Standard GmbH in Erkrath, Germany, recently sold two medical tubing systems to a customer in Saudi Arabia. The systems included an FEP/PUR single lumen line and an F-PVC bubble tube/PUR multi-lumen line. Davis-Standard supplied all equipment including extruders, melt pumps, tooling, calibrators, pullers, cutters, winders and line controls. The systems will be used to manufacture a variety of specialty medical tubing supplies including bump tubing for liquid drains, PU medical tubing with encapsulated X-ray stripes, epidural tubing, multi-lumen catheter tubing, endotracheal and tracheotomy tubing.

Advantages of both systems include a compact design, direct drive extruders, quick release gear pumps and Hastalloy steel construction for FEP materials. The downstream equipment is medical grade stainless steel construction. The die on the multi-lumen line is complex with an internal



Advantages of this medical tubing system include a compact design, direct drive extruders and quick release gear pumps.

micro air supply to prevent individual lumens from collapsing. The winders operate with an ultrasonic dancer for efficient coiling. In addition, the control systems include laser measured diameter controls and micro air controls to ensure product quality and consistency.

Davis-Standard's presence in the Middle East continues to grow as the company has also done business in Kuwait, Lebanon and Libya.

For more information, contact Gerhard Folie at [gerhard.folie@davis-standard.de](mailto:gerhard.folie@davis-standard.de) or by telephone at +49-211-2404-313.

# Top Level Promotions

**D**avis-Standard, LLC recently announced several top level promotions.

**Jim Murphy** has been promoted to President of Davis-Standard, LLC Extrusion Systems. In this capacity, Mr. Murphy will continue to be responsible for all Extrusion Systems' marketing, sales and technology functions. He will also lead efforts to aggressively pursue new market opportunities that will drive improved sales and earnings.



Jim Murphy

**Mark Panozzo** has been promoted to President of Converting Systems. He will assume leadership responsibility for all Converting Systems brands including Black Clawson Converting Machinery, Egan and ER-WE-PA.



Mark Panozzo

**Hassan Helmy** will continue in his role as Executive Vice President responsible for marketing, sales and technology functions for Converting Systems. He will also continue as a managing director for Davis-Standard GmbH.



Hassan Helmy

**Ernie Plasse** has been promoted to Executive Vice President of Extrusion Systems. Mr. Plasse will maintain responsibility for all Extrusion Systems' manufacturing, engineering and service functions, and will continue to lead the company's "GROW" initiative to improve cycle times and overall effectiveness.



Ernie Plasse

**Rick Keller** has been promoted to Vice President of Sales for Converting Systems. He will be responsible for sales in North, Central and South America, as well as for the sales of blown film products globally.



Rick Keller

**Robert Armstrong** has been promoted to Vice President and Chief Financial Officer for Davis-Standard, LLC. In this role, he will be responsible for managing and controlling overall corporate risk and providing accurate, timely, relevant and transparent information to various stakeholders. In addition, he will play a major role in building and executing the corporate strategy, confirming that revenues and margins continuously improve while costs are tightly controlled.



Robert Armstrong

# New Black Magic S4 Winder for High-Speed Stretch Wrap Production

**T**he Converting Systems Group of Davis-Standard, LLC recently introduced a new high-speed winder for the global stretch film market, the **Black Magic S4-2CS 3000 BTL** or **BMW S4**. The BMW S4 is engineered to improve efficiencies for hand wrap and stretch film production with features such as an integrated automatic core and roll handling system, and capabilities for producing six-up rolls on a 25-second cycle time, roll change to roll change. Based on upstream capabilities and 80 percent line uptime, this winder can produce up to 2,700 roll sets or 16,588 rolls per day. In addition, the BMW S4 can reduce the cost of offline equipment and labor with configurations that eliminate bleed trim and automation that can be customized to meet production requirements.

This winder is the latest innovation within the Black Magic product line. It is designed as a four spindle surface/center winder ("S4")

with two center core shaft supports ("2CS") for three-meter (10-foot) net width films ("3000"). This arrangement in conjunction with continuous, dual-surface-driven lay-on rolls enables production of "flat-tail" film rolls. Flat-tail rolls are wound from the top side of the web (the side against the chill roll) into the roll to produce inline-slit films that are virtually scrap-free from the core to the last wrap for both hand and machine wrap stretch films. Six individual BTL (Bleed-Trim-Less) web steering assemblies, one per lane, enable inline slitting with core extensions without the need to pull bleed trims. With a simple changeover, the BMW S4 can run either 2-inch or 3-inch (50 or 75mm) cores. The winder is complete with a tape-less automatic roll transfer system, AC vector digital drive system and PLC Controls.

For more information about the new BMW S4, contact Dan Hould with the Converting Systems Group at [hould@bc-egan.com](mailto:hould@bc-egan.com).

# Polyhose Purchases Additional Davis-Standard Extruders

Polyhose India Pvt. Ltd. recently purchased three 2 1/2-inch (65mm) Euro Blue extruders and one 90mm rubber extruder from Davis-Standard, LLC to support its growing hose manufacturing operation. Polyhose, based in Chennai, India, will use the machines to support additional capacity at its two newly completed factories, one for plastic hose and one for rubber hose. The company manufactures in excess of 12 million meters (39.4 million feet) of thermoplastic, industrial and PVC hose annually. This includes hydraulic hose, airless paint spray hose, high pressure jack hose, fire reel hose, spiral thermoplastic hose, polyurethane hose, PTFE hose and others.

Polyhose presently makes all of its plastic hoses including those with nylon, PP, PUR and PTFE on a 2 1/2-inch (65mm) Davis-Standard Mark extrusion system with a 30mm co-extruder. The new Euro Blue extruders will be used for manufacturing F-PVC garden hose. The company's current rubber plant operates 120mm and 90mm Davis-Standard rubber extruders with venting capabilities for processing hydraulic pressure rubber hose. The new 90mm rubber extruder will help augment this operation, including the production of higher I.D. hose and spiral hose beginning this year.



Polyhose has one of the most modern manufacturing facilities in Southeast Asia. Pictured is the company's existing Davis-Standard extrusion line.

The company has one of the most modern manufacturing facilities in all of Southeast Asia, and one of most developed networks of dealers and OEM assemblers. Polyhose products are sold throughout Europe, Asia and North America.

For more information about Polyhose, visit [www.polyhose.com](http://www.polyhose.com). For more information about Davis-Standard's extrusion sales and service in India, contact Gerhard Folie at [gerhard.folie@davis-standard.de](mailto:gerhard.folie@davis-standard.de).

## Fibermaster® II Specialized for Nonwovens Industry

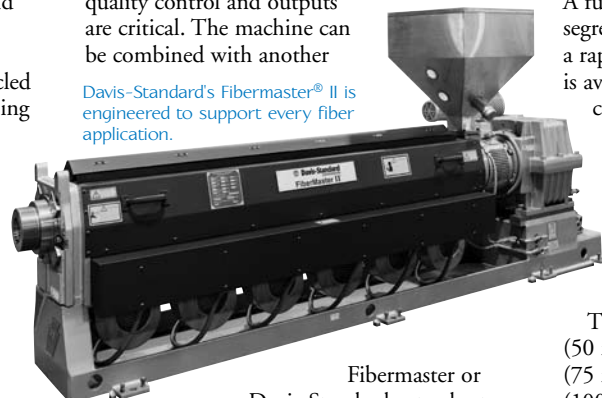
To address the evolving demands of the nonwovens industry, Davis-Standard, LLC has engineered the Fibermaster® II extruder to support every fiber application. The Fibermaster, built for durability and operating efficiency, is designed specifically for monofilament, multifilament, spunbond and meltblown processes. Key advantages include the capacity to process a variety of resins including materials with a high recycled content and machine versatility for processing complex bi-component structures. Fibermaster extruders have a solid track record among industry-leading OEM's for support of applications within the hygienic, medical disposable, hazardous materials, filtration, staple fiber, carpet and furniture markets. The Fibermaster has also been effective in laboratory and university/college environments for research and development.

"This extruder is unique in that it offers dedicated technology for the fiber industry. It is not an off-the-shelf machine," said John Plante, product manager of Davis-Standard's fiber systems. "The Fibermaster is a premium extruder package that combines efficiency with performance to reduce operating costs and provide a long-term return on investment. This is especially important as producers look to reduce material costs. The Fibermaster is

equipped to effectively process just about any material, and Davis-Standard extruders are known to last up to 40 years or more."

The Fibermaster is especially advantageous for bi-component structures, in-line alloying/blending or color applications where quality control and outputs are critical. The machine can be combined with another

Davis-Standard's Fibermaster® II is engineered to support every fiber application.



Fibermaster or Davis-Standard extruder to achieve "A" and "B" output ratios ranging from 80/20 to 50/50 to 20/80. Davis-Standard solutions enable multiple polymers to be processed using the same extruder and feedscrew to avoid unnecessary screw changes, and screws can be designed to be interchangeable from the "A" to the "B" extruder. Davis-Standard's extensive feedscrew technology covers the full range of polymers

including PA 6, PA 66, PET, PP, PE, CO-PET, PPS, TPU and recycled resins, among others.

Superior energy efficiency is achieved component by component. The Fibermaster's thermal expansion helical gear cases have a mechanical efficiency of 95 percent or better. A fully cored feed throat enables process heat segregation, and highly efficient heaters ensure a rapid set point time. In addition, the extruder is available with zone cooling blowers or water cooling capabilities. The air-cooled machines are equipped with high volume blowers for effective heat removal. Water-cooled machines are available for applications requiring higher heat removal efficiency. Both feature a wide selection of gearbox ratios to maximize kilowatt per kilogram per hour (kw/kg/hr) value.

The Fibermaster is available in 2-inch (50 mm), 2 1/2-inch (65 mm), 3-inch (75 mm), 3 1/2-inch (90 mm), 4-inch (100 mm), 4 1/2-inch (130mm) and 6-inch (150 mm) models with L/D's from 24:1 to 34:1. The extruder and feedscrews can be engineered to meet specific process specifications. The Fibermaster is also designed to be compatible with systems offered by most major fiber equipment suppliers.

For more information about the Fibermaster, contact John Plante at [jplante@davis-standard.com](mailto:jplante@davis-standard.com).

# Consultant's Corner



## Determining Lubricant Compatibility

By John Radovich  
Director - Extruder Technology  
Davis-Standard Extrusion Systems

Understanding lubricant compatibility to AGMA grade 4 lubricants requires a basic understanding of the lubricant properties described in the product specifications. Following are some things to consider when selecting lubricants.

### Oil Description

A lubricant specification sheet will generally begin with a description of the product and its intended applications. The product may be described as a circulating oil, hydraulic oil, gear oil, or specialty product such as way oil, etc. Circulating oils generally have additives to prevent rust on the parts they contact (rust inhibitors) and slow the process of thermal breakdown (oxidation inhibitors). In addition to these additives, hydraulic oils will have anti-wear additives to protect pump parts and gear oils will have extreme pressure additives to protect sliding steel surfaces. It is important to note that broad classifications do not mean these lubricants cannot be used in other applications. Using circulating oils or

hydraulic oils in gear reducers is fine.

The product description should also describe the base stock for the lubricant. Compatibility is really crucial here. The most common industrial lubricants are made from petroleum-based, paraffinic oil. Petroleum-based, naphthenic oils are generally reserved for process oils or other specialty oils. Petroleum-based paraffinic and naphthenic oils are compatible. Synthetic oils made from synthesized hydrocarbons (SHC) or polyalpha olefins (PAO) are also compatible with petroleum-based oils and will react with seals, gaskets and paint the same way. Lubricants made from polyglycol are **not** compatible with petroleum based oils and may cause swelling of elastomer seals and softening of some paints. Even when oils are compatible, the mixing of dissimilar base oils should be avoided. When changing from one type of oil to another, you want to ensure that small amounts of the original oil will not create problems with the new oil.

### Oil Viscosity

The most important property of a lubricant is the viscosity at a specific temperature. The viscosity is a measure of the resistance of the fluid to flow. Lubricants with a high viscosity flow like honey and low viscosity like water. Viscosity is specified in Saybolt Universal Seconds (SUS) or centistokes (cSt) at a specific temperature, usually 100 degrees Fahrenheit (40 C) or 210 degrees Fahrenheit (100 C). A viscosity grade such as SAE 30, ISO 150, or AGMA 4 indicates an allowable viscosity range. The allowable range for an AGMA 4 lubricant is 135 to 165 cSt at 100 degrees Fahrenheit (40 C).

The viscosity index (VI) is an indicator of how the viscosity changes with temperature. This is important if the equipment being lubricated operates over a wide temperature range. Most quality petroleum-based industrial lubricants will have a VI of 95 with some synthetic lubricants having a VI of 150 or higher. The significance of the VI can be seen by comparing two oils. Oil with a viscosity of 145 cSt at 100 degrees Fahrenheit (40 C) and a VI of 95 will have a viscosity of 13 cSt at 210 degrees Fahrenheit (100 C). Oil with the same viscosity of 145 cSt at 100 degrees Fahrenheit (40 C) and a VI of 150

will have a viscosity of 19 cSt at 210 degrees Fahrenheit (100 C) or a viscosity of 13 cSt at 240 degrees Fahrenheit (115 C).

### Pour Point and Flash Point

Additionally, lubricant specification sheets will indicate the lubricant's pour point. This is only a concern for lubricants that are used or stored in cold areas. The pour point is the temperature at which the paraffin begins to solidify causing the lubricant to glop rather than flow smoothly. For many industrial lubricants, the pour point is around 0 degrees Fahrenheit. Another item indicated is the flash point. This is the temperature the lubricant must be raised to for it to ignite briefly when exposed to a spark and self extinguish. It is good practice to select lubricants with flash points of 50 degrees Fahrenheit (28 C) higher than the maximum operating temperature of the lubricant. Many industrial lubricants have flash points around 400 degrees Fahrenheit (200 C).

### Lubricant Equivalency

For a lubricant to be equivalent to an AGMA 4, it must have a viscosity of 135 to 165 cSt at 100 degrees Fahrenheit (40 C), a viscosity index of 90 minimum, a pour point 9 degrees Fahrenheit (5 C) lower than the minimum expected ambient starting temperature, and a flash point 50 degrees Fahrenheit (28 C) higher than the maximum expected operating temperature. The lubricant must contain a rust inhibitor and an oxidation inhibitor but should not contain any extreme pressure additives. Lubricants with extreme pressure additives have a different designation, i.e. AGMA 4EP. Always check the reducer lubrication tag for the correct type and grade of lubricant. The table below provides some typical examples of specified lubricants for Davis-Standard extruder reducers. Any questions concerning the suitability of a lubricant for use on Davis-Standard equipment should be referred to the Davis-Standard Technical Center at (860) 599-1010.

Reducer Model	Lubricant Grade
200 thru 600	AGMA 4 (ISO VG 150)
H or HM	AGMA 5 (ISO VG 220)
80R or 800	AGMA 5 (ISO VG 220)
GC	AGMA 5 (ISO VG 220)
SRV or DRV	AGMA 6 (ISO VG 320)

## Davis-Standard, LLC to Host Basic Extrusion Seminar

Davis-Standard, LLC will host a workshop on "The Basics of Plastics Extrusion" on October 24 - 25 at its headquarters in Pawcatuck, Connecticut. The two-day class will cover the fundamentals of plastics extrusion as well as the composition and properties of various polymers and the mechanics of essential downstream processes.

Topics include extruder components, temperature control, maintenance and screw design.

In addition to instruction, course participants will tour Davis-Standard's laboratory and manufacturing facilities and will have access to polymer process engineers and technical specialists. The fee is \$750 per person with a

10 percent discount given for groups of three or more. Course books and materials are included, and class size is limited to promote student and teacher interaction.

For enrollment or more information about Davis-Standard's seminars and on-site extrusion training, contact Wendy Smith at (860) 599-6119 or at [wsmith@davis-standard.com](mailto:wsmith@davis-standard.com).

# D-S, LLC Improves Availability of Auto Die Control

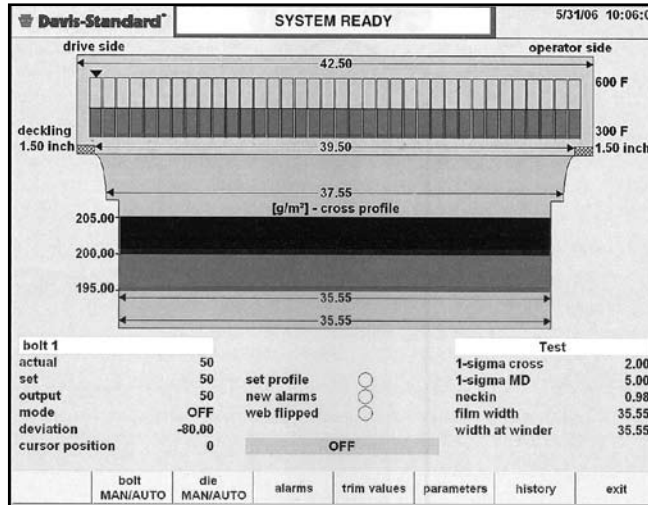
The Converting Systems Group of Davis-Standard, LLC recently improved the availability of its automatic die control system by creating a North American version of the technology, which is supported by the company's facilities in New York and New Jersey. Previously, the auto die control was only available through Davis-Standard's facility in Erkrath, Germany and configured for the European marketplace. The availability of the system in the United States and Europe will strengthen service and support for converting customers worldwide.

"We already have several customers in the United States using the German-based version of the auto die system," explained Tarek Adly, product manager of drives and controls for the Converting Systems Group. "By creating a North American version and offering it through our facilities in the United States, we hope to make it more accessible to more of our customers."

The automatic die, engineered for extrusion coating, laminating and cast film processes, provides precise control of the melt curtain to

improve film quality, accuracy and efficiency. This ensures a better film product while helping to reduce production costs. Advantages include a graphic based interface; recipe management; automatic switch-over; automatic suppression of defective profiles after a roll change at unwind or by alteration of the line speed; and set profile functions for special applications. The system is equipped with handling features for die bolts underneath the decking and in the trim area as well as manual control of single die bolts when the die is in automatic mode. Converters also have the option to automatically switch the die bolt into power mode in case of sensor failure. The automatic die control system is designed to work with the Integrator PRO and the Integrator C. The Integrator C is the replacement for the CMR.

For more information about the automatic die control, contact Tarek Adly at [adlyt@bc-egan.com](mailto:adlyt@bc-egan.com).



The automatic die system offered by the Converting Systems Group is now more readily available to North American customers.

# New HPE Extruder Excels in Size, Performance and Delivery

The new HPE (high performance) extruder line from Davis-Standard, LLC exemplifies processor demands with a small footprint, performance features and a fast delivery for coextrusion and multi-layer applications. Introduced in March as a replacement for the D-S H and D-S A series extruders, the HPE is available in an adjustable vertical or horizontal configuration in sizes ranging from 3/4-inch (19mm) to 1 3/4 inches (44mm). This extruder model utilizes a direct drive motor versus belts and sheaves for improved operation, and is built on a smaller footprint than previous designs to enable close proximity to the common die.

Another advantage of the HPE is the fast delivery. In stock extruders can be delivered in one to two weeks from order placement. For all non-stock machines, the delivery target is three to four weeks. Davis-Standard utilizes common



Davis-Standard's new HPE extruder is available in an adjustable vertical or horizontal configuration and can be delivered as quickly as one to two weeks from the order date.

components such as gearcases, feedsections and barrels on both the horizontal and adjustable models. The HPE has been well received by processors as Davis-Standard has already sold several machines in various sizes.

For more information, contact Wendell Whipple at [wwhipple@davis-standard.com](mailto:wwhipple@davis-standard.com).

## Solarium *continued from page 1*

was suitable for our applications. Even after we purchased and installed the line, they were willing to make adjustments to ensure we have crystal clear PVC film. Davis-Standard is very proactive toward finding solutions, and they stick to what they say and advertise."

Solarium de Paris is the only firm in the world to offer fully patented sunroom products built with aluminum structures, tinted flexible PVC sheet windows, and accessories made with rigid PVC, flexible PVC, or a coextruded combination of rigid and flexible PVC. The company markets its products to a range of customers through corporate stores and manufacturing facilities, partnerships or individually owned, with a protected sales territory in Canada, the United States and France. According to Hébert, "We set ourselves apart by offering a unique product that is affordable and durable for both homeowners and businesses. We sell a dream that is reachable for everyone."

For more information on Solarium de Paris, visit [www.solarium-de-paris.com](http://www.solarium-de-paris.com) or contact either Jean St-Amour, president, at [jstamour@solariumdeparis.ca](mailto:jstamour@solariumdeparis.ca), or Jacques Hébert at [jhebert@solariumdeparis.ca](mailto:jhebert@solariumdeparis.ca). For more information about Davis-Standard's sheet capabilities and the XP Express, contact Al Chrisbacher at [achrisbacher@davis-standard.com](mailto:achrisbacher@davis-standard.com).

# Davis-Standard, LLC Adds Value with After-Sale Services

Davis-Standard, LLC is proud to offer one of the most complete menus of after-sale services for both extrusion and converting equipment. The aftermarket and technical departments of Davis-Standard's Extrusion Systems Group and the "Advance" program of the Converting Systems Group aim to provide customers with cost-effective options for increasing productivity, reducing waste, improving product quality and adding new capabilities. This includes equipment upgrades, replacement parts, field service, custom engineering, research and technical capabilities, and a 24/7 hotline in North America. Following is a summary of services.

## Equipment Upgrades

Upgrades are available for all Davis-Standard, LLC equipment brands, including equipment from other vendors. The Extrusion Systems Group offers modernization packages that include feedscrew rebuilding and replacement, gearcase retrofits, process control upgrades, L/D conversions, extruder upgrades, air-to-water conversion packages, system overhauls and custom engineering. The Converting Systems Group provides replacements/upgrades for old or obsolete controls and drive systems, new equipment to improve productivity, and custom and confidential modifications for new process and product requirements.

## Replacement Parts

Davis-Standard offers timely spare parts replacement at competitive prices. Both Extrusion and Converting Systems offer replacement parts backed by a warranty as well as a 24-hour, seven day a week emergency breakdown service. The company maintains an in-stock program for key extruder components including barrels, panels, heaters, bearings and gears for immediate delivery. In-stock parts can be shipped within one day. As an added convenience for frequently ordered parts, major credit cards are accepted for telephone, fax and e-mail orders. Converting Systems

offers replacement parts for the Black Clawson Converting Machinery, Egan and ER-WE-PA product lines as well as SANO blown film equipment.

## Field Service

Extrusion and converting customers can take advantage of around-the-clock emergency breakdown service and troubleshooting. This includes preventative maintenance programs, machine audits and evaluation, operator and maintenance training, equipment installation and relocation. Installation packages include installation engineering, material purchasing, field labor, material and tools, system assembly and start-up assistance. Equipment relocation packages are also available.

## Custom Engineering

Custom engineering services identify equipment and process related issues that impede productivity and product quality. On the extrusion side this includes custom extruder and equipment options for pipe, profile and tubing, laboratory, wire and cable, sheet and foam, reclaim and elastomer processes. On the converting side this includes customization for winding and slitting, coating, extrusion, pelletizing and systems integration.

## Research and Technical Centers

Extrusion and converting customers can test new processes, develop new materials and produce material for field testing and market introductions on a pilot or laboratory line. Davis-Standard has R&D centers in Fulton, New York; Somerville, New Jersey; Pawcatuck, Connecticut; and Erkrath, Germany. Competitive facility rates are supported by a staff of experienced engineers and equipment operators. Processes supported by these facilities include liquid coating, extrusion coating/laminating, blown/cast film, underwater/water ring pelletizing and compounding, sheet, wire and cable, pipe, profile and tubing, foam extrusion, reclaim and elastomer processes.

## 24/7 Customer Service

Service technicians are available 24 hours a day, seven days a week to handle parts inquiries and emergency service needs. On-site service by a technician is also available. Customer service numbers for North America are (800) 480-8105 (Extrusion Systems) and (800) 338-3660 (Converting Systems).

For more information, visit [www.davis-standard.com](http://www.davis-standard.com) (Extrusion Systems) and [www.bc-egan.com](http://www.bc-egan.com) (Converting Systems).

## NPE *continued from page 1*

and our new technology, while meeting with many existing and new customers. There was a lot of energy at the show and we appreciate all of our customers who stopped by to see us."

According to an NPE press release, this year's show attracted a total of 64,451 registrations and set a new record for international participation. The total registration figure (includes exhibitor registrations) was two percent higher than 2003, with the number of visitor registrations up by nine percent. Even more impressive was the total of international visitor registrations, up 33 percent from NPE 2003. International registrations represented 126 countries with Canada leading the way, followed by visitors from Mexico and China.

For more information about NPE 2006 results, visit [www.npe.org](http://www.npe.org).



## Keystone Review Available via E-mail in 2007

Interested in receiving your issue of the *Keystone Review* newsletter via e-mail? Beginning in 2007, customers will have this fast and convenient option. Please let us know if you would like to be added to the newsletter e-mail list by notifying Wendy Smith at [wsmith@davis-standard.com](mailto:wsmith@davis-standard.com) as soon as possible. Wendy will need your name, company name and e-mail address. If you prefer a hard copy version of the newsletter, no action is required.

**Please Note:** Customers selecting e-mail will not receive the quarterly calendars.

*We look forward to sharing more exciting customer and product news in 2007!*

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