Heavy-duty Moyno Power Seals designed for tough jobs

Moyno, Inc., Springfield, OH, says a heavy-duty mechanical seal is imperative for high performance and long pump life in dealing with high viscosity fluids and solids-laden slurries. In difficult situations, the Moyno® Power Seal™, a key aspect of the Moyno PowerFlow™ pump, is the ideal solution, the company says. This versatile seal handles operating conditions with temperatures up to 350°F and pressures up to 200 psi with optional offerings that can handle temperatures up to 500°F and pressures up to 300 psi.

Moyno Inc., www.moyno.com

FastInfo #234

MIDAC Titan-OL analyzes gases in real time

MIDAC, Costa Mesa, CA, says its Titan-OL systems are designed to provide real-time, multi-component extractive gas-phase analysis in on-line and continuous multi-point applications. Titan-OL systems include a rugged industrial FTIR spectrometer system, gas cell(s), sample manifold, valve control electronics and software. Hardware is enclosed in appropriately rated NEMA enclosures, (up to and including Class 1, Div 1) or in a standard industrial rack mount cabinet. MIDAC’s exclusive fiber optic distribution electronics provide a single hub for temperature, pressure, mass flow, external alarm and optical switching signals and can accommodate up to four 12 port manifolds for a total of 48 sample, purge and calibration lines. Communication between the hub and control computer is over fast, stable fiber optic cable.

MIDAC’s new dual ADC architecture and advanced mirror drive control provide increased sensitivity and very low detection levels for a variety of compounds. The custom gas cells are corrosion-resistant and available in path lengths from 1 cm to 30 meters. Systems can operate at temperatures from ambient to 240°C, allowing moist sample streams to be analyzed without condensation. Titan-OL systems are fully automated with MIDAC’s AutoQuant Pro™ software package including method calibration, data collection, trend analysis charts, manifold control and integration of alarm and control functions with plant process hardware and software.

MIDAC Corp., www.midac.com

FastInfo #235
Schneider Electric launches high performance, compact timers

Toronto, Ontario-based Schneider Electric says its new Telemecanique Zelio Time high-performance electronic timers are designed for all hardwired, logic, automated systems complementing PLCs. Wiring and timing diagrams are on the relay side for ease of installation. The timers are suited for pulp/paper and water/wastewater, conveying, packaging, sawmill and similar applications.

The ergonomic, configurable timers are available in three versions: the modular RE11, the industrial RE7 and the panel-mounted RE48. Three sizes are also available: 17.5 mm wide; 22.5 mm wide; 48 mm wide.

The RE11 (17.5-mm version) times between 0.1 seconds and 100 hours. It features single or multifunction ranges, and relay or solid-state output. It is available with a screw or spring connection.

Fitted with seven time-delay choices and LED time-delay indicators, the RE7 (22.5-mm version) times from 0.02 seconds to 300 hours. It is suited for applications requiring frequent cycle-time adjustment or setting. The multifunction, multi-voltage (24 - 240 VAC/DC) timer has two 8-A outputs (the second of which is instantaneous or time delay). A sealable plastic cover protects the settings on the RE11 and RE7 timers. They mount on DIN rail or with a screw without an adapter plate.

Specifically designed for integration into machines and equipment, the RE48 (48-mm version) times from 0.02 seconds to 300 hours. It can be externally controlled for start, partial stop and adjustment of time delay. This multi-voltage (from 24 to 240 VAC/DC) timer has two SCR outputs (the second of which is instantaneous or time delay).

The RE11 and RE7 timers are UL, CSA and GL certified.

Schneider Electric, www.schneider-electric.ca

Spraying Systems auto brush shower cleans nozzles

Spraying Systems Co., Wheaton, IL, says its Automatic Brush Shower eliminates downtime for cleaning clogged nozzles in shower headers. At the push of a button, an internal rotating brush assembly scrubs the interior wall of the shower as well as each disc-type shower nozzle orifice. Debris is swept away through the flush-out valve in seconds, says the company, restoring full liquid flow to the system without contaminating the sprayed surface.

There is no need to stop the system. The brushes operate without disruption to normal processes. An optional timer is available for completely automated cleaning.

In addition, a retrofit motor and control unit kit is available for manual handwheel brush showers. The retrofit kit also allows activation of the shower cleaning cycle at the push of a button, and gives the option of a timing control for complete automation of the cleaning process. Simply remove the handwheel from the existing brush shower and install the Smart Motor. Easy to install, the retrofit eliminates the need to have workers climbing machines to rotate the handwheels. It is ideal for mills with a low personnel count, says the company.

Spraying Systems Co., www.spray.com

WSM Wood & Bark Waste Processing

Fuel Processing • Bark/Mulch • Recycling Systems

Screening

The most extensive line of screening equipment – Disc Screens, Oscillating Screens, Vibrating Screens, & Trommel Screens. Bark, chips, sawdust, compost, hogged wood – we’ve got the right tool for the job.

Hogging

WSM offers the most complete line of hogging equipment available. Vertical and Horizontal Hogs, High Inertia Hogs, Shredders, Hammermills, Board Breakers, and Chippers.

Recycling

Our new Brute sets the standard in portable recycling systems. Our stationary recycling systems for processing log yard debris, pallets, urban wood waste, & green waste have been proving themselves for years.

The Broadest Range of Processing Machinery & Recycling Systems

Call (800) 722-3530 or westsalem.com
email sales@westsalem.com (503) 364-2213 Fax (503) 364-1398
P.O. Box 5288 Salem, OR USA 97304
Lovejoy workhorse jaw coupling takes reliable history into modern facilities

Downers Grove, IL-based Lovejoy, Inc., points out that as industries modernize their facilities and equipment to maintain a competitive edge, some standard parts still set the standards for reliability and performance, an example being the Lovejoy jaw-style coupling which traces its inception back more than 100 years.

Lovejoy says its jaw-style coupling remains an essential component for literally tens of thousands of factories, pumping stations, offices and construction sites. Nothing else provides the jaw coupling’s reliable service for light, medium or heavy-duty electrical motors and internal combustion power transmission applications.

The Lovejoy jaw couplings offer industries the largest variety of stock bore/keydown combinations available, totaling over $50,000 possible configurations. The Lovejoy jaw coupling needs no lubrication.

Customization also plays a role. Each jaw coupling can be bored to order and shipped the same day or the next, via UPS, for fast delivery and service.

Lovejoy jaw couplings have a fail-safe design which means that, even if the elastomer fails, the coupling still performs because there is no metal-to-metal contact.

Lovejoy’s full line catalogue has specifications and styles of jaw couplings available, and provides torque ratings, bore/keyway charts, as well as selection assistance. Lovejoy, Inc., www.lovejoy-inc.com.

Kruger wins

Continued from page 1

machines. Gannett Co. Inc. publishes 90 daily newspapers and 1,000 other non-daily publications, Gannett is the largest newspaper publisher in the US.

Said Lincoln Simpson, Kruger’s vice-president of sales & marketing, publication papers sales, “We extend our thanks and congratulations to all employees at the Trois-Rivieres mill in Quebec, at Corner Brook Pulp and Paper in Newfoundland and Labrador, and at the Bromptonville mill (Sherbrooke) in Quebec, and to all personnel in our sales offices whose exemplary dedication is evident in their work and is a credit to the Kruger organization.” www.kruger.com.

Jeffrey Chip-sizer Rechipper

New Technology Worth Sizing Up

With its rugged no-knives technology and typical recovery rates of 85 to 92 percent, the new Jeffrey Chip-sizer rechipper can improve the quality of your fiber while it reduces your chip production costs.

- Proven in over 100 installations
- Reduces load on primary chipper
- Low initial cost
- Extremely low levels of pins and fines
- Simple installation
- Very low maintenance

Call your Jeffrey representative today for a free evaluation.

Solve brake problems with 100% Kevlar® linings

Our brake pads with new 100% Kevlar® fibered composite friction lining last 3 to 5 times longer!

Our pads last 3 to 5 times longer than graphitic pads on winders, slitters, cranes, reels, brakes/clutch drivers and other applications. They eliminate the damaging, dirty black dust generated by graphitic pads and are asbestos free.

Our pads are nonabrasive and won’t wear down metal rotors and drums. Even copper drums last longer!

They provide higher torque at lower air pressure. Performance proven by more than 2,500 paper mills, converters and corrugators. 100% guaranteed!

We stock replacement pads for most OEM brakes, relines, used parts or fabricate to order

For more information, call Nick Bade at 216-486-2000

Tribco Inc.

1700 London Road
Cleveland OH 44112 U.S.A.
www.tribco.com nb@tribco.com
Save Millions on Piping, Flow Control, Cleaning and Energy Costs

Many mills spend $millions on installing correct piping and tube bundles for optimum flow control. Yet many of the same mills loose millions in production due to low flow; extra energy costs due to higher pumping costs; and lost heat transfer due to inept chemical and/or water blaster pipe and tube cleaning systems.

Aqua Drill International (ADI) has developed and used an extremely safe and effective cleaning process that can achieve 100% removal of material build up - even into the pores of the metal. ADI has a fast and effective way to clean tubes as small as 3/8” I.D. and pipe from 3/4” I.D. to 60” making a 90 degree turns after 3” I.D. The system is capable of making mutable 90, 45 and 180 degree turns along with long runs reducing the amount of openings needed to clean piping systems which also results in greatly reduced costs.

Customer comments include:

- From a papermill in Georgia: “We’re doing well on line. Getting 800-900 GPM flow at will where we were only getting 400”. 
- From a paper mill in Pennsylvania “supervision is very pleased with the results from line cleaning...We feel the line is probably cleaner than it would have been if we would have had acid cleaned.”
- From a major refinery in Louisiana: “I did not believe there would be any difference between you and any other hydro blaster until I saw the results of your process. That is the hardest thing you will have to convince your customers of.”
- From a paper mill in Washington: “Aqua Drill was clearly one of the best success stories of our entire annual shutdown — and I would like to extend our thanks and gratitude for cleaning piping that would have cost up to ten times what it cost for your system to clean. No other hydro blast company we have seen has come remotely close to your process with respect to safety, productivity and effectiveness.”

ADI has cleaned everything from fiberglass to steel and concrete lines. Plus we have removed build-up on green, black and white liquor pipes, calcium carbonate, process sewer build up and more from a wide variety of pipe and tubing systems.

Safety is also an issue and ADI has the safest system available today. There need be no one at the entry point when we are running and there are no chemicals to take care of from “cradle to grave”.

Our lines are over 1,000 ft. long and we were fearful of plugging the lines. They showed in work in other industries they can clean rock-like bauxite buildup out of lines and another specialty is cleaning new power boiler/turbine lines for assured clean line startups.

The mill chose them to clean our lines and started on the #2 Recovery Boiler set. The process was extremely successful. “Our lines are over 1,000 feet long and we were fearful of plugging the lines that had 1.5” of scale with effective line availability of 5%. After cleaning we had 8” lines that looked almost new. Restricted flows went from approximately 400 gallons to unrestricted flows of near 1,000 gpm on each line. Each line took about 45 hours to clean at a cost of approximately $50,000. The mill will save $350,000 per set over replacement.”

Aqua Drill International, djordan1@eatel.net 877-818-7032

CASE STUDY
Green Liquor Line Cleaning

Problem: Restricted flows to recovery boilers.

Options: Limited choices for line cleaning were acid cleaning, hydro blasting or replacing lines.

Solution: The mill contacted Euro Aqua Drill who have equipment that allows them to control feed rate and rotational rate of a 15,000 psi nozzle, effectively milling the interior of the line. They showed in work in other industries they can clean rock-like bauxite buildup out of lines and another specialty is cleaning new power boiler/turbine lines for assured clean line startups.

The mill chose them to clean our lines and started on the #2 Recovery Boiler set. The process was extremely successful. “Our lines are over 1,000 feet long and we were fearful of plugging the lines that had 1.5” of scale with effective line availability of 5%. After cleaning we had 8” lines that looked almost new. Restricted flows went from approximately 400 gallons to unrestricted flows of near 1,000 gpm on each line. Each line took about 45 hours to clean at a cost of approximately $50,000. The mill will save $350,000 per set over replacement.”

Aqua Drill International, djordan1@eatel.net 877-818-7032
In the Mills

The NewPage Corp. board of directors appointed its chairman Mark A. Suwyn as CEO, effective April 13, 2006. Suwyn had served as interim CEO since March 1 following the resignation of Peter H.oppel, Jr. The board also elected Richard D. “Rick” Willett, Jr. president and COO, as of the same date. Suwyn is CEO and chairman of both NewPage Corp. and NewPage Holding Corp. Three new directors were elected to the board: Gerald Porter “Liam” Strong, Robert M. Armstrong and David J. Prystash. Joseph F. Tat resigned from the NewPage board for personal reasons.

Koch Industries, Inc. announced Joseph W. Moeller as president and CEO Georgia-Pacific Corp. following the completion of Koch Forest Products, Inc.‘s $21-billion acquisition of G-P. Moeller was previously president and COO of Koch Industries where he has been for 40 years. Several new members of G-P’s new senior leadership team are from Koch and include (with titles and year joined or time served with Koch): Bill Caffey, executive vice-president — government and public affairs (1991); Bill Caffey, executive vice-president — operations and compliance (1973); Jim Hannan, executive vice-president — chief administrative officer (7 years); Julie Brehm, senior vice-president — human resources (1983). Brehm reports to Hannan. Tye Darland, senior vice-president — general counsel (1993); Phillip Ellender, senior vice-president — government and public affairs (9 years); Mark Luettner, senior vice-president — supply and trading, fiber and energy (16 years); David Park, senior vice-president — strategy and business development (1994).

Appleton appointed Kathy Bolhous as vice-president and general manager of its performance packaging business. It also promoted Angela Tyczkowski to vice-president, secretary and general counsel. Both reports to Mark Richards, Appleton’s CEO.

Bucbee Technologies Inc. appointed William M. Handel, formerly senior vice-president, human resources, as senior vice-president, lean enterprise with over-all responsibility for all human resources, customer service and information systems activities. Also:

Steven G. Dean was elected vice-president and controller; Terrence M. Reed was elected vice-president, human resources; Phillip C. Reese was elected vice-president, absorbtion fibers; Darrell D. Adams was elected vice-president, specialty fibers — North America and Asia; Dr. Horst Gottsche-Kuhn, formerly vice-president, cotton cellulose sales, is now vice-president, specialty fibers — Europe and South America.

The administrative council of the Integrated Center for Pulp and Paper (Centre intégré en pâtes et papiers — CIPP) named Patrice Mangin as the center’s new director-general. Mangin is a professor in the chemical engineering department of the University of Québec at Trois-Rivières (l’Université du Québec à Trois-Rivières — UQTR). The center is scheduled to open in September 2007.

Weyerhaeuser Company named Peter W. Sherland vice-president — procurement and transportation. He has served as vice-president — transportation and logistics since 2002 and assumes the additional responsibilities following the retirement of Robert W. Boyd, Jr., vice-president — procurement and supply management. Sherland stays chairman of Westwood Shipping. Weyerhaeuser directors elected Kenneth F. Khoury senior vice-president and general counsel effective April 3 to succeed Robert A. Dowley, who plans to retire in June. Khoury joins Weyerhaeuser from Georgia-Pacific Corp where he was vice-president and deputy general counsel. As well, Weyerhaeuser named Patricia M. Bedient as senior vice-president, finance and strategic planning. Previously, she was vice-president, strategic planning.

West Fraser Timber Co. Ltd. appointed Chris McIver as vice-president, lumber sales to succeed Ernie Thony who retired.

Prof. Gunnar Sveder will become president of STFI-Packforsk, Stockholm, Sweden, on July 1, 2006. Fraser Papers appointed Bill Manzer as senior vice-president of operations, Peter Gordon as senior vice-president finance and CFO, and Pierre McNeil as senior vice-president of human resources and the sawmilling group.

Longview Fibre Co. promoted Ivan A. Olson to vice-president, logistics. Terry L. Gould was appointed to the newly-created position of regional manager for paper sales for Longview. He is responsible for marketing Kraft papers in the midwestern and eastern US and based in Marietta, GA.

Robert W. Black joined Kimberly-Clark Corp. as chief strategy office representing to chairman and CEO Thomas J. Falk. In this newly created position, Black will lead the development, execution and monitoring of the company’s strategy and help to accelerate Kimberly-Clark’s initiatives to enhance global competitiveness.

Temple-Inland Inc. elected Morris Davis as its general counsel reporting to J. Bradford Johnston, chief administrative officer. Davis will begin employment with Temple-Inland in June 2006. He comes to Temple-Inland after 39 years with the law firm of McGinnis, Lochridge & Kilgore in Austin, TX, where he served seven years as managing partner. Temple-Inland also appointed Grant F. Adamson as chief governance officer and Troy L. Hester as corporate controller.

Forest Resources LLC which owns Stratc Hanna Paper and Boehmer Box through CANAMPAC ULC has appointed Guel Mourant as president of CANAMPAC, Mark Cairnes as president and COO of Boehmer Box and Bryan Best as senior vice-president and general manager of Stratc Hanna Paper.

Suppliers’ Moves

Greg Kriebel joined Fluid Dynamics, Inc. as eastern regional sales manager. He will promote the company’s product line and support the efforts of Fluid Dynamics’ independent manufacturer’s representatives and OEM accounts.

Jim Piggot has joined TietoEnator Majiq Inc. and TietoEnator Canada Inc. as sales manager, North America.

Lexair, Inc. hired John Jennings as national sales director, a new position within the valve division.

Diane Middleton was named president and CEO of Lorain, OH-based Harris Instrument Corp., manufacturer of SCAN-A-LINE™ sensor systems.

Morris Warino was appointed business development manager for Wall Colmonoy (WCC), Oklahoma City, which is part of the WCC Aeronautical and Aerospace Group.

Rene Degreve was named president and CEO for Solvay America, Inc., Houston, TX. He succeeds David Birney who retired in March. Degreve joined Solvay America’s parent company, Solvay SA, in Brussels, Belgium in 1966. Most recently he served in Brussels as director and member of the executive committee and general manager finance. He has been a member of the board of directors of Solvay America since 1998. Degreve will continue to serve as a member of the executive committee of Solvay SA.

Mark Checkley was appointed sales engineer for The Alloy Engineering Company. He will be responsible for sales of the company’s high-temperature and corrosion-resistant products in Michigan, Ohio and large parts of Indiana and West Virginia.

Pennsauken, NJ-based Marsden, Inc., manufacturer of gas infrared drying systems, named Gerard J. Lucidi president and CEO. He was previously the firm’s general manager. Company founder, Thomas M. Smith, became chairman.
**Events**

**October 2006**

**FastInfo #132**

**Easy Release & Roll Chrome Plating**

EASY RELEASE & ROLL CHROME PLATING

Easy Release is a Teflon® overchrome surface that provides the durability of chrome with the release of Teflon. Although there have been several composite coatings developed that can be applied on-site, Easy Release remains the superior coating for durability and wear life.

- **MP&P is North America’s largest chrome plating facility.**
- **Plating and finishing capabilities include dryer drums up to 38’ long and rolls up to 12’ in diameter.**
- **ISO Certified**

**MIRROR POLISHING & PLATING Co., Inc.**

Phone: (203) 574-5400 Fax: (203) 597-9448 E-mail: chromerolls@mpp.net

---

**FastInfo #132**

**WASTE STREAM DEWATERING**

A Vincent Model VP-12 screw press shown with belt press in the background, the cake from which is conveyed to the Vincent press.

VINCENT SCREW PRESS

- KNOTS AND SHIVES
- CLARIFIER UNDERFLOW
- BELT PRESS CAKE

www.vincentcorp.com

**FastInfo #133**

**Bale Wire Disposal Problems?**

- Safe Operation
- No Hand Feeding
- Low Speed
- Low Maintenance

The James BRINKLEY Company Bale Wire Coiler rolls cut wire from bales into handled coils, suitable for sale as scrap.

**BRINKLEY CORPORATION**

3327 NE 125th Street, Suite 104 Seattle, WA 98125


Call for FREE Video!

---

**July**


**Schedules available**

These non-profit organizations issue schedules outlining workshops, training courses, seminars and conferences. Contact the numbers shown for information.

- **TAPPI** (See box for contact numbers).
- **PAPTAC** (See box for contact numbers).
- **Society of Manufacturing Engineers, SME** Customer Service, 1-800-733-4763.
- **Dept. of Energy, Office of Industrial Technologies**, sponsored workshops on industrial energy strategies; Elliott Levine, 202-586-1476.
- **Rochester Institute of Technology Technical and Education Center of the Graphic Arts and Imaging**; 1-800-724-2536, ext. 32.
- **Graphic Arts Technical Foundation**; 1-800-662-3916.
- **American Institute of Chemical Engineers**; Scott Hamilton, 212-591-7660.

---

**September**

**12-15** PTS Symp., Chemical Technology of Papermaking, Munich, Germany. Contact Dr.-Ing. Reinhard Sangl, e-mail: r.sangl@pts.paper.de; [www.pts.paper.de](http://www.pts.paper.de).

**13-15** Int. Symp. – Challenges of Pulp and Papermaking Technology, Bratislava, Slovak Republic. Contact [www.challenge06.sk](http://www.challenge06.sk).

**20-22** PAPTAC Midwest Branch 60th Annual Meeting and Trade Show, Valhalla Inn, Thunder Bay, ON. Contact PAPTAC.


---

**Call for papers**

**May 7-9, 2007** – Int. Mechanical Pulping Conf., Marriott Hotel, Minneapolis, MN. Abstracts due by August 20, 2006 to impc@tappi.org.


---

**For TAPPI events, phone 1-800-332-8686 (USA); 1-800-446-9431 (Canada); 770-446—1400 (outside US or Canada); fax 770-446-6947 or 770-446-1400 ext. FAX; www.tappi.org. For Pulp and Paper Technical Association of Canada (PAPTAC) events, phone 514-392-0265; fax 514-392-0369; www.paptac.ca. For PIMA events, phone 1-847-375-6860; www.pimaweb.org.**
ADVERTISERS

ADVERTISER CHECK OUT THESE WEBSITES

PAPER INDUSTRY

www.southernenvironmental.com

www.tristarind.com

www.specrolls.com

www.rockwood.net
Don’t Poke Broke...

Convey Broke Away

Reduce Risk Of Back Injuries caused by manual broke handling
Reduce Clean Up Time & Labor
Easily Retrofitted To Existing Systems
Improves Plant Efficiency
Low Maintenance
Easy To Operate

Located under the winder section, a KEITH® WALKING FLOOR® conveyor automatically moves broke to the pit.

800 - 547 - 6161
www.keithwalkingfloor.com

KEITH Mfg. Co.
U.S. & World Headquarters
ph: (547) 475-3802
dx: (547) 475-2169
sales@keithwalkingfloor.com

CANADA
ph: (905) 514-4085
wiletcanada@ymail.com

MEXICO
ph: (52) (55) 5112 8000
kmc_mexico@keithwalkingfloor.com

AUSTRALIA
ph: 02 8328 6848
sales@keithwalkingfloor.com

THE NETHERLANDS
ph: +31 (0) 342 420007
cncnec@keithwalkingfloor.com

UNITED KINGDOM
ph: +44 (0) 1444 371395
cnec@keithwalkingfloor.com

SPAIN
ph: +34 (0) 973 772 778
cnscol@keithwalkingfloor.com

2006 KEITH Mfg. Co. KEITH and WALKING FLOOR are registered trademarks of KEITH Mfg. Co. Manufactured under license.