


2010 WJTA-IMCA Expo

August 17-19, 2010 • George R. Brown Convention Center Houston, Texas



- Hear innovative business ideas.
- Network with professionals from around the world.
- Learn tips and techniques to improve workforce productivity and strengthen your bottom line.
- See products and equipment from leading manufacturers and suppliers from around the world.

Details inside.

Dr. David A. Summers Named Curators' Professor Emeritus

Dr. David A. Summers was officially named Curators' Professor Emeritus of Mining Engineering at the Missouri University of Science and Technology (Missouri S & T) [formerly the University of Missouri-Rolla] during commencement ceremonies in May 2010.

Dr. Summers began his career as an apprentice in the British National Coal Board. He then went to the University of Leeds, where he earned a bachelor's degree and Ph.D. in mining engineering. Dr. Summers joined the staff of the Missouri S & T in 1968 as assistant professor of mining engineering and senior research investigator at the Rock Mechanics and Explosives Research Center (RMERC). He was subsequently appointed director of the RMERC. In 1980 Dr. Summers was appointed curators' professor and director of the Missouri S & T High Pressure Waterjet Laboratory. Dr. Summers retired as the director of the Rock Mechanics and Explosives Research Center in 2009.

Dr. Summers has more than 40 years of experience in the field of high pressure waterjet research. He helped found the WaterJet Technology Association (WJTA) in 1983, serving as vice president, president and chairman of the board of directors. In 1997 Dr. Summers was awarded the Pioneer Award, the highest recognition and honor presented by the WJTA in recognition of his significant contributions to the advancement, development, and application of waterjet technology. He was also awarded the only lifetime membership

to date upon his retirement from the board in 2009.

Dr. Summers is a leading advocate of safety in the use of waterjets and for several years served as chairman of the WJTA Safety Committee. Dr. Summers was instrumental in the development of the WJTA's *Recommended Practices for the Use of Manually Operated High Pressure Waterjetting Equipment*, and in 1993 he received the WJTA Safety Award in recognition of his efforts in this area. Dr. Summers

continues to contribute to the *Recommended Practices* and currently chairs a committee that is revising and updating the book.

Much of Dr. Summers' early work involved the use of high-pressure waterjets to cut and mine coal. This method of mining eliminates concerns

about sparks that can ignite dangerous concentrations of methane.

Dr. Summers' research team has developed methods of using high-pressure waterjets to mine coal, drill rock and remove a variety of military-related materials from surfaces and containers. A number of patents have been awarded as a result of this research. The use of waterjets to demine landmines earned a Missouri S&T team a Time Invention of the Year award in 2002.

Waterjet technology developed by Dr. Summers was used to cut the rock for two campus landmarks, Stonehenge and the Millennium Arch. A team of students and staff under Dr. Summers' direction also carved rock to open the space for the underground Omnimax Theater under the Arch in St. Louis.

Recently, Dr. Summers has explored ways to cultivate algae as a biofuel in underground mines. He authors blog posts on timely technical topics at The Oil Drum and Bit Tooth Energy. ■



David A. Summers, Ph.D.

Mark Your Calendar For The 2010 WJTA-IMCA Expo

WJTA and IMCA will host the inaugural **WJTA – IMCA Expo, August 17-19, 2010, at the George R. Brown (GRB) Convention Center in Houston, Texas.**

The WJTA – IMCA Expo will feature an expanded exhibit hall and boot camp sessions for individuals and companies in the waterjet and industrial vacuuming industries, including applications in precision waterjet cutting, industrial cleaning and other applications in the manufacturing, mining, construction, and process industries.

Exhibit displays will include equipment, products and services relating to precision waterjet cutting, industrial cleaning, waterblasting, hydrodemolition, surface preparation, and industrial vacuum equipment/trucks. There will be live table-top precision waterjet cutting in the exhibit hall. See details throughout this issue.

To reserve exhibit space, contact Ken Carroll by phone: 314-241-1445, fax: 314-241-1449, or email: wjta-imca@wjta.org. The exhibit hall floor plan and an application for exhibit space are available online at www.wjta.org.

New Brochure Now Available and On the Web

Tube Lancing Systems



The Industry Standard for Tube Bundle Cleaning



Horizontal and Vertical Applications!

- 15k, 20k and 40k psi Power Packages
- Single, Dual or Triple Rotating Lances
- Extends up to a 60 ft. Stroke
- Automated Controls Increase Safety
- More Powerful than Hand-held Methods

Featuring 5 New System Upgrades!

- Expandable Operating Window
- Lockable, Swivel Wheels & Jack Stands
- Tilt Function & Steering Controls
- Additional Lance Protection
- Reinforced Heavy-Duty Rear Support



Email: sales@stoneagetools.com • 1-866-795-1586 • www.stoneagetools.com
970-259-2869 • FAX: 970-259-2868 • 466 S. Skylane Dr. • Durango, CO 81303 USA

Waterjet-based Dental Drill Could Ease Pain

By Erika Potter

The dentist. For many, it's probably not the most enjoyable experience. Some even suffer from "dentophobia," or fear of the dentist. However, thanks to professors and graduates of Brigham Young University (BYU) and Utah Valley University (UVU), dentists may soon be able to offer pain-free dental work.

The Neptune Water Drill, invented by Robert Todd, BYU professor of mechanical engineering, and some of his former graduate students, uses a high-pressure water stream about the thickness of a piece of paper to cut into teeth with cavities.

"The best thing about the drill is that it helps to address and improve all of the things we hate at the dentist," said Timothy Nelson, CEO of WaterJet International LLC. "The drill eliminates the noise, heat and vibration caused by regular drills, greatly reducing pain without requiring a shot."

After Todd patented the device through BYU, the license was acquired by UVU graduates, who now oversee the business development.

Through UVU, WaterJet International LLC, a local dental equipment start-up company run by recent UVU graduates, recently received one of 10 state Technology Commercialization Grants. The grant was awarded by the Utah Science Technology and Research initiative, and proceeds will assist the company to complete a marketable prototype of the Neptune Water Drill.

"USTAR is a state-funded effort to commercialize technology that is coming out of our universities in order to expand the number of high-paying jobs in the state," said Michael

O'Malley, director of communications for USTAR. "I think we were encouraged to see the collaborative efforts not only between UVU and a local start-up company, but between UVU and BYU as well."

Todd and his students began working on the project in 2001.

"I thought of the idea as a result of my work in developing water cutting machines that cut metal for industrial purposes," Todd said. "I reasoned in my mind that we might be able to cut teeth if we could make the stream

of water much smaller and lower in pressure."

The group then continued to experiment in laboratory setups on individual teeth acquired by local dentists. The drill allows for much less of the healthy tooth to be removed when filling a cavity because of its ability to cut into a very small space.

"We're really honored that not only was our idea licensed, but that they're actually pursuing it," Todd said.

Article reprinted with permission, courtesy of *The Daily Universe*, www.universe.byu.edu.

Jet Edge Precision Waterjet Cutting Machine On Exhibit at WJTA-IMCA Expo, Aug. 17-19

Waterjet manufacturer Jet Edge, Inc., of St. Michael, Minnesota, will exhibit its Mid Rail Gantry waterjet cutting machine at the 2010 WJTA-IMCA Expo, August 17-19 at the George R. Brown Convention Center in Houston. Look for Jet Edge in Booth 637.

During the WJTA-IMCA Expo, Jet Edge will perform live precision waterjet cutting demonstrations on its Mid Rail Gantry waterjet system. Powered by a 60,000 psi or 90,000 psi Jet Edge waterjet intensifier pump (available in 30-200hp models), the Jet Edge Mid Rail Gantry waterjet cutting machine features an exposed tank that easily accommodates overhead loading. It is designed to cut virtually any material. Optional mirroring cuts part cycle time in half. The Jet Edge Mid Rail Gantry waterjet system utilizes an industrial PC controller and can be configured so that all three axes

are fully programmable (Z optional). It also features direct-couple AC brushless digital servo motors and single or double carriages. Critical bearing components are protected with heavy metal covers with brush seals. The Mid Rail Gantry waterjet system is available in 5'x5', 8'x5', and 21'x5', 8'x13' and 21'x13' and 5'x13' work envelopes.



Jet Edge's Mid Rail Gantry Waterjet System is proudly made in the U.S.A.

For more information about Jet Edge, visit www.jetedge.com, e-mail sales@jetedge.com, call 1-800-JET-EDGE (538-3343) or 763-497-8700.



Discover a world of solutions.

And open a new universe of opportunity.

Four brands. One total solution. That's the advantage of Federal Signal Environmental Solutions Group. Because you can rely on one industry-wide partner to help broaden the scope of your business, maximize efficiency, and make more money. From unmatched product innovation to world-class training and refurbishment, you'll find the solutions you need from the brands you can trust.



VACTOR[®]

Subsidiary of Federal Signal Corporation

www.vactor.com
815.672.3171



GUZZLER[®]

Subsidiary of Federal Signal Corporation

www.guzzler.com
815.672.3171



Jetstream[®]

Subsidiary of Federal Signal Corporation

www.waterblast.com
800.231.8192



FSS SOLUTIONS[®]

TRAINING • RENTALS • PARTS • SERVICE

www.fssolutionsgroup.com
800.822.8785



FEDERAL SIGNAL
Environmental Solutions

Metal Service Center JACQUET Southeast Now Offering Large Format Waterjet Cutting Services in Charlotte

Metal Processing and Distribution Center Specializes in Stainless Steel, Nickel Alloys, Serves Southeast U.S.

Metal service center JACQUET Southeast is now offering large-format waterjet cutting services to the southeastern U.S. at its new metal processing and distribution center in Charlotte, N.C.

JACQUET Southeast is capable of processing materials up to 21'x13' on its Jet Edge Mid Rail Gantry waterjet cutting machine. The company also offers plasma cutting services and carries 19 different grades of stainless steel and nickel alloy plates in a wide variety of sizes and thicknesses.

A subsidiary of JACQUET Mid-Atlantic of Pottstown, Pennsylvania, and JACQUET Metals of Lyon Saint Priest, France, JACQUET Southeast serves the Carolinas, Tennessee, Georgia, Florida and Alabama. It is one of five JACQUET metal service centers in the U.S. JACQUET also has service centers in Pottstown, Houston, Racine, Wisconsin, and Irvine, California.

JACQUET Southeast specializes in supplying and processing stainless steel and nickel alloys for a wide variety of industries, including power generation, chemical processing, wastewater treatment, aviation and aerospace, textiles and nuclear applications. With its waterjet and plasma cutting capabilities, the company can offer standard shape cutting of rings or discs as well as intricate parts from customer drawings.

While JACQUET's Charlotte metal processing and distribution center is

new, JACQUET is not new to the Southeast, explains Ryan Hendrix, manager/owner of JACQUET Southeast. The company has been serving the region through its Mid-Atlantic facility for several years, and opened a sales office in Charlotte in 2007.

"There are not a lot of companies stocking and processing stainless plate in the Southeast, so we are uniquely geographically located," says Hendrix, who noted that JACQUET decided to open a metal processing facility in Charlotte to meet the region's growing demand and to provide same or next-day rush services to its southeastern customers.

"We offer a level of customer service that sets us apart," Hendrix continues. "When you couple that with our ability to respond quickly to our customers here in the Southeast from our new facility in Charlotte, I believe we have a great deal to offer our customers. We are extremely excited to now have the ability to be able to offer next-day or even same-day cutting and shipping to our customers."



Hendrix explained that he decided to install a Jet Edge waterjet system in Charlotte based on JACQUET's satisfaction with its Jet Edge equipment at its other U.S. service centers. JACQUET Southeast's Jet Edge is the company's seventh Jet Edge nationwide.

(continued on page 20)



Your Complete Source for All of Your High Pressure Needs

- Needle Valves, Ball Valves and Check Valves
- Working pressure up to 60,000 psi
- Variety of body styles and thread forms



Exclusive Distributor for SAMI Instruments High Pressure Valves

Contact your SPIR STAR representative for more information
10002 Sam Houston Center Drive • Houston TX 77064
Toll Free: (800) 890-7827 • Fax: (888) 893-1255
Phone: (281) 664-7800 • Fax: (281) 664-7850
Web: www.spirstarvalves.com • ISO 9001:2008 Certified



© 2010 SPIR STAR

TOUGH JOBS TOUGHHER TOOLS



Model 360 D Diesel

Save Time/Save Money!

This 10K to 20K Pump stays in the field, on the job with **Instant Pressure Range Convertibility (IPRC)**

Multi-task with the Fastest and Least Expensive 10K/20K Conversion in the Market TODAY.

- Simple Operator Conversion
- Convert in the Field, NOT at the Shop
- Minimal Torque Required

Model 360D Diesel

UNIT	PRESSURE		FLOW	
	PSI	BAR	GPM	LPM
360-09	8,600	593	61	231
360-10	10,000	689	52	197
360-15	15,000	1034	34	129
360-20	20,000	1379	26	98

See y'all in Houston!
Booth #601

August 17-19, 2010
2010 WJTA-IMCA Expo
George R. Brown
Convention Center

GD

GARDNER DENVER
WATER JETTING SYSTEMS, INC.

(1) 281-448-5800 **Phone**
(1) 281-448-7500 **Fax**
(1) 800-231-3628 **Toll-free U.S. & Canada**

www.waterjetting.com



2010 WJTA-IMCA Expo

August 17-19, 2010
George R. Brown Convention Center
Houston, Texas

Live, Onsite Demonstrations

(As of June 16, 2010)

- **Armadillo Tube Cleaning Systems**
- **GapVax, Inc.**
- **Gardner Denver Water Jetting Systems**
- **Hammelmann Corporation**
- **Jet Edge (precision waterjet cutting in exhibit hall)**
- **Jetstream of Houston, LLP**
- **NLB Corp.**
- **Peinemann Equipment**
- **StoneAge, Inc.**
- **Terydon, Inc.**
- **TurtleSkin WaterArmor by Warwick**
- **Veolia Environmental Services**

Preliminary Schedule of Events

Tuesday, August 17

6:30 p.m.-8:30 p.m.
Welcoming Reception

Wednesday, August 18

8:00 a.m.-10:00 a.m.
Live Demonstrations
10:30 a.m.-5:00 p.m.
Exhibit Hall Open
Boot Camp Sessions

Thursday, August 19

9:00 a.m.-3:00 p.m.
Exhibit Hall Open
9:30 a.m.-3:00 p.m.
Boot Camp Sessions

Opportunities To Win \$\$\$

- **Attendance Prizes** - Expo registrants are eligible to win one of eight \$250 cash prizes. Attendance prizes sponsored by High Pressure Equipment Company.
- **Exhibit Passport** - Complete your Exhibit Passport for a chance to win one of four \$50 cash prizes.
- **Expo Survey** - Complete your Expo survey and enter to win one of two \$50 cash prizes.

Flow International Makes Board Appointments

Flow International Corporation has appointed two new independent directors. Joining Flow's Board are Patrick J. Byrne, President and Chief Executive Officer of Intermec Inc.; and Bradley D. Tilden, President of Alaska Airlines. They are joining the Board in anticipation of replacing directors Arlen I. Prentice and J. Michael Ribaud, whose terms expire in September 2010 and who are not eligible to be considered for re-election under the company's term limit policy.

"Brad and Pat bring exceptional executive and operational experience that is particularly relevant to Flow at this stage of our growth, and we welcome them to our board," says Kathy Munro, Flow's Chairman of the Board. "We also extend our sincere gratitude to Arnie and Mike for their long service to Flow and through this transition. They were instrumental in our emergence as the world's leading waterjet developer and manufacturer."

Since July 2007, Patrick J. Byrne has served as President and Chief Executive Officer of Intermec Inc. (NYSE:IN), which develops and integrates hardware, software and services for the optimization of field mobility workers and supply chains. He was also elected to Intermec's Board of Directors in July, 2007.

Byrne is a 24-year veteran of Hewlett Packard and Agilent Technologies where he held increasingly responsible positions in Research, Engineering, Marketing and General Management. He was most recently Senior VP of Agilent Technologies, Inc. and President of Agilent's Electronic Measurement Group, and prior to that he was VP and General Manager of its Wireless Business Unit.

Byrne received his BS degree in electrical engineering from the University of California, Berkeley, and his MS degree in electrical engineering from Stanford University. He currently serves on the Board of Samuel Ginn College of Engineering at Auburn University.

Bradley D. Tilden has served as President of Alaska Airlines since 2008. Along with Horizon Air, Alaska Airlines is a subsidiary of Alaska Air Group (NYSE: ALK), which together serve more than 90 cities through an expansive network in Alaska, the Lower 48, Hawaii, Canada and Mexico. Tilden oversees Alaska Airlines' operating divisions, as well as Marketing, Cargo, Planning and Revenue Management.

Previously, Tilden served as Alaska Air Group's chief financial officer and executive vice president of finance, leading the Finance, Information Technology, Planning, Revenue Management and Corporate Real Estate organizations. Before joining Alaska in 1991, he spent eight years with the accounting firm Price Waterhouse at its offices in Seattle and Melbourne, Australia.

Tilden earned a bachelor's degree in business administration from Pacific Lutheran University and an executive master's degree in business administration from the University of Washington. Tilden serves on the boards of Pacific Lutheran University and the Chief Seattle Council of the Boy Scouts of America. He is also a regular guest speaker in University of Washington business school classes. He also holds a private pilot's license.

For more information, visit www.flowcorp.com.

OSHA Institutes New Severe Violation Enforcement Program

The Occupational Safety and Health Administration (OSHA) has instituted a stricter enforcement program. This new program, called the Severe Violator Enforcement Program, concentrates resources on inspecting employers who have demonstrated indifference to their occupational safety and health obligations by willful, repeated, or failure-to-abate violations.

Enforcement actions for severe violator cases include mandatory follow-up inspections, possible enhanced settlement provisions, and federal enforcement under Section 11(b) of the Occupational Safety and Health Act.

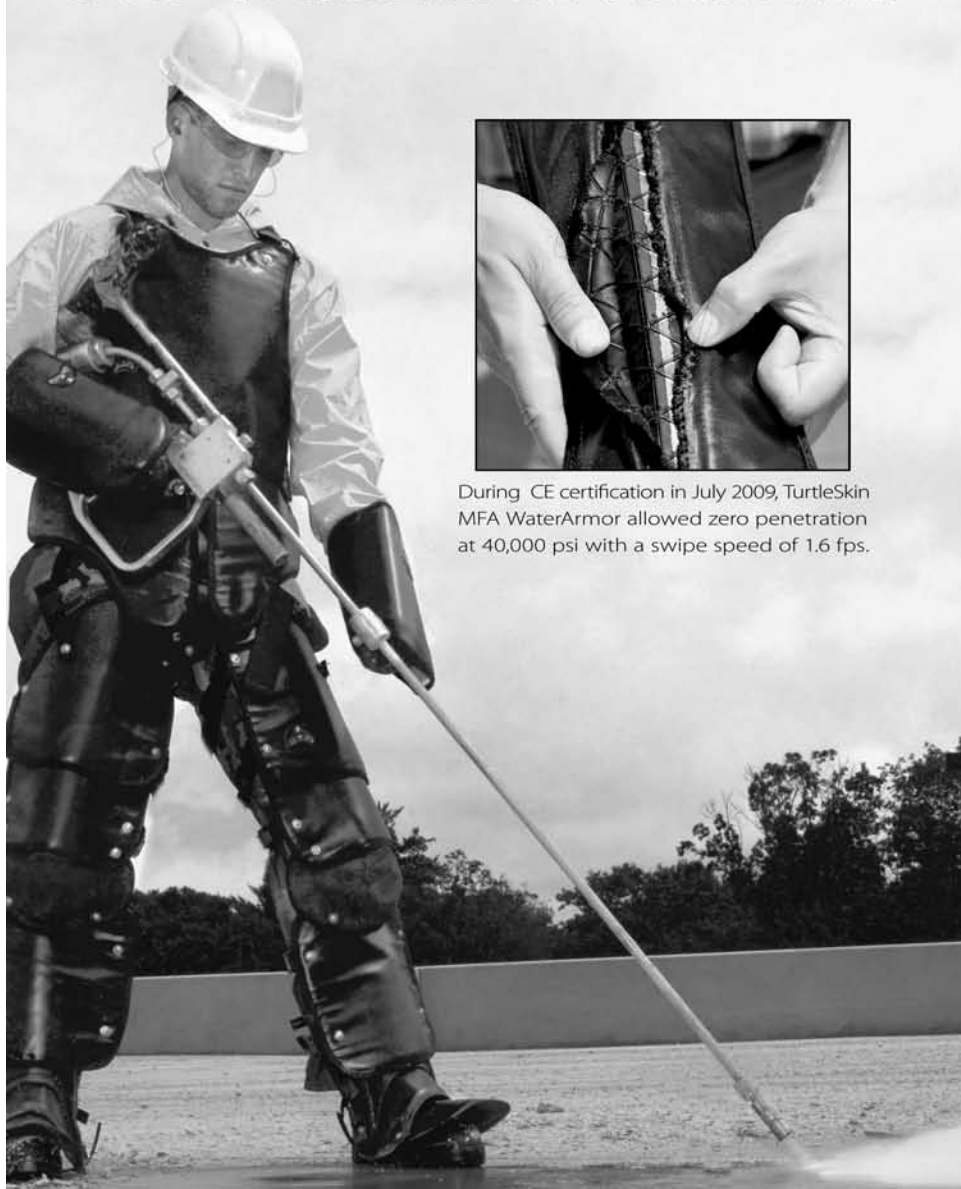
States are required to either adopt this program or to establish their own equivalent program, which must include procedures for identifying and taking action with regard to recalcitrant and indifferent employers, and for making referrals to and responding to referrals for OSHA. Federal OSHA will accept referrals from the state plans and conduct appropriate inspections.

View/download additional information at www.wjta.org.

The *Jet News* is published by the WaterJet Technology Association (WJTA)-Industrial & Municipal Cleaning Association (IMCA) and is a benefit of membership in the Association.

©2010 *Jet News*. All rights reserved. Reproduction in any form forbidden without express permission.

NEW TurtleSkin MFA WaterArmor UHP WaterJet Protection



During CE certification in July 2009, TurtleSkin MFA WaterArmor allowed zero penetration at 40,000 psi with a swipe speed of 1.6 fps.

What's the difference?

New Technology. Increased Protection. New TurtleSkin MFA WaterArmor is engineered from a new lightweight composite material that has a higher level of resistance from exposure to UHP water jet swipes.

turtleskin.com



888.477.4675

Diamond Technologies Receives Best New Business of the Year Award

Diamond Technologies, Inc. (DTI), Olympia, Washington, a business that manufactures diamond nozzles, received the 2010 New Business of the Year Award from the Thurston County Economic Development Council (EDC) during an awards ceremony on March 25, 2010.

“DTI is extremely honored to have received this huge recognition for our contributions to the local community, our ability to stay innovative in our industry, and our overall ethical business strategies,” says Ted and Tanya Jernigan. “Our thanks go out to all of the people involved in making this a reality and most importantly, our amazing employees who are devoted and dedicated to the success of DTI.”

Ted and Tanya Jernigan started DTI in 2004 after selling another Olympia business, H2O Jet. Ted serves as DTI’s president, and Tanya serves as vice president. DTI now has 14 employees and operates out of two buildings on Olympia’s west side, including one in which the diamonds are shaped for high-pressure nozzles for precision waterjet cutting.

DTI designed a fully-equipped machine shop to provide additional diamond tooling products for an ever-increasing and expanding customer base, and their facility can provide machining services to the greater community as well. DTI is cutting-edge in implementing “precision aligned cartridge technology.” In addition to being innovators in their industry, they continually keep abreast of the latest advances in technology and nanotechnology. Ted also cites the



From left to right: Tim Dowling, West Coast Bank; Perry Hanchey, DTI general manager; Jessica Jernigan, DTI marketing director; Ted Jernigan, DTI president; Tanya Jernigan, DTI vice president; and Michael Cade, EDC executive director.

excellent staff and devoted teamwork that keep the company running with the same precision and care reflected in their products.

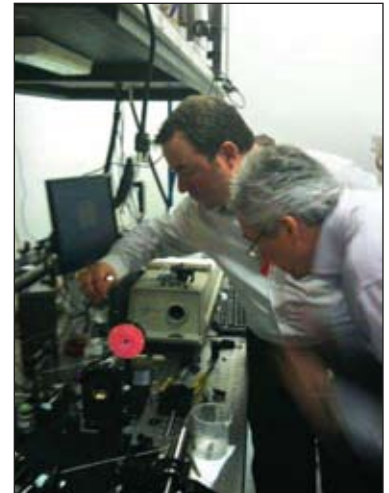
DTI Collaborates With NASA Jet Propulsion Laboratory

Since the start of 2010, DTI has been working closely with NASA’s Jet Propulsion Laboratory (JPL) after receiving several orders for diamond orifices. The JPL requested several uniquely shaped diamond orifices at extremely precise tolerances to aid them in testing for future missions to Mars. Since the first order, DTI’s design team and the JPL have been collaborating to create additional precision diamond orifices to fit even more closely with needed testing specifications. As the testing experiments themselves are classified, the research mainly focuses on light spectroscopy involving lasers and a tight waterjet stream shot through DTI’s diamond nozzles.

In May, DTI representatives were invited to NASA’s JPL to see their diamond nozzles put to use in testing experiments. After a tour of the facility, DTI’s president, Ted Jernigan and his two associates, were shown

the new scientific research that they had played a part in developing. The visit was additionally successful with expressed excitement towards future NASA, DTI collaboration on several new R&D projects.

For more information, visit www.waterjetdiamonds.com.



Ted Jernigan and Perry Hanchey review NASA testing.



DTI diamond used in NASA testing.

OMAX® Releases Dual Bridge System For Large-Table JetMachining® Centers

OMAX® Corporation has released its new Dual Bridge System, a configuration option that allows the inclusion of a second Y-bridge to boost efficiency and flexibility. The system can be added to any new or existing 60120, 80X or 120X OMAX JetMachining Center and is currently the only dual bridge traction drive system available in the waterjet industry.

With OMAX's Dual Bridge System, two Y-bridges work independently from each other, significantly increasing machine capacity. The bridges can be programmed to produce separate components or can work in tandem to cut one large part. The system also boosts utilization rates, as cutting can be performed while materials are loaded and unloaded from the machine.

To maximize user friendliness, the Dual Bridge System makes use of OMAX's Intelli-MAX® Premium software, which is already installed on all OMAX JetMachining Centers. Operators can easily switch between viewing the programs for either bridge.

All existing OMAX accessories are fully compatible with the addition of a second Y-bridge. To achieve the fastest possible cutting configuration, the system can also be configured with multiple nozzles and pumps on one machine.

For more information visit www.omax.com.

BARTON

Introducing The Next Generation Integrated Diamond Cutting Head – TRIDENT 2



- *Superior Accuracy*
- *Reduced Abrasive Consumption*
- *Extended Nozzle Life*
- *Lower Operating Costs*

Breakthrough manufacturing technology creates absolute alignment between the diamond orifice and the nozzle.

Outperforms even the highly successful original TRIDENT!

Bring your waterjet cutting operation to the next level – **contact Barton today.**

Barton

USA/Canada 800.741.7756

Phone 518.798.5462

info@barton.com

TRIDENT 2

www.barton.com

Comments Solicited On Improvements To Recommended Practices

Comments are solicited regarding improvements to the WJTA-IMCA publications, *Recommended Practices for the Use of Manually Operated High Pressure Waterjetting Equipment* and *Recommended Practices for the Use of Industrial Vacuum Equipment*. While both publications are reviewed periodically at the WJTA-IMCA conferences and throughout the year, your comments and suggestions for improving the publications are invited and welcome anytime.

The *Recommended Practices for the Use of Manually Operated High Pressure Waterjetting Equipment* is currently under review and being revised.

Please address your comments and suggestions to: WJTA-IMCA, 906 Olive Street, Suite 1200, St. Louis, MO 63101-1448, phone: (314)241-1445, fax: (314) 241-1449, email: wjta@wjta.org. Please specify which publication you are commenting on.

FS Solutions Center In Louisiana Adds Guzzler Parts To Inventory

Federal Signal Environmental Solutions Group has announced that its FS Solutions center in Gonzales, Louisiana, will now stock parts for Federal Signal's Guzzler brand of industrial vacuum loaders, as well as vacuum accessories. This is in addition to high performance parts and accessories for Federal Signal's Jetstream brand of waterblasters and other makes and models of waterblasters already available at the center.

"The FS Solutions center in Gonzales provides industrial contractors with a wide variety of products and services, including the repairs, rentals, used equipment, parts and accessories and training required to run their equipment more profitably," says Bryce Mulligan, rental manager for FS Solutions. "Vacuum truck operators in Louisiana and the Gulf Coast area can now get Guzzler OEM replacement parts, as well as consumable parts – like vacuum hose, GuzzlerGrip™ nozzles, filter bags, hose fittings, y-adapters and gaskets – at our Gonzales location."

To help customers in the area with their waterblast and industrial vacuum loader needs, the Gonzales center is staffed by knowledgeable employees with significant industrial cleaning experience. Additional FS Solutions centers are located in Birmingham, Alabama; Long Beach, California; Houston, Texas; Toledo, Ohio; and Streator, Illinois.

Mulligan adds that the Gonzales center provides after-hour services for customers conducting shutdown work. "When equipment downtime just isn't an option, our industrial cleaning customers can count on FS Solutions," he says.

All FS Solutions locations provide access to factory-trained, certified technicians and genuine OEM parts. "FS Solutions customers look to our sales staff and service training technicians for recommendations and solutions to the unique challenges of their particular applications," Mulligan says. "Whether it's a contractor looking for faster, more cost-effective ways to perform cleaning operations or a business that can benefit from application expertise, equipment evaluations or training, we're providing solutions."

For more information about products and services available from the FS Solutions centers or to find the nearest location, call (800)627-3171 ext. 298, or visit www.fssolutionsgroup.com.





Are you tired of slow production?
Looking to get more return on your equipment investment?

PROBLEM SOLVED.

GATTI ORIFICES OUTLAST
AND OUTPERFORM ANY OTHER
ORIFICE ON THE MARKET.

Maximize your waterjet productivity.
Choose to use GATTI sapphire orifice
assemblies in your waterjet system.



524 Tindall Avenue • Trenton, NJ 08610
609-396-1577 • 877-AMGATTI • Fax : 609-695-4339

www.gattiam.com

- GATTI nozzle designs are recognized as the industry standard
- Our core business is manufacturing waterjet orifice assemblies and has been for over 30 years
- We are specialists in sapphire processing
- Same day shipping, excellent service, unmistakable quality



CALL TODAY
And We Will Ship You
FREE Samples To Try In
Your Own System!

Heat Exchanger Lancing Machine

Durable lancing support enhances pathway precision

Terydon, Inc. has introduced the (Heat Exchanger Lancing Machine) HELM designed for superior tube lancing cleaning.

With up to 2000 RPM capabilities, the rack and pinion drive allow for ease of setup and unlimited rail length with up to 60 feet/minute of linear travel. Current lancing machines are cumbersome to transport, require extensive setup, and involve more servicing. The HELM is equipped with stationary lance supports (patent pending) that are 100% mechanically controlled, thus preventing tangled and twisted lances. The spaced walls provide durable support for the lance and relocate out of the lance's path, preserving its path's accuracy. Despite remaining rugged and durable, the HELM folds for convenient transport. Extendable nose piece, heavy duty high torque single or dual gear boxes, and dual trolley for serviceability enables a compact size. Steel power rack and pinion indexing allow for replaceable tooling, as well as enable a PLC programming option. Unlimited rail length rivals current 60' chain tensioning limits.

The HELM also presents several different options per system, including pneumatic rear tripod support, peck cycle, and linear transverse limit switch. The peck cycle is used to deal with clogged tubes. It is a sequential, repeating, forward and reverse movement in linear travel to control depth of cut. The full frame may have

power synchronization positioning or vertical hanging capabilities. Terydon, Inc. continues to offer its superior nozzle designs and long life seals with specialty 10-50K swivels to enhance



HELM productivity, reliability, and longevity. Safety remains a priority with "E-stop" shut down mechanism to promote user safety. When used in conjunction with the RSV-60, the foot pedal is eliminated allowing the operator to remain a safe distance from the high water pressure while the water itself is immediately shut off. The user-friendly HELM is dependable and cost-effective, with capabilities to ease your workload.

For more information, contact Terydon, Inc. by email: tgromes@terydon.com or by telephone: 330.879.2448.

2010 WJTA-IMCA Expo

August 17-19, 2010
George R. Brown Convention Center
Houston, Texas

Sponsors

(As of June 16, 2010)

- **Platinum Sponsor**
StoneAge, Inc.
- **Gold Sponsor**
Veolia Environmental Services
- **Silver Sponsor**
High Pressure Equipment Company
TurtleSkin WaterArmor by Warwick
- **Bronze Sponsor**
GMA Garnet (USA) Corporation
Peinemann Equipment B.V.
Terydon, Inc.

Only One Of The Best SMT Diamond Orifices



800 hours* of usage is guaranteed, as long as it is properly used.

*We even have a customer that has used over 1,000 hours

SMT Shinhan Micron Tech

www.smttool.com
admin@smttool.com

Distributor of Jet Edge Waterjet Systems In New Zealand – MatCamNZ

Jet Edge, Inc. has selected MatCamNZ as its newest waterjet systems distributor covering New Zealand.

As a distributor of Jet Edge waterjets, MatCamNZ carries Jet Edge's full line of waterjet cutting and surface preparation equipment, including waterjet cutting machines, waterjet intensifier pumps and portable waterjetting systems.

Based in Glenfield, MatCamNZ has been supplying and supporting quality machine tools to the New Zealand metal cutting industry for more than 20 years, and has extensive experience with waterjet technology. MatCamNZ carries a comprehensive range of products including CNC routers, laser, plasma and waterjet cutters.

"Jet Edge is proud to associate our name with MatCamNZ," says Jude Lague, Jet Edge president. "MatCamNZ has demonstrated and proven that they have the key attributes of what makes a successful waterjet distributor: knowledge, hard work, professionalism, integrity and great customer service."

For more information about MatCamNZ, visit www.matcamnz.com, call (09) 444 6537 or e-mail info@matcamnz.com. For more information about Jet Edge waterjets, visit www.jetedge.com, call +1 763-497-8726 or e-mail sales@jetedge.com.



For over 38 years, KMT Aqua-Dyne has been supplying water blasting equipment to the water jetting industry.

KMT Aqua-Dyne can provide a total solution for any industrial cleaning or surface preparation needs.

Join the thousands of customers worldwide who come to depend on KMT Aqua-Dyne to do the job right!



BLASTMAX™ is Our Most Popular & Versatile Pumping Unit for Industrial Cleaning, Surface Preparation & Petro-Chemical!



KMT Aqua-Dyne
aqua-dyne.com
713 864 6929

Water-blasting Rotary Gun used for ship cleaning



2010 WJTA-IMCA Expo

August 17-19, 2010 • George R. Brown Convention Center • Houston, Texas

Expo Pass: 1 Day \$30, 2 Days \$45

Daily pass includes live demos, boot camp sessions and exhibits on Wednesday, August 18, or boot camp sessions and exhibits on Thursday, August 19. The daily pass for either day includes the welcoming reception on Tuesday, August 17, 6:30-8:30 p.m. The two-day pass includes all activities on August 18-19 and the reception on August 17.

Register Online at www.wjta.org

For more information and to register online, visit www.wjta.org or contact: WJTA-IMCA, 906 Olive Street, Ste. 1200, St. Louis, MO 63101-1448, email: wjta-imca@wjta.org, telephone: (314)241-1445, fax: (314)241-1449.

NEED IT? RENT IT!

AIR MACHINES • LIQUID VACS • ROLL-OFFS • LIQUID RINGS
NATIONWIDE • 24 HOURS A DAY • 7 DAYS A WEEK



1-888-955-2087

www.vactruckrental.com

**VACUUM
TRUCK
RENTALS**

Barton Appoints Rick Miller Northwest Regional Sales Manager

Barton Mines Company, a leading supplier of garnet abrasives for waterjet cutting and blast media announced the appointment of Rick Miller as Regional Sales Manager for the Northwest region. Rick will serve customers in WA, OR, MT, ID, WY, UT and western Canada from a regional office in Sultan, WA.



Rick Miller

As Regional Sales Manager, Rick will educate the waterjet and blast media markets in the value of Barton garnet abrasives and will work to maximize customer satisfaction.

Rick brings more than 20 years of sales experience in abrasive and industrial products. Most recently he served as District Sales Manager with Weiler Corporation.

For more information contact Barton Mines Company by e-mail at info@barton.com or phone 800-741-7756. Visit us on the web at www.barton.com.

2010 WJTA-IMCA Expo

August 17-19, 2010 • George R. Brown Convention Center Houston, Texas

Boot Camp Sessions – Preliminary Schedule

(As of June 16, 2010)

Wednesday, August 18, 2010

- 10:30 a.m. **DOT Regulations for Trucks/Trailers**
By: *Dan Hoffman*, DOT Commercial Vehicle Enforcement Officer LaPorte, Texas, Police Department
- 11:30 a.m. **Safety in Waterjetting**
By: *Ed Twaddell*, Sales Team Leader TurtleSkin Protective Materials
- 12:30 p.m. **High Pressure Waterblasting**
By: *Gary Toothe*, Training Manager FS Solutions
- 1:30 p.m. **Reducing Hydroblasting Risk and Incidents Through Partnership and Technology**
By: *Kathy Krupp*, Managed Services Leader Dow Chemical Company
Sam Harkins, E, H, S, T & Crisis Director Veolia ES Industrial Services
- 3:00 p.m. **Hose Fittings, Pressure Testing**
By: *Paul Webster*, Engineering Manager Parker Hannifin-EPD
- 4:00 p.m. **Is "Cold-Cutting" Really Non-Explosive?**
By: *Bill McClister*, Vice President Support Services Veolia Environmental Services

Thursday, August 19, 2010

- 9:30 a.m. **Waterjet 101 - The Capabilities and Benefits of Precision Waterjet Cutting**
By: *Bradley Schwartz*, Pacific Regional Sales Manager Jet Edge
- 10:30 a.m. **Video Inspection of Pipelines**
By: *Gary Leslie* RapidView, LLC
- 11:30 a.m. **Hydro-Excavation**
By: *Neil McLean* Hydro-Excavation Consultant
- 12:30 p.m. **Nozzle Selection for Sewer Cleaning**
By: *Jetstream of Houston, LLP*
- 1:30 p.m. **Static Electricity – Effects and Solutions**
By: *Alan Browne*, President Stewart R. Browne Manufacturing Co., Inc.
- 2:30 p.m. **Plant Safety**
By: *Mike Mayo*, Director of Corporate Safety, Valero Energy Corporation

SAMI Instruments Releases New NPT And Medium Pressure Ball Valves

“SAMI Instruments has expanded their product line by adding NPT and Medium Pressure Ball Valves,” announced *SPIR STAR, Ltd.*, the exclusive distributor for SAMI Instruments High Pressure Valves.

The new ball valves are designed for liquid and gas flow control and are available in various connection sizes to satisfy different requirements. The ball valves' quarter turn feature allows for a quick open and close operation. In addition, having a blowout-proof stem and ball design allows for higher safety assurance.



For further information and inquiries, please contact your *SPIR STAR* representative at (800) 890-7827.

Jet Edge's iP60-50R Water Jet Intensifier Pump Features Redundant Intensifier Pump Design

Jet Edge's iP60-50R water jet pump has two intensifier systems. If one of the intensifier systems should fail or require service, the second intensifier system can continue operations until the intensifier pump can be shut down for service.

The iP60-50R produces 1.1 gallon (5 liters) per minute of ultra-high pressure water for precision waterjet cutting, water blasting, cleaning and surface preparation applications. It supports orifices up to .015" (.38 mm).



The iP60-50R features Jet Edge's reliable tie-rod design. This design has no threaded cylinder, no threaded end caps, and no threaded hydraulic cylinder, making it less prone to cracking than threaded designs. Matched-metal components prevent galling of hydraulic system components. Jet Edge water jet pumps feature hydraulic accumulators, which reduce wear on the hydraulic pump. Hydraulic fluid also is cooled and filtered. Jet Edge waterjet pumps feature a rugged hydraulic center section which incorporates high-duty cycle-rated piston seal and wear rings. Jet Edge's hydraulic systems have a 4,000-hour warranty. Jet Edge water jet pumps also feature attenuators which smooth pressure fluctuations and deliver a constant and steady stream of ultra-high pressure water to the cutting tool, ensuring optimal cut quality.

For more information, visit www.jetedge.com or call (800)JET-EDGE (538-3343).



Proven Solutions For Your High Pressure Hose Needs

- Maximus®**
High efficiency UHP hose with larger ID increases flow and decreases pressure drop
- Duralife® Flex**
Lasts 40% longer than standard flex lances decreasing downtime and replacement costs
- Blast-Pro®**
Increases operating pressures at the nozzle for faster cleaning rates and improved efficiency
- Silver Mongoose®**
Super Urethane cover extends hose life in extreme service applications
- Type 25/6 - High Flow**
1" ID and 20,000 psi working pressure for high pressure, high volume applications

Contact your SPIR STAR representative for more information.
10002 Sam Houston Center Drive • Houston, TX 77064
Phone: 281.664.7800 • Fax: 281.664.7850
Toll Free: 800.890.7827 • Fax: 888.893.1255
Web: www.spirstar.com • ISO 9001:2008 Certified

© 2010 SPIR STAR

2010 WJTA-IMCA Expo
August 17-19, 2010
George R. Brown Convention Center • Houston, Texas

Join WJTA-IMCA for a Night at the Ballpark
Wednesday, August 18, 2010 • Minute Maid Park • Time: 7:05 p.m.

Houston Astros vs. New York Mets

Visit www.wjta.org for information regarding specially priced tickets.



Come ready to play in our new front yard in 2010!

Houston welcomes the 2010 WJTA – IMCA Expo, August 17-19

Spanning more than **five blocks**, the George R. Brown Convention Center anchors the revitalized east end of downtown Houston, where the **surroundings bustle** with new **urban development** and **world-class amenities**.

You couldn't dream of a better front yard – with **Toyota Center** and **Minute Maid Park** nearby, the 1,200-room **Hilton Americas-Houston** connected by sky bridge and the new 12-acre **Discovery Green park** (designed with special events in mind) across the street.

A VISION. A PLAN. A WALKABLE DESTINATION.
SOUTHERN HOSPITALITY WITH A COSMOPOLITAN TWIST



GRB Convention Center, Hilton Americas-Houston, Toyota Center, Discovery Green
www.HoustonConventionCtr.com, www.AmericasHouston.Hilton.com,
www.HoustonToyotaCenter.com, www.DiscoveryGreen.com



Houston Pavilions, Now Open
www.houstonpavilions.com

Or walk to **Houston Pavilions**, the **four-block** downtown retail, dining and entertainment hub, with **House of Blues**, **McCormick and Schmick's**, **Guadalajara del Centro** and **Lucky Strike** bowling.

Combine this with the convention center's **1.2 million** square feet of dedicated meeting space – including a **30,000-square-foot ballroom**, **3,600-tier-seated amphitheater**, **6,500-seat arena**, **four 3,000-square-foot balconies**, **100 flexible meeting rooms** and an abundance of green initiatives – and **Houston never has been more appealing.**

Flow Introduces Next Generation Waterjet Cutting Head

Flow International Corporation has launched the Paser® 4 Ultra Component Life (UCL) abrasive waterjet cutting head. The Paser 4 UCL improves cutting performance and lowers operating cost.

Since its introduction in 1984, the Paser line has become the most popular waterjet component package in the industry. Flow's waterjet expertise, extensive testing, and R&D have led to the latest abrasivejet enhancement – the Paser 4 UCL cutting head with a low profile water on/off valve.

Whether the Flow pump is rated at 40,000 psi, 60,000 psi, or even at Flow's industry leading 94,000 psi,

Paser 4 cutting technology delivers optimum cut quality, speed and operating efficiency. Orifice life is increased 3 to 5 times while abrasive consumption is reduced, resulting in substantial savings. Offered as an upgrade on most waterjet machines, the Paser 4 is available with a variety of orifice and mixing tube combinations to match today's common applications.

Already Flow customers have realized significant benefits as a result of the Paser 4 UCL system.

"The Paser 4 UCL cutting head is awesome - it has saved me a lot of time and money in my business," says Kevin Dexter, president, Andex Laser.

"Our Flow 60ksi waterjet served as a beta site for the product. We now have 9 months and 1,400 hours of operation on the Paser 4 cutting head without opening it up for maintenance, which is tremendous."

"We are excited with the efficiency and productivity gains that our customers are experiencing," says Mark Powell, aftermarket sales and market manager. "Flow is committed to researching and developing solutions to further advance waterjet technology, providing our customers the most efficient and versatile machine tool in the world."

For more information, visit www.flowcorp.com.

WWW.IWPWATERJET.COM

Better Parts - Better Pricing



VISIT OUR WEB SITE WITH OVER 400 PRODUCTS, INSTALLATION PROCEDURES, EXPLODED VIEWS AND SERVICES

- PARTS FOR ALL MAKES OF MACHINES
- SAME DAY SERVICE
- UNSURPASSED QUALITY
- VALUE PRICING
- SATISFACTION GUARANTEE

ADDITIONAL 5% DISCOUNT ON PARTS ORDERS FROM OUR WEB SITE

INTERNATIONAL WATERJET PARTS INC.
A Division of WGI

1299 A STREET SE
EPHRATA WASHINGTON 98823

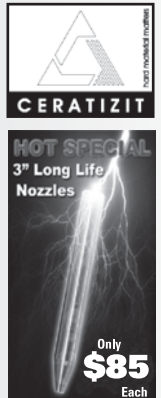


Phone: 509-754-3284
Toll Free: 866-302-3284
Fax: 509-754-3292
Toll Free: 866-883-3292
Email: iwp@iwpwaterjet.com

Additional 5% discount on parts orders from our web site.

We offer Ceratizit brand nozzles to fit most cutting heads.

Don't settle for less when you can have the best!!!!



**WANT TO CUT YOUR GARNET USAGE UP TO 30%?
CALL US TO ASK US HOW.**

2010 WJTA-IMCA Expo

August 17-19, 2010
George R. Brown Convention Center Houston,
Texas

Exhibitors

(As of June 16, 2010)

AMOT
Advanced Pressure Systems
Aqua-Sales/Armadillo Tube Cleaning
BIC Alliance/Impact Marketing
Blasters, Inc.
Boatman Industries
Cleaner Times Magazine
Dresser Roots
FS Solutions, Guzzler Manufacturing, and
Jetstream of Houston, LLP
GapVax, Inc.
Gardner Denver Water Jetting Systems
General Pump
Giant Industries, Inc.
Global Vacuum Systems
Hammelmann Corporation
High Pressure Equipment Company
HoldTight Solutions, Inc.
Hydradyne Hydraulics, LLC
Inland Industrial Services
Jack Doheny, Inc.
Jet Edge
KMT Waterjet Systems Inc./KMT
Aqua-Dyne, L.P.
Kroy Industries, Inc.
LaPlace Equipment Company
Legion Distribution, Inc.
Lemasa Ind. e Com. Ltda.
Maxpro Technologies, Inc.
Microlap Technologies
NLB Corp.
Opta Minerals
Parker Hannifan-EPD
Peinemann Equipment
Powertrack International Inc.
Presvac
Ramvac Vacuum Excavators
SPIR STAR
Stewart R. Browne Manufacturing Co., Inc.
StoneAge, Inc.
Stutes Enterprise Systems, Inc.
Super Products, LLC
Terydon, Inc.
TurtleSkin WaterArmor by Warwick Mills
U.S. Jetting
Under Pressure Systems Inc.
Vacuum Truck Rentals, LLC
Veolia Environmental Services
Waterblasting Technologies
Wilco Supply L.P.
Wilson Company
WOMA Corporation
World Wide Hose

Reserve Your Exhibit Space

Make plans now to exhibit at the 2010 WJTA-IMCA Expo. To reserve exhibit space, contact Ken Carroll by phone: 314-241-1445, fax: 314-241-1449, or email: wjta-imca@wjta.org. The exhibit hall floor plan and an application for exhibit space are available online at www.wjta.org.

Metal Service Center JACQUET Southeast Now Offering Large Format Waterjet Cutting Services in Charlotte, from page 6

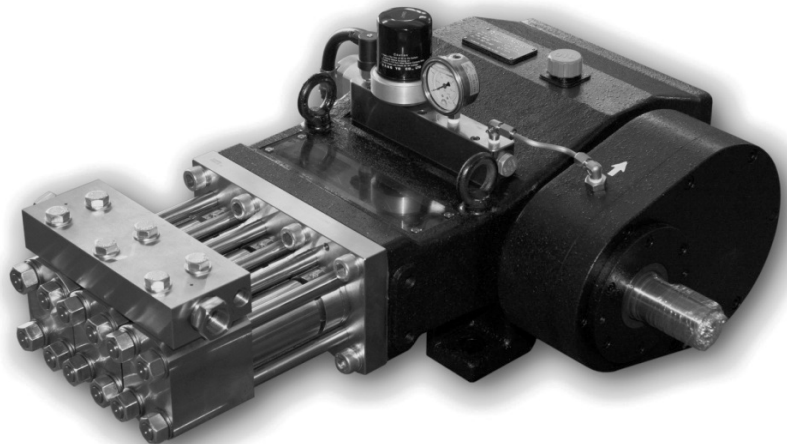
"You can just do so much with a Jet Edge waterjet that we felt like we had to have that capability," Hendrix said. "Many of our customers find that they can save a good deal of money by having us waterjet pieces as opposed to other cutting methods, as it greatly reduces the amount of machining they have to do to the part once they receive it. We can offer such a nice finish on the edges by just waterjet cutting, and customers really respond to that."

To meet its customers' needs for large-format cutting, JACQUET equipped its Jet Edge waterjet table with two Jet Edge Permalign II abrasivejet cutting heads and a 100HP intensifier pump to increase productivity. They also added an optional mirroring package which

makes it possible to cut large parts twice as fast, independent programmable Z carriages, programmable height sensing, a fully-functional remote pendant, large-capacity bulk abrasive hopper, submerged cutting package, a closed-loop water filtration system, and a garnet removal system. JACQUET's Jet Edge Mid Rail Gantry is capable of maintaining +/- 0.001" linear positional accuracy (over 12") and +/- 0.001" repeatability (bi-directional).

For more information about JACQUET Southeast visit www.myjacquet.com or call (704) 699-5116. For more information about Jet Edge, visit www.jetedge.com, or call 1-800-JET-EDGE (538-3343).

Direct Drive Pumps • 40K-50K PSI • 30-300 HP



OH Precision/QualJet

www.qualjet.com • info@qualjet.com

USA/Canada 866-782-5538 • Fax 425-378-7776

***SPIR STAR* Hose Repair Center**

S*PIR STAR*, the manufacturer of high pressure hose with working pressures up to 45,000 PSI, has announced that Comuniv SA de CV in Tampico, Tamaulipas, Mexico, is an authorized *SPIR STAR* hose repair center for Mexico. Comuniv SA de CV will be able to better serve local customers by repairing flex lances that up until now could not be repaired in Mexico. In addition, they will stock complete new assemblies, fittings and valves.

For further information, visit www.comuniv.com.mx or call Sergio Arvizu at +52(833)2101747.

AccuStream Launches New Website

AccuStream Waterjet Products has launched a new website in response to the increasing demand for online orders. The new website is easier for customers to find the right products and information they need.

The new website brings with it an array of user-friendly updates allowing for easy navigation to desired information as well as support material and training videos. Some key highlights to the new site are; a more streamlined look, easier to navigate layout, a buyers guide section for our industry leading DiaLine, two in-depth tours of our popular AS and A-Series intensifier pumps, compare pumps section and support material and training videos section.

For more information, visit www.accustream.com or call (651)294-8606.



***Now there are
convertible units
with UHP you can
always count on.***



Convert to 40,000 psi in about 30 minutes — faster for lower pressures.

NLB 225 and NLB 325: 8,000 psi to 40,000 psi

The new-generation NLB 225 and NLB 325 units combine the industry's most dependable UHP water jetting with the broadest pressure range of any convertibles: 8,000 to 40,000 psi.

They're also the easiest units to convert (about 30 minutes), with a low-rpm pump that reduces wear, downtime and operating costs. And if you already own one, you can add UHP with a simple kit!

NLB has more convertible units, more accessories, and more customer support, available at five regional branches. Let us boost your productivity — call us at **1-877-NLB-7988** or visit www.nlbcorp.com.

NLB. The Leader in Water Jet Productivity.



29830 Beck Road, Wixom, MI 48393 • www.nlbcorp.com
MI: (248) 624-5555, TX: (281) 471-7761, NJ: (856) 423-2211,
LA: (225) 622-1666, CA: (562) 490-3277, e-mail: nlbmktg@nlbusa.com

WJTA-IMCAlistServ - A Free Service To WJTA-IMCA Members

The **WJTA-IMCAlistServ** enables you to take advantage of prompt email interaction with your colleagues. **WJTA-IMCAlistServ** is a **FREE** email broadcast system developed by WJTA-IMCA to help you communicate and network with other waterjet and industrial cleaning and vacuuming professionals.

Participation is limited to WJTA-IMCA members in good standing. You must sign up in order to participate. To sign up for the **WJTA-IMCAlistServ**, contact Beth at the WJTA-IMCA office by email: wjta-imca@wjta.org, phone: 314-241-1445, or fax: 314-241-1449.

WJTA-IMCA Welcomes New Members

Corporate

Ameri Force

Jim Worley
Ben Suizemore
9485 Regency Square Blvd.
Jacksonville, Florida 32225-8194
Phone: (904)633-9918
Fax: (904)633-9753

BNM Powerflow Technology

Pvt. Ltd. - India
B.N. Mukherjee
A. Md Mohideen
Dibyendu Banerjee
#45 Leliin Sarani
Kolkata 700013 India
Phone: [91](33)22492268
Fax: [91](33)2413678

Orange Industrial Services, Inc.

Chris Mahawinney
Kevin Knaak
Irish Lockard
1420 Chamber Drive
Bartow, Florida 33830
Phone: (863)519-0831

Corporate Individual

Robert Anderson

PSC
1806 Baker Way
Kelso, WA 98626
Phone: (360)423-0260
Email: banderson@pscnw.com

Individuals

Michael Burkes

Sierra Chemicals L.C.
104 Bison Trail
Aztec, NM 87410
Phone: (505)334-0447
Fax: (505)334-9530
Email: mike.burkes@sierrachemicals.com

Rune Freyer

Professor Olav Hanssensvei 11
Stavanger 4068 Norway
Email: rune.freyer@freyerconsulting.com

Luc Laforge

Water Blasting and Vacuum
Services Inc.
7 Crabtree Avenue
Edmundston, NB E3V 3K5
Canada
Phone: (506)735-6681
Fax: (506)739-5178
Email: wbvs@nb.sympatico.ca

Cortland Love

Galaxie Industrial Services
3711 Star Centre Drive
Canfield, OH 44406
Phone: (330)533-6773
Fax: (330)533-6754
Email: cory@galaxieis.com

David Maddock

8309 Anne Avenue
Bloomington, IN 47401
Email: dmaddock@maddock.us.com

James Newton

Mobile Dredging & Pumping Co.
3100 Bethel Road
Chester, PA 19013
Phone: (610)497-9500
Fax: (610)497-9709
Email: jnewton@mobiledredging.com

Jeremy Wickson

Town of Chestermere
105 Marina Road
Chestermere, AB T1X 1V7
Canada
Phone: (403)207-2807
Fax: (403)204-7681
Email: jwickson@chestermere.ca

WJTA Administration

Chairman of the Board

Bill Gaff
(815)673-3835

President/Jet News Editor

George A. Savanick, Ph.D.
(952)432-7594

Vice-President

Pat DeBusk
(281)680-0660

Treasurer

Larry Loper
(800)289-7447

Secretary

Paul Webster
(281)566-4509

2009-2011 Directors

Greg Galecki, Ph.D.
(573)341-4938

Mohamed Hashish, Ph.D.
(253)850-3500

Hugh B. Miller, Ph.D.
(303)273-3558

Gary Noto
(713)307-2145

Forrest Shook
(248)624-5555

B.T. Steadman
(601)933-4650

John Wolgamott
(970)259-2869

Emeritus Members

Andrew F. Conn, Ph.D.
(410)532-3452

Thomas J. Kim, Ph.D.
(401)874-5991

Thomas J. Labus
(262)245-9702

Fun-Den Wang, Ph.D.
(303)279-9415

Association Managers

Mark S. Birenbaum, Ph.D. • Kenneth C. Carroll
(314)241-1445

Index of Advertisers

A.M. Gatti, Inc.....	www.gattiam.com	pg. 13
Barton Mines Company, LLC.....	www.barton.com	pg. 11
Gardner Denver Water Jetting Systems, Inc.	www.waterjetting.com.....	pg. 7
Federal Signal Environmental Solutions.....	www.federalsignal.com.....	pg. 5
High Pressure Equipment Co.	www.highpressure.com	outside back cover
IGEMS Software.....	www.igems.se	pg. 12
International Waterjet Parts, Inc.	www.iwpwaterjet.com	pg. 19
KMT Aqua-Dyne, L.P.	www.aqua-dyne.com	pg. 15
MaxPro Technologies	www.maxprotech.com	insert
NLB Corp.....	www.nlbcorp.com	pg. 21
QualJet LLC.....	www.qualjet.com	pg. 20
S.M.T.	www.smttool.com	pg. 14
SAMI America.....	www.sami-america.com	pg. 6
SPIR STAR.....	www.spistarvalves.com	pg. 17
StoneAge, Inc.....	www.stoneagetools.com.....	pg. 3
TurtleSkin WaterAmor by Warwick Mills	www.turtleskin.com.....	pg. 9
Vacuum Truck Rentals, LLC	www.vactruckrental.com.....	pg. 16

WJTA-IMCA Order Form for Publications/Products

8-09

Name _____ Member # _____

Company _____

Address _____

City _____ State _____

Country _____ Postal Code _____

Phone # []() _____ Fax # []() _____

Email _____

(to receive shipping confirmation)

Billing Address (if different from above):

Address _____

City _____ State _____

Country _____ Postal Code _____

Payment Method

☐ Check or Money Order payable to **WJTA**
(U.S. DOLLARS ONLY)

☐ PO # _____ (Enclose PO)

☐ Please charge my ☐ MC ☐ VISA
☐ AMEX ☐ Discover

Credit Card # _____

Exp. Date _____

Print name as it appears on card

Cardholder's signature

WAYS TO ORDER

Phone: Call (314)241-1445
and have your credit card
information ready.

Fax: Fill out the order
form with your credit card
information and call our
24-hour fax number at:
(314)241-1449.

Mail: Fill out the order form
and mail with applicable
payment to: **WJTA, 906
Olive Street, Ste. 1200, St.
Louis, MO 63101-1448.**

Online: Go to www.wjta.org
and click on "Online Store."

Shipping and Handling Charges are calculated on a per pound basis that is based on shipping by FedEx Express Saver within the United States or United States Postal Service International Priority Mail for international destinations. When ordering online at www.wjta.org the shipping is calculated automatically. If ordering by fax, phone or mail, contact the WJTA office for a shipping and handling total.

		WJTA Member Price	Non Member Price	
_____ Proceedings CD of The 2009 American WJTA Conference And Expo.....	@	\$ 109.00	\$ 129.00	= \$ _____
_____ Proceedings CD of The 2007 American WJTA Conference And Expo.....	@	\$ 49.00	\$ 69.00	= \$ _____
_____ SPECIAL OFFER - Proceedings CDs of The 2005, 2003, and 2001 WJTA American Waterjet Conferences	@	\$ 19.95	\$ 29.95	= \$ _____
_____ Proceedings CD of The 2005 WJTA American Waterjet Conference	@	\$ 10.00	\$ 15.00	= \$ _____
_____ Proceedings CD of The 2003 WJTA American Waterjet Conference	@	\$ 10.00	\$ 15.00	= \$ _____
_____ Proceedings CD of The 2001 WJTA American Waterjet Conference	@	\$ 10.00	\$ 15.00	= \$ _____
_____ An Overview of Waterjet Fundamentals And Applications, Fifth Edition (2001)	@	\$ 55.00	\$ 70.00	= \$ _____
_____ An Overview of Waterjet Fundamentals And Applications (8/17/03 PowerPoint presentations in printed format).....	@	\$ 30.00	\$ 35.00	= \$ _____
_____ Waterjet Technology: Basics and Beyond (8/21/05 PowerPoint presentations in printed format)	@	\$ 20.00	\$ 25.00	= \$ _____
_____ Waterjet Technology: Basics and Beyond (8/19/07 PowerPoint presentations in printed format)	@	\$ 20.00	\$ 25.00	= \$ _____
_____ Waterjet Technology: Basics and Beyond (8/18/09 PowerPoint presentations in printed format)	@	\$ 20.00	\$ 25.00	= \$ _____
_____ Industrial Vacuum Equipment Seminar (8/18/09 PowerPoint presentations in printed format)	@	\$ 20.00	\$ 25.00	= \$ _____

☐ Waterjet Equipment Recommended Practices. *Specify:* ☐ English Edition or ☐ Spanish Edition

☐ Vacuum Equipment Recommended Practices. *Specify:* ☐ English Edition or ☐ Spanish Edition

Prices below are for Waterjet and Vacuum Equipment
Recommended Practices

1 - 10 copies _____ # of copies	x	\$ 7.00 ea.	\$ 12.00 ea.	= \$ _____
11 - 99 copies _____ # of copies	x	\$ 6.00 ea.	\$ 10.00 ea.	= \$ _____
100 or more copies _____ # of copies	x	\$ 5.00 ea.	\$ 8.00 ea.	= \$ _____

☐ Waterjet Equipment Recommended Practices Video. *Specify:* ☐ VHS Video or ☐ DVD

☐ Vacuum Equipment Recommended Practices Video. *Specify:* ☐ VHS Video or ☐ DVD

Prices below are for Waterjet and Vacuum Equipment
Recommended Practices Video

1 - 4 copies _____ # of copies	x	\$ 49.95 ea.	\$ 99.95 ea.	= \$ _____
5 - 10 copies _____ # of copies	x	\$ 39.95 ea.	\$ 89.95 ea.	= \$ _____
11 or more copies _____ # of copies	x	\$ 29.95 ea.	\$ 79.95 ea.	= \$ _____

Baseball Cap _____ # of caps..... x \$ 7.95 ea. \$ 7.95 ea. = \$ _____

WJTA Decals

5" decals	4 for \$5	= \$ _____
3.5" decals	6 for \$5	= \$ _____
2" decals	8 for \$5	= \$ _____

WJTA Executive Organizer _____ # of organizers x \$ 20.00 ea. \$ 30.00 ea. = \$ _____

WJTA Navy Blue Polo Shirt Size _____ (S, M, L, XL, 2X) _____ # of shirts..... x \$ 33.00 ea. \$ 38.00 ea. = \$ _____

WJTA Medical Alert Cards *Specify:* ☐ English ☐ Spanish

1-10 cards	_____ # of cards.....	x .30 ea.	.50 ea.	= \$ _____
11-99 cards	_____ # of cards.....	x .25 ea.	.45 ea.	= \$ _____
100-249 cards	_____ # of cards.....	x .20 ea.	.40 ea.	= \$ _____
250 or more cards	_____ # of cards.....	x .17 ea.	.35 ea.	= \$ _____

TOTAL ENCLOSED \$

Lower your costs. Not your standards.



At HiP, you get the highest quality valves, fittings and tubing without the price premium.

HiP can help you achieve the gold standard for dependable high pressure performance without breaking the bank. We offer a full line of quality valves, fittings and tubing ranging from 10,000 psi to 150,000 psi, including our 40,000 psi components designed for high flow waterjet applications.

Delivery? At HiP, we understand that on-time delivery doesn't mean soon, it means now. That's why we maintain an extensive inventory of our core products, ready for next day shipment. And we offer short lead times for a variety of special orders, including custom manifolds.

So if you're looking for the gold standard in high pressure, go to the company that's named High Pressure...HiP.

HiP... our name is High Pressure

*To find out more, come see us online at
www.highpressure.com
or call 1-800-289-7447*

**High Pressure
Equipment
Company**



ISO 9001
CERTIFIED