



## Serimer Dasa's dual torch external welder continues to meet pipeline industry needs

With Serimer Dasa's STX 05 welding system all limited values can be pre-set and programmed by the technician to permit the welder to control a variation of the parameters within the specified welding procedure.

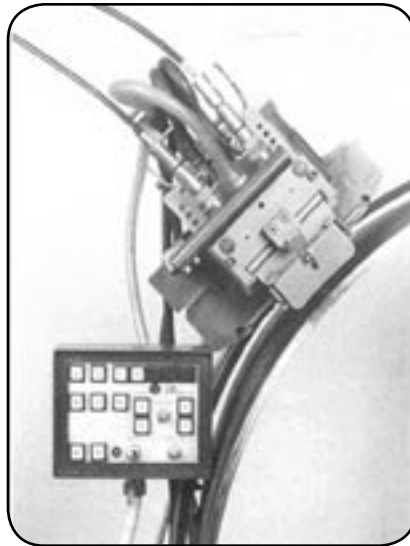
It uses an all external welding approach that is both simple and reliable. The system uses an external root pass with typical pneumatic internal clamp equipped with copper support shoes.

The system has rigid guide band with gear-type drive that prevents slipping on the band; dual travel motors for added reliability; dual torches that are isolated from each other.

Both torches oscillate at a pre-determined width and rate and

the system is equipped with a pressure-sensor to stop the welding should gas pressure drop below a pre-determined amount.

Contact the company's Houston, TX office at 832.230.2700.



## Caterpillar's global dealership poised for surge

Members will recall the announcement in our May issue of the formation of PipeLine Machinery International to service CAT dealers worldwide.

The latest news from Mel Ternan, the company president and a director of PLCAC, is that it's gearing up for record activity in the mainline construction industry.

Its inventory of pipelayers has been active and fluid with approximately 150 units on hand and dozens more on order.

Traditional units - about one hundred dozers and excavators also revolve through inventory with rentals and sales keeping the equipment list evolving.

A fleet of welders, pipeline accessories and attachments also form part of the inventory.

A revolutionary vehicle, the XT850, from Ditch Witch

This cross between the company's SK (mini skid steer) and the MX (mini excavator) is an excavator/tool carrier with options that include trailer, stands and enough



attachments for any underground construction task. Call the company toll free at 800.654.6481 or visit [www.ditchwitch.com](http://www.ditchwitch.com)

Much of Ternan's time is devoted to the challenges of facing a borderless Caterpillar dealership. Staging, shipping and forecasting worldwide requirements for machines are involved and with the new division - Caterpillar Global Pipeline - the company strives to meet the needs of customers, especially where to locate equipment and support. Members can reach the company through: tel:780.930.8571; fax:780.930.8516; cell:780.446.1979

# Proline bends X120 pipe in sub-zero conditions



In January of last year Proline Pipe Equipment Inc. made Canadian pipeline history. It was asked by TransCanada PipeLines along with ExxonMobil to bend some of the highest-grade steel linepipe in the world. It was NPS 36in. x 16mm wall thickness X120 grade.

Proline's model BM3242 hydraulic pipe bending machine fitted with a 36in. urethane-lined bending set and using a model BWH34 36SC hydraulic self-powered bending mandrel were used for the job. A total of 36 field bends were installed in the X120 section of the line. In addition,

an experimental bend was made at the maximum curvature allowed by the codes (6.5deg. for the section bent.) This was carried out at -45C with no difficulty.

The aspect of this test was the experimental X120 being field bent for the first time.

The temperature played a real part because it was typical of the conditions experienced in the winter months.

Company contact: Gerry VanderMeer, sales manager, 780.465.6161. E-mail: sales@proline-global.com

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## Hub adds new CAT grader to its rental fleet

A late model CAT 16H grader is now available from Hub Equipment for rental.

This unit has a powerful 285hp engine, a 16ft. moldboard and a rear ripper.

Tom Stevenson, Hub's president, anticipates significant mainline work in the next 16 months. He is adding a second CAT 16H to the fleet with delivery scheduled for later this year.

Contact him at 416.236.5444; E-mail: tom@hubequipment.com



New management team now in place at Ozzie's Since acquiring Ozzie's Pipeline Padder, Inc. Robert Dunstan, president and CEO has reformed the company and moved it to a new location in Arizona.

It is now at 7120 West Sherman Street, Phoenix, AZ 85043. Tel.: 480.585.9400; Fax: 480.585.7977.

For sales and business development send to info@ozzies.com at the company's main office in Phoenix, or to its Houston, TX office - greg.charney@ozzies.com.

Since Ozzie's was acquired by ESI Energy Services Inc. in August 2003 the company has: rebuilt the domestic management team; closed down the Dortmund, German, operation; arranged to service international customers from Phoenix and Adelaide, Australia; exited the manufacturing business and refocused its efforts on the servicing and maintenance of its padding machines.

Ozzie's currently maintains a fleet of 15 OPP-300 padding machines as well as 11 OPP-200 and a fleet of 12 mini-padding machines.



Its rebuilt management team, see photo, is from left to right: Amy Cwick, controller; Teresa King, AP and HR; Tom Saraukas, chief operating officer; Robert Dunstan, president and CEO; Greg Charney, business development and sales; Charlie Sims, domestic operations; Randy Terry, operator foreman.

# Pipeline integrity offered with UT Scan inspection tool

With its Automated Ultrasonic Testing tool, UT Quality Inc. provides a quality assurance system that incorporates the most advanced AUT multi-probe technology, phased array technology and TOFD functions.

Its unique approach uses fully integrated data management process to record, manage and archive the complete inspection process. With some 20,000 km of experience in the field of pipeline testing, UT Scan offers flexibility of system use between mainline, tie-ins and different wall thicknesses with no costly delays.

It offers the advantage of process-

control, as welds can be inspected more quickly. Its Pipeline Weld Tracking Tool - "Plus Weld" automatically collects all AUT process parameters and weld testing results at the conclusion of the inspection.

Other advantages of UT Scan includes its ability to detect depth of relevant flaws, especially lack of fusion and slag inclusion. AUT has proven advantages over radiographic testing for pipeline girth weld inspection and does not interfere with 'right of way' as the latter method does.

UT Scan is adaptable for inspection of a wide variety of weld



profiles, geometries and wall thicknesses.

A recent member of PLCAC, UT Quality Inc. is located at 6823 - 104 Street, Edmonton, AB.

Readers are invited to call the company at 780.438.3005 or visit [www.utquality.com](http://www.utquality.com).

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## Strongco adds new Volvo excavator

A powerful, new 70-ton excavator from Volvo will be available early next year, says Strongco Equipment of Mississauga, ON.

Known as the Volvo EC700B, it is equipped with the largest-capacity engine in its class - the Volvo



D16C ERAE3 - with an output of 464 gross hp at 1,800 rpm.

The engine will be the new Tier 3-compliant Volvo Advanced Combustion Technology (V-ACT) power system that is matched with Volvo hydraulic systems. Contact the company at 905.670.5100; Website: [www.strongco.com](http://www.strongco.com)

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## Caterpillar's GPS Grade Control System

Known as AccuGrade, this high technology machine control and guidance system allows operators to grade with increased accuracy without the need for survey stakes. In-cab guidance features and automatic blade controls help achieve grade faster.

With its Global Positioning System technology and components the system determines blade posi-

tioning with centimeter-level accuracy.

Two GPS receivers with integrated antenna receive satellite signals that define the horizontal and vertical position of the blade. The broadcast frequencies work in all weathers and conditions. The system is integrated with the machine's electronic and hydraulic systems for optimum blade response time

and maximum control.

The major Caterpillar dealer in Saskatchewan, Kramer Ltd., with locations in Regina, Swift Current, Estevan, Saskatoon, Tisdale and, most recently, Kindersley, offers this advanced system.

Readers can reach Rob Schaffer, manager/Pipeline Division at 306.545.3311; Fax: 306.949.6249

## New logo for CRC-Evans



Early in the summer CRC-Evans Pipeline International Inc. unveiled its new logo that maintains elements of the old while conveying the forward-looking philosophy that drives it today.

## CAT's ACERT technology reduces emissions

With better control of the combustion process, Caterpillar's ACERT technology is a proven advancement says Atlantic Tractors & Equipment Ltd. of Dartmouth, NS.

It provides advanced electronic control, multiple injection fuel delivery and superior air flow management.

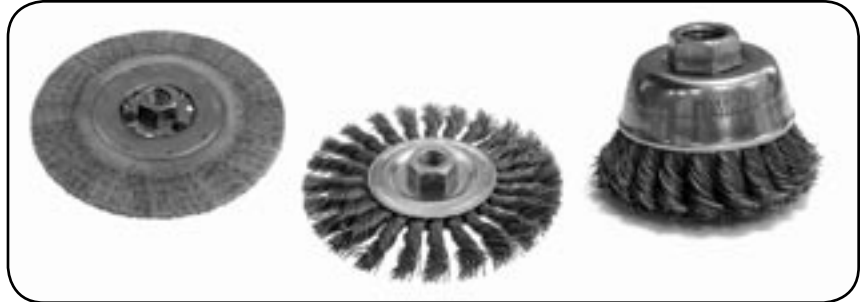


The 345C hydraulic excavator with a C13 engine offers a 21% greater displacement and runs at 10% lower speeds. The technology has racked up over 130,000 hours of testing on the job. Contact the company at 902.468.0581.

## Osborn brushes claimed to outlast others by average of 20%

Made of carbon steel wire, these Osborn brushes for pipeline and welding applications, are said to cut more effectively and last longer.

The high-speed small grinder brushes are designed to meet the needs of welding professionals. They have thicker, heavier face plates for increased strength and



The company's knot style wheel brushes offer high flexibility and can be mounted both vertically and horizontally and are compatible with many hand-held tools. For more aggressive action a stronger bead brush or TY encapsulated brush is recommended.

taller nuts for more wrench surface and vibration reduction. The cup brushes have an increased MSFS to 14,000 RPM for compatibility with newer power tools. Contact: Art Varvoutis, business development manager at 1.800.720.3358 or [Avarvoutis@Osborn.com](mailto:Avarvoutis@Osborn.com)

## It's the Ultimate SPY says Pipeline Inspection

The company is referring to its next generation SPY 780 and 790 holiday detectors that feature improved control, faster set-up, smoother operations and proven reliability.



To test film coatings, the company recommends model 780. For a

wider range of coatings including most coal tars, extruded and tape coatings, as well as extra thick and somastic coatings the recommendation is to use the model 790.

When you combine the greater comfort and time-saving features with reliability offered by these new SPY products, Pipeline Inspection claims they are significant advances.

For more information from the company's Houston office, call 713.681.5837. Complete product line can be viewed on the internet at [www.picltd.com](http://www.picltd.com)

Reproduction of material is encouraged, please acknowledge the association's newsletter.

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