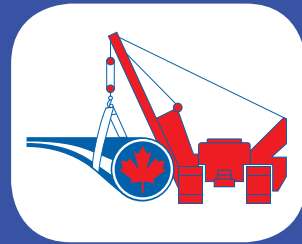


# CANADIAN Pipeliner

THE NEWSLETTER OF THE PIPE LINE CONTRACTORS ASSOCIATION OF CANADA



SEPTEMBER 2006 VOL.21 #4

## PowerTech's PicBucket, 2000 Productive power for more profitability

With its PicBucket percussion bucket 2000 series, PowerTech Corporation claims it has made a major technological breakthrough in excavation, demolition and compaction work.



It combines the power of a hydraulic hammer with the manoeuvrability of a conventional bucket, delivering significant productivity gains and reduced work-site costs. Because of its bucket-hydraulic hammer combination, excavation work, trenching and demolitions can be completed more rapidly. The PicBucket's percussion power allows the excavation of all soil types and the demolition of cement and asphalt. The design of the bucket's tool holder allow for materials to be broken up from any angle.

## Three machines in one!

Expanding its line of compact utility equipment, The Charles Machine Works, Inc., makers of Ditch Witch underground construction equipment, has introduced the new XT1600 excavator-tool carrier.

The XT1600 is a ride-on unit that features a 260-degree excavator sweep that enables the operator to dig in multiple positions in confined spaces, including offset digging along walls, fences and buildings.

It features an equalizer track sys-



Designed to perform the work of three machines - a backhoe loader, a mini excavator and a compact track loader, it is equipped with a 59-hp diesel engine.

Designed for 6 to 10-ton backhoes and excavators, the easy-to-install attachment reduces operation time and equipment maintenance as well as lowering transportation and storage costs.

The 2000 series is available in 12

tem that gives a smoother ride, easier loading and unloading and reduced operator fatigue.

Readers can call 800.654.6481 or visit [www.ditchwitch.com](http://www.ditchwitch.com).

-inch or 24 inch bucket versions. Interested readers can reach Yves Sicotte, vice-president, sales and marketing, PowerTech Corporation Inc. at 450.963.6400, Fax: 450.963.6411 or through [yves.sicotte@powertechci.com](mailto:yves.sicotte@powertechci.com).

### Cat pipelayers designed for Canadian needs

Introduced this year, the 587T and the 583T (illustrated) pipelayers represent a new size class in the Caterpillar line.

Lift capacities are 91,625 kg for the 587T and 63,504 kg for the 583T. Both models have new operator stations that allow excellent visibility and one-handed steering gear selection.

These models are available with a factory-installed Cab and optional Roll Over Protection Structure (ROPS) that provide



additional protection for the operator. Equipped with a heater and air conditioning, a cold weather arrangement option is available for use in extremely cold climates.

These new pipelayers use a Cat C15 engine with ACERT technology that combine improvements in fuel delivery, air management and electronic control.

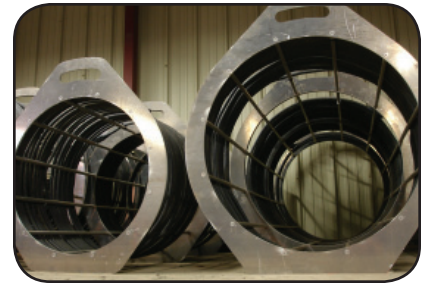
For more information contact Pipeline Machinery International ([www.plmcat.com](http://www.plmcat.com)), your local Cat dealer or the Cat web site at [www.cat.com](http://www.cat.com).

### Previously unobtainable levels of blast control achieved with i-kon Digital Energy Control System

Precision timing and flexibility are what makes the i-kon Digital Energy Control System so effective. The electronic blasting hardware consists of a detonator, a logger (delay programming) and blasters 1600 and 400 (high security firing system).

It also includes the SHOTPlus - 1 blast design software.

The system uses the latest design chip technology and is programmable in-hole from 0 - 15,000 milliseconds in 1 millisecond increments. The system hardware and software are fully self-testing. For further information on this product call 1.303.268.5000 or check Orica's website: [www.i-konsystem.com](http://www.i-konsystem.com).



### CRC-Evans introduces the Demag Tool

This steel pipe demagnetizing tool is designed to remove magnetism introduced into the pipeline by in-line inspection tools, overhead power lines, etc. It reduces construction costs by speeding the process for removing magnetism from weld areas.

Lightweight, portable and pipeline tough, the Demag Tool has been field-tested on major projects throughout North America.

Contractors are urged to contact Don Robertson at CRC-Evans Canada Ltd., 2005 - 80 Avenue, Edmonton, Telephone: 780.440.2005.

Telephone: 780.440.2005.

Fax: 780.440.4952.

E-mail: [crc@planet.con.net](mailto:crc@planet.con.net)

## OBITUARY

### Russel Currie Scrim

A longtime member of PLCAC who served as president in 1968-69 and again in 1973-4, Russel Scrim died last month at age 88 at Lachine, Quebec.

Russel became involved with the construction industry with Beaver Construction Group of Montreal. He served as president and chairman until it ceased operations in 1992. He was also president of the Montreal Automobile Association, the Kiwanis Club and the Royal St. Lawrence Yacht Club



of which he was Honorary Life Commodore.

He will be fondly remembered by delegates attending recent annual conventions of the association for his enthusiasm and friendliness. After a quarter century absence he started reattending the convention at the age of 82.

The family has requested that in lieu of flowers donations be made to the Russel Scrim Memorial, Junior Sailing at Royal St. Lawrence Yacht Club, 3150 Lakeshore Drive, Dorval, Quebec H9S 2E3.

## Vermeer's D300x500 a power-packed performer



Designed for mobility and transportability, the Vermeer D300x500 NAVIGATORE HDD meets the needs of larger drilling contractors.

It integrates the power pack, operator's station and crane with a rack and pinion design to offer 50,000 ft-lb (67,791 Nm) of rotary torque and 300,000 lb (136,077 kg) of thrust and pullback capability.

Designed to decrease support equipment and increase operator efficiency, all functions, including transport, drilling controls, crane and drilling fluid controls, are

operated from the operator's station. The unit's rack accepts drill stem up to 34 ft (10 m) in length and upset diameters up to 10 in (25 cm). The firestick drill stem in 30 ft (9 m) sections is optional with the unit.

With input from large contractors in the industry, the D300x500 meets the need for increased flexibility and ease of transportation, this is an ideal entry machine into larger drilling markets.

Contact: Dianne Elder, the marketing department, at 641.621.7592. The Fax number is 641.621.7773.

## 1,200 attend Calgary International Pipeline Conf.

It was a high quality meeting at which representatives from over 30 countries presented 300 plus papers in twelve technical tracks. Held at the TELUS convention centre from 25-29 September, it included tutorials from 18 experts in their specific fields and participation in the Student Paper Competition from students from around the world.

Chairman of the event was Art Meyer, senior vice president, major projects, Enbridge Pipelines Inc. The vice chairman was Carlos Tadeu da Costa Fraga, executive manager, PETROBRAS R&D in Brazil.

Among the speakers at the conference were Kathy Sendall, senior vice president, North American Natural Gas, PetroCanada and chair of the Canadian Association of Petroleum Producers (CAPP), and Phil Hopkins, chairman, ASME Pipeline Systems Division and a technical director of Penspen Ltd., in the United Kingdom and professor, University of Newcastle, UK.

# Prevent corrosion of girth welds with Protal 7200 liquid epoxy pipeline coatings

Contractors can backfill at a faster rate when they use Protal 7200 on girth welds.

Because of its extremely fast curing and excellent cathodic disbondments results, Denso North America Inc. claims its product is the coating of choice for push-rack applications.

This two-part 100 per cent solids epoxy coating can be applied with a brush or roller in one coat up to 40 mils.

By preheating the surface up to 180F (82C) the coating can be cured in just 15 minutes, allowing the pipe to be holiday tested and pass over the final rollers on the push rack system.



Another benefit claimed is the high impact and abrasion resistance for directional drilling applications.

The product also exhibits excellent adhesion properties and is

environmentally safe.

Readers may obtain a free DVD training video by calling 1.888.821.2300.

Call the Toronto office for information by calling 416.291.3435.



## High efficiency with Tesmec's new 3-speed trencher

The new 1175XHD hydraulic machine allows the operator to trench at the slowest full power digging attachment speed and 'shift on the fly' to the highest digging attachment speeds to maintain high productivity in varying materials.

When configured with the chain-saw module it is capable of

trenching in hard rock up to 42 in. widths and 12 ft. depths. The 1175XHD bucket module configuration is capable of high productivity pipeline trenching up to 54 in. widths and 9 ft. depths.

Tesmec USA, Inc. can be reached at Alvarado, Texas, at 817.473.2233; Fax: 817.473.9742.

## Brandt Tractor releases the D-series excavator

The new D-series excavators, from 24 to 85 metric tons, are bigger, tougher and more powerful in horsepower and beefed-up undercarriages. They also boast faster hydraulics, best-in-class metering and superior digging force for bucket fill. The new fuel efficient Tier-III-certified D-series gives productivity worth bragging about.

The hydraulically-driven cooling fan is thrifty, running only as needed for efficient cooling.

Extended service intervals keep the reins on daily operating costs.

These excavators feature improved all-round visibility and quieter more spacious cabs.

For more information contact one of Brandt's 21 locations 1.888-2Brandt. [www.brandttractor.com](http://www.brandttractor.com).

## John Deere D-series excavators set productivity standards

To get more done at less cost on earthmoving and material handling jobs, the new John Deere series of excavators - 240D, 270D, 350D, 450D, 650D and 850D offer significant improvements - faster hydraulics, undercarriage improvements, new cooling system and a redesigned cab.

"They deliver power, smoothness, ease of operation and comfort, said Mark Wall, the company's product marketing manager.

Key to the D-series' enhanced productivity is the faster hydraulic system, that boosts productivity by up to eight percent. "Improved hydraulics ensure faster digging and more work per hour," Wall says. "Drawbar pull, swing torque, lift capacity and arm force have improved significantly as well."



Like the C-Series machines before them, the D-Series are tough, reliable and economically smart to run. With the best productivity

available there is a machine to fit every excavating application.

Contact: 905.945.9281; Fax 905.945.1267; [www.deere.com](http://www.deere.com).

## Comstock Canada appoints Del Hepfner

News from Geoffrey Birkbeck, P. Eng, chief executive officer with Comstock Canada Ltd., is this month's appointment of Del Hepfner, P. Eng to the position of vice-president, Pipeline Group.

Reporting directly to Bob Quinn, president and chief operating officer of the company. Del will be responsible for all bidding and execution of mainline pipeline projects. In addition he will be a key participant in the company's pipeline facilities construction team.

With over nine billion dollars of planned pipeline work over the next five years, Del's Pipeline Group will be an important part of his company's future.

## Versatility key to Proline's Buckeye 9200 wheel trencher

By coupling the Buckeye's 9200 hydrostatic drive to a power shift transmission, operators can make speed changes from 0 to 30 KPH road speed without the need for stopping and pushing in a clutch. This allows for better speed control while trenching and for moving the machine without the need for a truck and trailer. Electric over hydraulic excavator type controls are located within the operator's reach.

With fully air conditioned and heated cab, this heavy duty rubber-tired wheel trencher has a hydrostatic wheel drive with two hydraulic motors to drive the wheel. For more information contact: Proline Sales Department at 780.465.6161.



## Change at Coneco

This subsidiary of Komatsu Canada, operating in Alberta and north eastern British Columbia, has merged with Terratech Equipment, a Komatsu subsidiary that functions in BC, Saskatchewan, Manitoba, and western Ontario.

Coneco is located at 16116 111 Ave., Edmonton, AB T5M 2S1.

Bart Boos is the company's manager of Oil, Gas and Pipeline Industries.

## HydraMaxx Trencher now available through CRC-Evans

CRC-Evans Canada was recently appointed as the Canadian dealer for Port Industries of Palmyra, Missouri.

This company designs, manufactures and distributes a wide variety of wheel and chain trenchers, self-contained plows and accessory equipment, including lasers.



Shown above is the HydraMaxx model 2450P Pipeline Wheel Trencher.

For more details contact Don Robertson, CRC-Evans Canada Ltd., Edmonton, AB. Telephone: 780.440.2005

## ACTION DATES

2006

### 24-29 SEPTEMBER

International Pipe Line & Offshore Contractors Association  
40th Annual Convention  
Hotel Arts Barcelona  
Barcelona, Spain  
Contact: Luc Henriod  
Geneva, Switzerland  
+41-22-306-0230 www.iploca.com

### 25-29 SEPTEMBER

The International Pipeline Conference  
The Hyatt Regency, Calgary, AB  
Contact: www.InternationalPipelineConference.com

### 26-28 SEPTEMBER

The International Pipeline Exposition  
The TELUS Convention Centre,  
Calgary, AB  
Contact: www.petroleumshow.com

## New sideboom attachment developed by Midwestern

When attached to a D8N high drive tractor a newly designed sideboom by Midwestern Mfg. converts the machine from a dozer to a pipelayer capable of lifting 140,000 lbs at a 4 foot boom extension.

This is equivalent to the lift capacity of a 683K and 583R Caterpillar pipelayer.

This development enables the high drive tractor to be converted into a safe and efficient hydraulic pipelayer with excellent visibility to the tracks and load hook.

Contact Scott Jeter, sales mgr. 918.446.1587, sales@sidebooms.

## Ditch Witch ALL TERRAIN option now available

The JT4020 All Terrain horizontal drilling system offers rock-drilling capabilities unique to its size class.

A mechanical dual-drive system has a 40,000-pound (180kN) model that allows effective drilling through solid and broken rock,

cobble and rock mixtures without a mud motor or auxiliary system. Without the option, the JT4020 features Ditch Witch Mach 1 technology and is an excellent general purpose machine.

Call Ditch Witch at 800.654.6481



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

Contributors are invited to send material to:

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E-mail: [plcac@pipeline.ca](mailto:plcac@pipeline.ca) Website: [www.pipeline.ca](http://www.pipeline.ca)