

HEAVY METAL

THE LATEST NEWS FROM PETTIBONE HEAVY EQUIPMENT GROUP



07

CHANGE IS COMING TO CONEXPO
NEW LEADERSHIP
TIER 4 FUEL TIPS



WHAT: ARDCO AMT
WHERE: BOOTH N-11541
WHEN: MARCH 7-11

CHANGE IS COMING TO CONEXPO IT'S TIME TO ADAPT WITH THE ARDCO AMT

CONEXPO-CON/AGG 2017 will mark the official worldwide introduction of ARDCO's new Articulating Multi-Purpose Truck (AMT). The AMT 600 model will be on the show floor at booth N-11541. If you're heading to Las Vegas for the show March 7-11, please stop by to check out this beauty!

This AMT is a new generation production machine. It follows in the proud tradition of ARDCO's renowned K 4x4 and K 6x6 off-road transportation platforms, but offers an entirely different level of application adaptability.

With the ability to customize attachments to suit any work environment, the AMT will be especially valuable for construction, oil and gas exploration, pipeline maintenance, and practically any other task ... whether working in a city or traveling to extreme off-road jobsites.

Adaptable to numerous applications, the powerful and rugged AMT is highlighted by a convenient, easy-to-use universal attachment system that is designed to accept a wide array of equipment. End-users and rental operators can simply remove one attachment from the machine's modular platform and add another when needed.

Available configurations include a flat bed, water tank, fuel tank, pipe trailer, service and lubrication bed, utility bed, dump bed, personnel carrier, and several custom solutions depending on exact end user needs.

Multiple tire choices – tractor, construction, terra or sand – and other custom options help further adapt the machine to various work conditions. An optional track system is also in development.

The AMT can navigate difficult terrain and work in any environment, including construction, desert, forest, mountains, arctic, swamp and railroad. A newly designed front end offers the driver panoramic visibility to enhance safety when transporting personnel or supplies to off-road locations.

The AMT is ideal for hauling fuel, water, supplies, dirt, people and much more. It has a top travel speed of 23 miles per hour and features an extra-heavy-duty center pivot trunnion with approximately 20 degrees oscillation between the front and rear frame.

The 6-wheel-drive AMT 600 delivers a maximum payload of approximately 45,000 pounds, depending on attachment, application and tires. Meanwhile, the 4-wheel-drive AMT 400 offers a maximum payload of capacity of 28,000 pounds.

See the AMT in Vegas, or visit www.ardcomfg.com for more information.



NEW PRESIDENT: JOEL LARSEN

Barko has hired Joel Larsen as its new president. Prior to joining Barko, Joel held various senior leadership roles in the industrial and manufacturing sector with Ford Motor Company, BP and most recently with Navistar International. He holds an MS degree from the University of Wisconsin and an MBA from the University of Michigan.

"It's a very exciting time in the forestry market, and I'm proud to be joining Barko, a proven industry innovator," said Larsen. "Our team is committed to producing the highest performing and most durable machines for loggers and land clearing professionals. I look forward to leading the charge as we work to deliver solutions for improving operator comfort and increasing uptime and efficiency."



NEW VP & GM: SCOTT RAFFAELLI

Scott Raffaelli has been named the new vice president and general manager of Pettibone. Scott has held previous roles over the past seven years – including vice president and director of manufacturing and continuous improvement – for the Pettibone Heavy Equipment Group. Before that he spent six years in the aerial work platform division of Terex Corporation. He has a BS degree in mechanical engineering from Michigan Technological University.

"It's an honor to be taking the reins at Pettibone," said Raffaelli. "Our goal is to continue to carry on the legacy that Pettibone has established with its material handling products for over 135 years, while continually improving our internal processes and striving to provide innovative and high-value solutions for our customers."

BARKO TO EXHIBIT 930B INDUSTRIAL WHEELED TRACTOR AT CONEXPO



WHAT: BARKO 930B

WHERE: BOOTH N-11541

WHEN: MARCH 7-11

Visitors to CONEXPO in Las Vegas can see the Barko 930B Industrial Wheeled Tractor at booth N-11541.

The 930B provides consistent performance for land clearing and right-of-way maintenance, in addition to many other large commercial and municipal applications.

The tractor is powered by a 320-horsepower Cummins QSL9 Tier 4 Final diesel engine with SCR aftertreatment. The unit includes a high-capacity anti-clog radiator with

auto reversing fan, and a 127-gallon fuel tank allows for longer operating intervals.

Unlike loop systems that waste fuel, Barko's load sensing hydraulic system automatically adjusts attachment performance according to the load, resulting in greater productivity and higher efficiency.

With pressure ratings up to 5,000 PSI, a high-flow hydraulic pump produces 91 gallons per minute to deliver far more horsepower to the attachment than many

comparable machines. High-capacity oil cooler and variable displacement piston pumps keep hydraulic oil cool to maximize service life. A high-pressure 20-micron return filter helps prevent debris from damaging pumps and valves.

A 45-degree articulation joint withstands extreme stress and tough terrain, while the machine's maneuverable design provides a turning radius of 15 feet, 9 inches to allow work in tight spaces. A hydrostatic transmission with two-speed transfer case allows for controlled operation speeds and travel speeds up to 12.2 mph.

Durably constructed, the 930B features weld blending and engineered sweeping curves to

provide added strength and increased fatigue resistance. High-strength hydraulic cylinders with bolt-on glands are durable and easily serviceable. A variety of cover plates, guards and seals help prevent debris from getting into the machine.

Barko's exclusive Quick Attach system allows for fast attachment changes.

While often used with mulching heads, the tractor can also be fitted with many other common attachments, such as rotary mowers, soil stabilizers, stump grinders, root rakes, rock crushers, loader buckets, snow plows, sweepers, and more.



PETTIBONE WILL DISPLAY EXTENDO 944B AT CONEXPO



Pettibone's premium lineup of telehandlers will be represented by the Extendo 944B in booth N-11541 at CONEXPO.

Equipped with industry-leading hydraulics and designed for efficient operation and simplified serviceability, the Extendo 944B telehandler offers exceptional lift capacity and reach for a wide array of material handling applications.

The 944B is powered by a fuel-efficient, 117-horsepower Cummins QSF 3.8 Tier 4 Final turbo diesel engine, featuring electronic control and protection with SCR aftertreatment. A Parker IQAN-MD3 display provides instant engine and aftertreatment diagnostics. The unit's market-proven Dana T12000 Powershift series transmission offers three speeds, forward and reverse, and is complemented by a heavy-duty transmission cooler.

Delivering a maximum load capacity of 9,000 pounds, the 944B provides forward

reach up to 30 feet, 3 inches, and a maximum lift height of 44 feet, 4 inches. Single joystick, pilot operated controls allow for smooth control of all the Extendo's boom and auxiliary hydraulics.

For operation in tight areas, the 944B offers 4-wheel, 2-wheel and crab steering modes and has a turning radius of just 14 feet 1 inch. The unit is powerful, yet compact enough to fit under an 8-foot doorway.

The robust design of the Extendo features two wide-stance, heavy-duty lift cylinders with innovative automatic fork and load leveling that eliminates the need for slave cylinders. To further improve load stability, the 944B offers 24 degrees of frame sway (12 degrees left and right of center) and is equipped with a rear axle stabilization system.

Service access doors allow users to remove only the front half of the enclosure to perform daily engine and transmission fluid checks, rather than the entire cover.

A battery disconnect switch is standard and accessible from the cab. Formerly an option, a cab step has been added as a standard feature, allowing the operator to more easily climb into and out of the machine.

The cab itself is built to provide outstanding visibility at any boom position. Engineered with comfort in mind, the Extendo also comes with an adjustable suspension seat and adjustable right-side armrest.



WHAT: PETTIBONE 944B

WHERE: BOOTH N-11541

WHEN: MARCH 7-11

ONE-STOP SHOPPING FOR BARKO FILTERS

Engine oil and hydraulic oil are the lifeblood of a machine. Keep your vital fluids clean and operation ready by knowing your machine's service requirements. On Barko equipment, maintenance must be done every 400 hours for Tier 3 machines and 500 hours for Tier 4 machines.

Barko has made it easy to understand which parts need to be serviced by including all items bundled together in a single Uptime Kit. These kits include:

- » Engine Oil Filter
- » Engine Fuel/DEF Filters
- » Engine Air Filters
- » Hydraulic Filters & O-Rings

Don't let your filters result in excessive wear and early failures. Instead, ensure that they're some of the most inexpensive parts you ever buy from your dealer.

PROTECT YOUR TIER 4 ENGINE

Fuel quality is critical for Tier 4 engines, which feature precise components and high pressure fuel. This requires cleaner fuel and better filtration to maintain expected performance, fuel economy, and component life.

Fuel standards alone can't ensure your fuel is clean enough. Today's Ultra-Low Sulfur Diesel contains less sulfur and has different qualities than past diesel fuels. This can allow for bacteria and fungi to grow that can contaminate your fuel system and may even shut you down. Be aware of the average shelf life on fuel and ensure your supplier uses best practices for storage, distribution and handling. You should also clean your fuel handling systems, use the proper filtration, and test fuel samples regularly.

The best way to ensure clean fuel on your machine is to completely understand manufacturer guidelines. The Pettibone Heavy Equipment Group advises keeping a maintenance log with your inspection, cleaning, and filter interval changes.

Source: Association of Equipment Manufacturers

**PIONEER
EQUIPMENT**

DEALER PROFILE

Barko Hydraulics has added Pioneer Equipment Company to its dealer network for all forestry equipment product lines. Located in Rhinelander, WI, and Gaylord, MI, Pioneer will carry Barko equipment for Wisconsin and Michigan.

"Pioneer Equipment is a terrific addition to the Barko team," said Alecia McKay-Jones, Dealer Development Manager for Barko. "Pioneer has an outstanding reputation for delivering quality products and providing timely service, and we expect these assets will serve our partnership well as they work to expand Barko's presence in the Great Lakes region."

Pioneer Equipment Company was founded in 2008 by co-owners Dan Linsmeyer and Steve Ory. Drawing on their vast industry experience, the owners built a new sales and full-service maintenance facility in 2009 and have gradually expanded their product offering, increased support staff, and added service trucks.

Pioneer will carry the full line of Barko forestry products, including harvesters and feller bunchers, loaders, industrial wheeled tractors, and biomass chippers.

"We are looking forward to teaming up with Barko," said Ory. "We're already seeing a lot of interest in the mid-size tracked harvesters and feller bunchers, which will nicely complement our larger harvesting machines. With our expertise and Barko's technical support, we're hoping to sell a lot of product and supply superior service to all existing and new customers."

SEE US AT THESE UPCOMING EVENTS

Attendees at the Associated Equipment Distributors (AED) Summit in Chicago were able to see the new ARDCO Articulating Multi-Purpose Truck (AMT), which will get its official launch to end-users at CONEXPO. Pettibone and Barko will also be represented at CONEXPO with the Extendo 944B telehandler and 930B industrial wheeled tractor, respectively. Then Barko will add a new event to its schedule this year, visiting with truck equipment distributors about Barko's back of cab loaders at the NTEA Work Truck Show.

ALL HEG ■ ■ ■



March
7-11
Las Vegas, NV

Barko ■



March
15-17
Indianapolis, IN

Pettibone ■



April
22-25
Grapevine, TX

ARDCO & Pettibone ■ ■



June
13-15
Calgary, Alberta



AN AFFILIATE OF THE HEICO COMPANIES

HEAVY EQUIPMENT GROUP

PETTIBONE, LLC - HEAVY EQUIPMENT GROUP

One Banks Ave.
Superior, WI 54880

P: 715.395.6700
www.pettiboneheg.com

ARDCO EQUIPMENT DEALERSHIP OPENING IN LOUISIANA

Established in 1955 in Lafayette, Louisiana, ARDCO is now expanding beyond its manufacturing and rental operations to bring a new dealership to customers in Louisiana and Texas: ARDCO Equipment.

Based in New Iberia, Louisiana, the dealership will focus on equipment sales, rentals and service of machines for construction, oil and gas, forestry, material handling and more. Off-road equipment brands represented will include ARDCO, Pettibone and Barko, as well as Yanmar and Prinoth.



UNVEILS NEW LOGO DESIGN & WEB DOMAIN

In conjunction with the launch of its next generation Articulating Multi-Purpose Truck (AMT) to replace the long-standing K model lineup, ARDCO has freshened up its corporate look as well with the introduction of a new company logo. The new design can already be found on all printed marketing materials and on the ARDCO website, which has a new web address at www.ardcomfg.com.



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