

HEAVY METAL

THE LATEST NEWS FROM ARDCO, BARKO, & PETTIBONE



10

BACK IN STYLE: PETTIBONE TRAVERSE
BARKO HARVESTER USERS AT WORK
IN PRINT: ARDCO AMT



BACK IN STYLE

THE TRIUMPHANT RETURN OF TRAVERSE

The new Pettibone Traverse T944X is the industry's only telehandler with an extendable, traversing boom that moves loads by traveling horizontally. Up to 70 inches of horizontal boom transfer allows users to precisely and safely place loads at full lift height through tight openings without having to coordinate multiple boom functions.

With the Traverse, the specified lift height of 44 feet, 6 inches is the same as the landing height. This stands in contrast to a traditional fixed boom pivot, where the true landing height is generally several feet less than advertised lift height, as operators must account for withdrawing the forks out of the

load with enough rearward travel for the fork tips to clear the landing zone.

The T944X builds upon Pettibone's traditional rock-solid design, delivering the same ruggedness and dependability while providing several new design enhancements.

The telehandler is powered by a 74-horsepower Cummins QSF 3.8 Tier 4 Final diesel engine that features a DOC muffler and requires no diesel exhaust fluid (DEF). The side pod engine offers easy service access while allowing excellent curbside visibility and ground clearance of 18 inches. A 117-horsepower option is also available.

Drivetrain and axles have been optimized to provide greater tractive effort with minimal tradeoff on top end speed. A pintle hitch mount adds versatility for towing. Built for use on rough terrain, the unit offers full-time 4-wheel-drive with limited-slip front axle differential. The Dana VDT12000 Powershift transmission offers three speeds, forward and reverse.

Pettibone's leading hydraulics continue to deliver exceptional controllability and overall operating feel, while enhancing efficiency and cycle speeds. Cylinder cushioning has been introduced to dampen the end of strokes – both extending and retracting – to avoid the wear-and-tear

NEW PRODUCT UPDATES

*A Quarterly Look At
New Machine Introductions >*

■ Barko Launches 270B Processor

The Barko 270B Processor is purpose-built for its application, providing several performance advantages over equipment commonly used for processing jobs. Offering exceptional horsepower, swing torque and tractive effort, the 270B features a dangle head boom configuration for picking, delimbing, cut-to-length harvesting, and stacking.

WHAT: TRAVERSE T944X

WHERE: BOOTH C5685

WHEN: JAN 23-26, 2018



X-SERIES

of hard, jarring stops, while also helping prevent the potential spilling of a load. The telehandler also uses a single lift cylinder that improves operator sight lines.

The T944X offers maximum lift capacity of 9,000 pounds with its newly designed boom. Featuring formed boom plates and less welding, the structure offers greater strength while reducing weight. The design also minimizes boom deflection for better control and accuracy when placing loads.

Boom overlap has been nearly doubled from previous models to provide smoother operation and reduce

contact forces on wear pads, thereby extending service life. A bottom-mounted external extend cylinder further reduces the load on wear pads by up to 50-percent. This cylinder location also provides greatly improved service access to internal boom components. A single extension chain eliminates the needs to balance dual chains. Another new introduction is fastener-less wear pads for simplified service.

The operator cab maintains Pettibone's ergonomic seat, pedal, joystick and steering wheel positions. A new analog/LCD gauge

cluster comes standard. An optional 7-inch digital display with integrated back-up camera is also available. The cab also offers enhanced climate control, flat bolt-in glass, split door design, openable rear window, lockable storage under the seat, and wash down-resistant interior.

Other features include all-steel fuel and hydraulic tanks, split-system electrical circuit panels, and bright LED lighting.

See the Traverse in Vegas, or visit gopettibone.com for more information.



Powered by a 225-horsepower Cummins Tier 4 Final diesel engine with SCR aftertreatment, the 270B offers excellent fuel economy and features large fuel and DEF tanks for longer job cycles between refills. The hydraulic system is designed to keep power constantly available, allowing operators to instantaneously shift from function to function without any of the delayed reactions common with the hydraulics on other machines.



BARKO HARVESTER USERS AT WORK

■ 240B Harvester – Rollo Logging Inc.

Matt Rollo, owner of Rollo Logging Inc. in Wausaukee, Wisconsin, has been using the 240B harvester with a Barko CF-18 fixed harvesting head since December 2016.

“I’ve gotten way better performance with this harvester and head,” said Rollo. “I typically work in hardwood and oak and get up to 60 cord a day with the Barko machine. On average, I get about 10 to 15 more cord than I previously did on a daily basis. The fuel economy has been excellent, and the harvester has very good traction.”

The D5 undercarriage on the Barko 240B offers ground clearance of 26.2 inches, compact track width of 9 feet, 4 inches, and max travel speed of 2.47 mph. The 50,000-pound class unit delivers impressive maximum tractive effort of 65,833 lbf, and drawbar pull of better than 1.3 to 1 ratio, to handle steep hills and rough terrain with ease.

Brute strength is complemented by responsive IQAN hydraulic controls, which provide infinite variable control for the hydraulic system. This includes programmable settings for different operators. “The IQAN system is very convenient, since I can set the machine to operate a certain way and the computer automatically remembers those settings,” said Rollo.

A patented, forward-sliding design allows the cab to move forward 36 inches for easier serviceability. Additionally, a large, hydraulically-opening gull wing door offers direct access to the engine and components.

■ 260B Harvester – Horn Logging Co.

John Horn Jr., foreman for Horn Logging Inc. in Manton, Michigan, has been using the 260B harvester with a JP Skidmore CF22 fixed harvesting head since February 2017.

Prior to investing in the 260B, the company had been operating a conventional tree length crew consisting of a hot saw,

grapple skidders and slashers, along with chainsaws for delimbing and cutting very large trees.

“You can sort a lot more with the harvester than what we were doing before with the slasher,” said Horn. “Mills are getting more picky on specs, and we decided that the harvester could be a more productive solution.”

The 260B features a wider D7A undercarriage with 8-inch chain pitch for added stability with larger attachments in the 60,000-pound class machine size.

“We do a lot of hardwood, hard maple, some pine, and we wanted a harvester that would last,” said Horn. “We were looking for something strong and beefy, so that’s why we went with the 260B.”

“It has major traction power,” Horn added. “And we’ve had zero wear issues with the tracks. I have about 500 hours on the machine, and I haven’t had to grease the tracks yet.”



Dual swing motors provide continuous rotation and high swing torque of 50,787 ft-lbf on both the 240B and 260B. The machines each feature a heavy-duty, oversized swing bearing.

“The harvester provides lots of power and outstanding lifting capacity,” said Horn. “I really like the hydraulic speed, too. It’s fast but also smooth.”

The state-of-the-art operator’s station provides optimum operator comfort and excellent visibility around the entire working area. Users can enhance visibility by adding an optional rearview camera with a 7-inch LED color display.

The 240B and 260B each come with a 1.25-inch polycarbonate window for added safety on both harvesting and feller bunching jobs. An air knife system keeps the front and skylight windows clear of debris. Additionally, the intake system is located completely beneath the shrouding to eliminate any chance of damage from falling limbs.

“We’re really pleased with how the Barko has performed, and we’re already considering buying another 260B next year,” added Horn. “It has really good fuel economy, and doesn’t use much DEF either. It’s just a very efficient and productive machine.”

IN PRINT: DIESEL PROGRESS ARTICLE ON ARDCO AMT

Diesel Progress magazine talked to ARDCO about the Articulating Multi-Purpose Truck (AMT). You can find the full article in the September issue, or read a short excerpt here:

ARDCO’s Articulating Multi-Purpose Truck (AMT) represents a major change for the manufacturer. Long known for custom-built solutions to jobs over tough terrain and remote locations, it has built thousands of unique machines since 1955. The AMT is a new design from the ground up.

Each AMT is built on a standard chassis with a modular rear platform that can be customized to suit any work environment, from urban construction sites to extreme off-road locations.

A wide array of configurations is available, including bare chassis, flatbed, water or fuel tank, dump bed, service and lube station and pipe trailer. End users can easily change attachments, while rental companies can serve a variety of customer applications with a single machine.

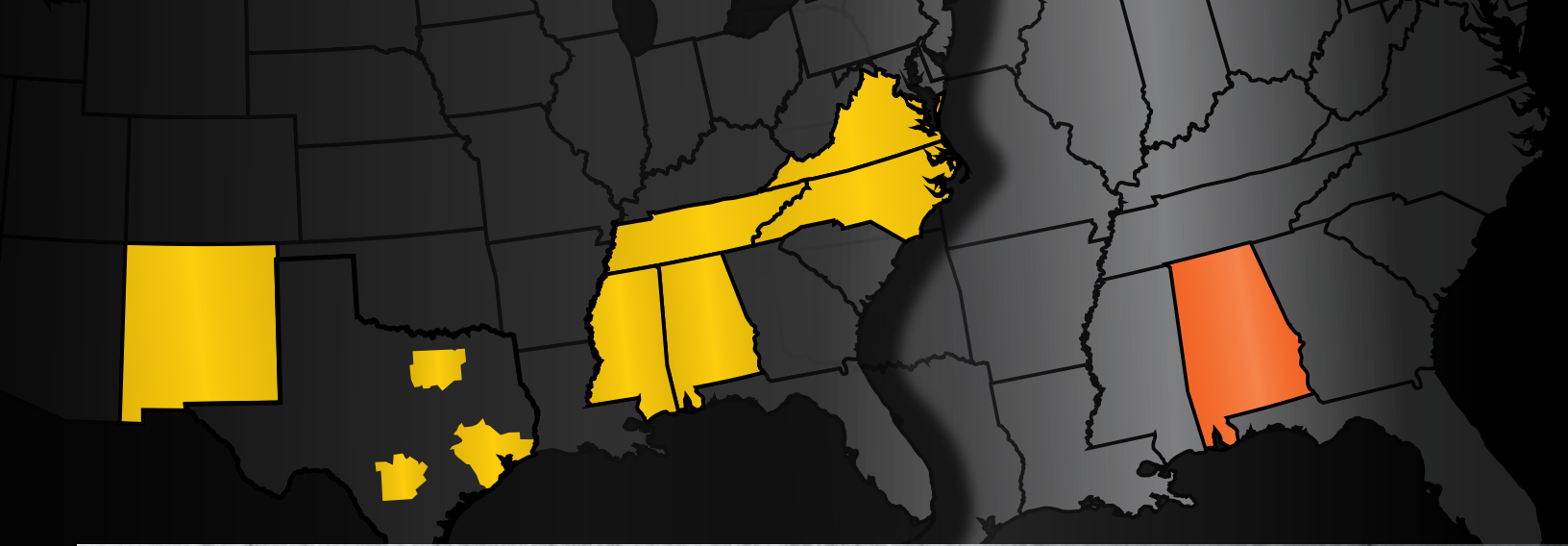
“We looked at what customers did with our machines to come up with a multipurpose platform,” said Tom Leahy, ARDCO vice president and general manager. “By using a base chassis with a customizable rear frame we can be more efficient in the manufacturing process, too, and our customers can minimize their inventory of spare parts. And now, to take on different jobs, all they have to do is customize the rear frame to fit their application.”

Sold in two base models, the AMT 600 is powered by a Cummins QSB6.7 Tier 4 final diesel engine rated 250 hp and has selectable 4- or 6-wheel-drive with a maximum payload of 45,000 lb. The AMT 400 has a Tier 4 final Cummins QSB6.7 diesel engine rated 200 hp and 2- or 4-wheel-drive with a maximum payload of 28,000 lb.

“We redesigned a lot of the structural components and beefed them up to carry bigger loads and help us go into more markets,” said Tim Niedzwiecki, ARDCO senior sales engineer.

See the full article at:
tinyurl.com/ARDCOsep17DP
(flip to page 54)





DEALER PROFILES



■ Taylor Machine Works

Pettibone announces the addition of Taylor Machine Works to its dealer network. Taylor will carry Pettibone Cary-Lift pipe and pole handlers for several states across the southern U.S., including Virginia, North Carolina, Tennessee, Alabama, Mississippi, New Mexico and several counties in Texas.

"Taylor Machine Works is a wonderful addition to our dealer team," said Kyle Rubin, director of sales and marketing for Pettibone. "With their wealth of experience serving the material handling industry, combined with their network of strategic locations for sales, maintenance and parts, Taylor is ideally positioned for great success selling our products."

Founded in 1927, Taylor Machine Works is a family-owned company under third generation management with roughly 1,000 employees across the country.

Taylor boasts 14 factory stores to provide sales, service and support for its own line of equipment as well as its manufacturer partners.

"We've always found the Pettibone Cary-Lift to be a superior product for pipe handling applications," said Hal Nowell, general sales manager for Taylor. "With oil and gas business back on the rise, we are extremely excited to capitalize on Pettibone's fantastic reputation in the industry and look forward to serving new and existing Cary-Lift users alike."



■ Equipment Linc

Barko announces the addition of Equipment Linc, Inc. as its new dealer for logging and land clearing equipment in Alabama.

"We are excited to welcome Equipment Linc to the Barko dealer network," said Alecia McKay-Jones, dealer development manager for Barko. "The people behind Equipment Linc have a long personal and professional history with Barko, making them a great fit for our team."

Located in Maplesville, Alabama, Equipment Linc will handle sales and service of Barko knuckleboom loaders, industrial wheeled tractors, harvesters and feller bunchers. The dealership boasts a new maintenance facility and personnel with decades of forestry industry experience, both in equipment sales and as timber producers.

"We are thrilled about this tremendous opportunity to promote the Barko brand," said Tommy Moore, president of Equipment Linc. "They're a great company with a great product line that continues to grow, and we look forward to a fruitful partnership going forward."

SEE US AT THESE UPCOMING EVENTS

Pettibone ■  January 15-19 Las Vegas, NV	Pettibone ■  January 23-26 Las Vegas, NV	ARDCO & Pettibone ■ ■  February 19-21 New Orleans, LA	Barko ■  February 22-24 Eugene, OR	Barko ■  March 6-9 Indianapolis, IN
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SHOW UPDATES

A flurry of fall trade shows saw Pettibone exhibiting to the rail industry at Railway Interchange and APTA Expo, and ARDCO and Pettibone traveling to ADIPEC to promote the AMT and Cary-Lift, respectively.



Barko Strong-Arm Skill Challenge Winners

Meanwhile, attendees at the recent Great Lakes Logging and Heavy Equipment Expo in Escanaba, Michigan, had the opportunity to participate in the Barko Strong-Arm Skill Challenge.

Operators ran a Barko 295B trailer mount loader equipped with a brand new Barko 4850 Strong-Arm Grapple – making its official debut at the event – to race against the clock in a log stacking competition. The five forestry professionals awarded prizes for the fastest finishing times were:

- Bill Zellar – 1st Place – 1 minute, 59 seconds (1:59)
- Russell Meyers – 2nd Place – 2:01
- Eric Zellar – 3rd Place – 2:02
- Dillon Meyers – 4th Place – 2:10
- Brian McCumber – 5th Place – 2:14

Pettibone's next gen Traverse T944X telehandler will be making the exhibit hall rounds as it travels first to Las Vegas for the AED Summit in January, with its official launch coming at World of Concrete the following week.

It will then join forces with the ARDCO AMT at The Rental Show in New Orleans in February. Also that month, the Barko 270B will make an appearance at the Oregon Logging Conference. Finally, the back of cab loaders will be the focus for Barko at The Work Truck Show in Indianapolis in March.



Vote Pettibone! Voting remains open through February 7 for Concrete Construction magazine's Most Innovative Products Awards, an annual program honoring innovative new products for the concrete and masonry industries.

Visit tinyurl.com/VoteTraverse to cast your vote for the new Pettibone Traverse T944X!



**Traverse
T944X**



ARDCO

6100 HWY 90 W
New Iberia, LA 70560

P: 800.332.7326
www.ardcomfg.com

AMT RECOGNIZED AS “TOP 100” WINNER

The ARDCO Articulating Multi-Purpose Truck (AMT) was named a winner of Construction Equipment's Top 100 New Products of 2017 Award. All Top 100 winners were featured in the magazine's December issue.

The award program was conceived to call special attention to the most significant new products announced each year. These awards emphasize innovations, highlighting manufacturers who are investing in research and development to provide equipment users with greater productivity, efficiency and safety. The publication's editors make the award selections independently, drawing upon their experience with the marketplace and equipment technology.



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