

HEAVY METAL

THE LATEST NEWS FROM ARDCO, BARKO, & PETTIBONE

09

STRONG-ARM GRAPPLES
NEW AMT ATTACHMENTS
74-HP EXTENDO





STRENGTH TO SUCCEED:

THE NEW STRONG-ARM GRAPPLES

Barko's Strong-Arm Grapples provide a highly productive solution for log handling and delimbing applications. Designed to optimize the performance of Barko B-Series loaders – including all trailer/truck mount, tracked, rough terrain carrier and stationary loader models – the grapples deliver superior rotator torque, clamping force and arm speed.

The Strong-Arm Grapple lineup consists of three models. The 4250, 4850 and 5250 grapples have maximum openings of 42.0, 48.1 and 52.1 inches, respectively, with

each rated for up to 50,000 pounds of lift capacity.

Engineered for seamless integration with Barko loaders, the grapples offer powerful rotation torque and clamping force. A compact rotator allows for hoses to be contained in a single bundle between the boom and grapple, providing better hose protection. Other features include 360-degree continuous rotation and a fully supported rotator drive pinion gear.

The hydraulic motor is designed to maximize hydraulic flow, making each

grapple exceptionally fast and productive. By minimizing flow restriction, horsepower efficiency is enhanced, allowing operators to accomplish more while maintaining excellent fuel economy. The robust motor design features internal components that were tested and sized specifically to tolerate tougher conditions. An internal relief cartridge is completely integrated with the motor to avoid damage and oil leaks.

The grapples are constructed of high tensile, wear-resistant steel and include hard face welding on the arm tips to extend working



NOW AVAILABLE

CARY-LIFT 254i

Pettibone has added the Cary-Lift 254i to its lineup of purpose-built pipe and pole handlers. Powered by a 225-horsepower Cummins QSB6.7 Tier 4 diesel engine, the 254i provides a maximum load capacity of 25,000 pounds. It features the

IN PRINT: DIESEL PROGRESS ARTICLE ON

BARKO RTC

For its May issue, Diesel Progress talked to Barko about the features and benefits of its Rough Terrain Carrier loader package. Here's an excerpt from the article:

The self-propelled, rough-terrain log loader has returned to Barko Hydraulics' product offering. The new and improved Rough Terrain Carrier (RTC) loader package is designed for increased productivity on tight job sites at log yards and sawmills.

"The RTC is an improved version of a product Barko offered during the 1970s and '80s," said Steve Talaga, product manager, Barko Hydraulics LLC. "The main difference was that the older machines were articulated. They could turn on a tight radius but they were not the most stable machines.

"Today there are many mills with machines more than 30 years old and they need a solution like this for when they replace their old machines."

The four-wheel-drive RTC loader package is based on a stable, rigid frame that provides two-wheel, four-wheel and crab steering capabilities. When four-wheel steering is engaged, the RTC offers an 18 ft. turning radius that is sharper than many half-ton pickup trucks. Because all four wheels maintain ground contact at all times, the machine can traverse rough terrain as it moves from one wood pile to the next.

See the full article at: tinyurl.com/BarkoMay17DP
(flip to page 19)

life. Oversized, induction-hardened pins help reduce wear to pins and bushings. Cushioned cylinders help eliminate jarring effects at maximum open and close, while thick cylinder walls provide further durability. Additionally, load holding valves in the cylinders are guarded to prevent damage and enhance safety.

A service friendly design includes four convenient inspection plates for the grapple collector and hoses, along with 12 easily accessible grease points. Thoroughly tested for quality, the grapples offer an industry-leading 18-month warranty with unlimited hours.

traditional Cary-Lift overhead lift arm design that gives the operator full front visibility with no obstruction. The machine's heavy-duty, solid steel frame design allows it to take full loads into sharp turns without sacrificing load capacity or stability.

FORESTRY EQUIPMENT

BACK TO THE FUTURE FOR BARKO

Design of new Barko Hydraulics log loader hearkens to mill yard favorite from 1970s and '80s

BY CHAD ELMORE

The self-propelled, rough-terrain log loader has returned to Barko Hydraulics' product offering. The new and improved Rough Terrain Carrier (RTC) loader package is designed for increased productivity on tight job sites at log yards and sawmills.

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Talaga said the initial development work on the new machine started with a dealer, Jewell Machinery of Rocky Mount, Va., has sold equipment from Barko and sister company Pettibone since 2013. Jewell was one of the first to start selling the Pettibone Cary-Lift 15k that was launched in 2014 (see May 2014 Diesel Progress) for the



The new Barko RTC log loader is available in three models, each powered by a Tier 4 final Cummins Q586.7 diesel engine rated 173 hp.

The prototype was tested for 15 months before production began on



Traveling, the RTC loaders offer many safety features, including steps and a solid platform minimize the potential slip-and-fall when entering the forward-sloping pressurized structure is the same as those used in the company's typical mill or truck-mounted loaders. One day, except for maintenance and maybe lunch, in an eight-hour shift.

PETTIBONE LAUNCHES 74-HP EXTENDO

Pettibone has introduced a 74-horsepower engine option for its Extendo 944B telehandler, giving end users and rental operators another material handling solution to fit their needs.

The 74-horsepower Cummins QSF 3.8 Tier 4 Final diesel engine features a DOC muffler and requires no diesel exhaust fluid (DEF). This simplified exhaust system is more compact and eliminates the need for the MD3 aftertreatment display found on the standard 944B model.



NEW AMT ATTACHMENTS: SUGARCANE BASKET & DUMP BEDS

The ARDCO Articulating Multi-Purpose Truck (AMT) has been living up to its name, with more and more applications and attachments being explored as customers consider the potential benefits of the machine for their particular jobs. Two new attachments are wrapping up development – the AMT Sugarcane Basket and AMT Dump Beds.



■ AMT SUGARCANE:

A specially designed Sugarcane Basket has been developed and is being tested in areas of the southeast U.S. Purpose built for this precise application, the sugarcane basket incorporates input from end users to maximize efficiency during harvest. The original prototype was produced for the AMT 600.



Drivetrain and axles have been optimized with the 74-horsepower engine to provide greater tractive effort with minimal tradeoff on top end speed.

"The 74-horsepower Extendo 944B is less complex when it comes to sensors and filtration, so it really simplifies routine maintenance," said Bob Mayo, product manager for Pettibone. "At the same time, users will get the same lifting capacity and performance they've come to expect from Pettibone. This option just gives people another choice that might better suit their operation."

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.



■ AMT DUMP BED:

New Dump Bed models are about to be introduced for both AMT models. The AMT 400 dump bed can carry flat loads up to 7.5 cubic yards and heaped loads up to 10 cubic yards, while the AMT 600 dump bed can carry flat loads up to 16 cubic yards.

The dump beds were developed to fill the demand for dump trucks in the 12- to 22-ton range, with the knowledge that most manufacturers no longer produce an articulated dump truck under 25 tons. The AMT comes at an attractive price for the application, before even considering its multi-purpose capabilities for other tasks.

SEE US AT THESE UPCOMING EVENTS

After an appearance by ARDCO and Pettibone at GPS in Calgary, the trade show season slowed down over the summer ... but things are about to ramp up again. Barko will be showcasing the new Strong-Arm Grapples at the Great Lakes and Mid-Atlantic logging shows, while Pettibone will be at Railway Interchange and APTA to promote the Speed Swing. The fall rounds out with an oil & gas show, as ARDCO and Pettibone head to Abu Dhabi for ADIPEC.



Barko



September

7-9

Escanaba, MI

Barko



September

15-16

Selma-Smithfield, NC

DEALER PROFILES

Barko is proud to announce Crosby Equipment Company and TraxPlus as new dealers for logging and land clearing equipment in Georgia and Mississippi, respectively. Meanwhile, Pettibone welcomes Highlift Equipment, our new dealer for telehandlers in Ohio.



■ Crosby Equipment Co.

With locations in Douglas, Ga., Macon, Ga., and Swainsboro, Ga., Crosby Equipment Company will handle sales and service of Barko loaders, industrial wheeled tractors, harvesters and feller bunchers. The dealership was established in 2012 with a compact equipment focus and then expanded into construction and forestry.

"We're happy to have an opportunity to bring Barko equipment to the forestry community in Georgia," said Jerome Crosby, owner of Crosby Equipment Company. "Barko has a name with history and a good product. Our sales team also has many years of experience in the industry and plans to bring the best support to the product line."



■ TraxPlus

Based in Hickory, Mississippi, TraxPlus will handle sales and service of Barko loaders, industrial wheeled tractors, harvesters and feller bunchers. The dealership was established in 2013 after several years of part-time equipment sales and a family history of logging came together.

"We're excited to represent the Barko brand," said Micah Harmon, vice president of TraxPlus. "Anyone that knows forestry knows Barko. It's a name we're proud to put our name behind with the company's history, reputation, and tradition."



■ Highlift Equipment

Originally founded in 1968, Highlift Equipment offers a wide variety of aerial lift equipment, including telehandlers, boom lifts, and scissor lifts. The company is strong in both end user sales and equipment rentals, while placing extra emphasis on its ability to provide outstanding service out of its Ohio locations in Cincinnati, Canton and Sunbury (Columbus).

"We've gotten off to a great start with Pettibone already," said Steve Oyster, president of Highlift Equipment. "We want to solidify Pettibone's presence across Ohio and really go after the market here. Pettibone has been very supportive, and it's obvious we share common goals and are really striving toward future success together."

Pettibone ■



September
17-20
Indianapolis, IN

Pettibone ■



October
9-11
Atlanta, GA

ARDCO & Pettibone ■ ■



November
13-16
Abu Dhabi,
United Arab Emirates

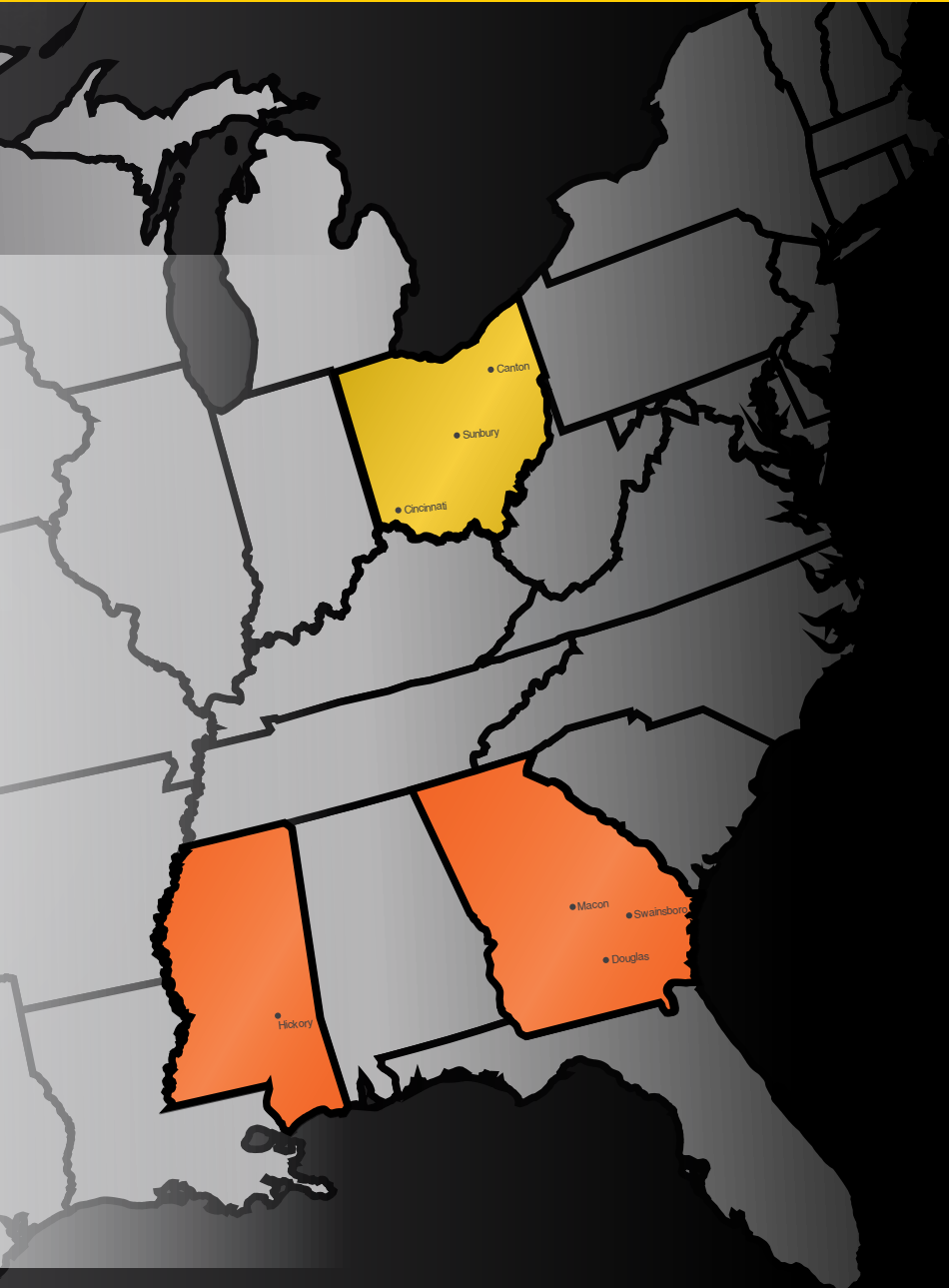
Pettibone ■

January
15-19
Las Vegas, NV



Pettibone ■

January
23-26
Las Vegas, NV



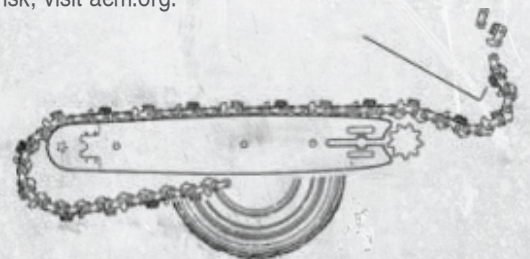
PARTS & SERVICE:

REDUCE RISK WHEN WORKING WITH CHAINS

Harvester operators should be cautious when working with attachments equipped with hydraulic bar saws. The high power and speed of the chain can cause chain breaks and can create a whipping action. 5 main steps can reduce risk and increase safety:

1. Use correct machine settings
2. Check every chain before and after sharpening
3. Avoid habits that cause chain damage
4. Know what the shot cone is
5. Take care of cab windows

To get details on the 5 actions that can reduce risk, visit aem.org.





AN AFFILIATE OF THE HEICO COMPANIES

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SPEED SWING IN ACTION

Designed to meet the needs of any rail task, the Pettibone Speed Swing is the industry's original do-it-all rail crane. For decades, it has provided the power to lay rails, set ties or clear the path ahead.

Attendees can check out our newest model – the Speed Swing 445F – at Pettibone booth #4375 during Railway Interchange in Indianapolis, September 17-20.



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