

For Immediate Release

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Barko Strong-Arm™ Grapples Optimize Barko Loader Performance

SUPERIOR, Wisc. – **Barko's** new **Strong-Arm Grapples** provide a highly productive solution for log handling and delimiting 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 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.

Barko Hydraulics, LLC is part of the Pettibone, LLC Heavy Equipment Group. Founded in 1963, Barko has consistently led the industry with innovative solutions to the forestry, scrap and construction markets, including industrial tractors, crawlers, handlers, loaders, forwarders, chippers and harvesters. For more information, call 715-395-6700 or visit www.barko.com.

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