



ProManPTO system for ATV's and utility vehicles uses interchangeable hydraulic motors that can be moved from one implement to another.



Variable displacement axial piston hydraulic pump quickly attaches to ATV or utility vehicle's engine. A twist of the handle releases pump from engine.

Add-On Hydraulic Power Unit Fits Most ATV's

"It turns your ATV or utility vehicle into a powerful work vehicle that can do everything from mowing fields to splitting wood or running hydraulic power tools," says Kevin Tam of ProManPTO, Vista, Calif., about his company's aftermarket system designed for 4-wheeler's and utility vehicles. The new ProManPTO system was on display at the recent World Ag Expo near Tulare, Calif., and at the National Farm Machinery Show in Louisville, Ky.

The system can be used with most ATV's or UTV's equipped with a 500 cc or larger engine.

Each ProManPTO kit includes a variable displacement axial piston hydraulic pump that attaches to the engine, a thermostatically controlled oil cooler, and quick-connect fittings for hydraulic hoses.

ProManPTO has a line of hydraulic-driven implements for use with the system. All

implements are designed so the hydraulic motor driving it can be quickly moved from one implement to another using a patented quick disconnect.

The line of implements includes 4 different mowers – 60 and 48-in. finish mowers; a 44-in. rough cut mower; and a 45-in. flail mower. There's also a log splitter and leaf debris blower.

"As far as I know this is the first universal aftermarket pto system designed for 4-wheeler's and utility vehicles," says Tam. "Until now, ATV implements had to have their own separate engines. Our interchangeable hydraulic motors can be moved from one implement to another, eliminating the cost and maintenance of redundant engines. The system converts your ATV into a real workhorse, but quickly converts back to a fun machine in minutes. The system won't replace the heavy-duty work that a compact

tractor or skid loader can do, but it will do many chores quicker and more efficiently.

"Over the next few months we plan to add a power broom, water and trash pump, fire pump, auger, small tree shear, pressure washer, and many other implements."

The system's axial piston pump with closed loop system requires only 5 quarts of oil. "We tested the rough cut mower on a hilly location, where it previously took 16 1/2 hours to mow with a walk-behind heavy mower and two weed eaters. With the ProManPTO-powered mower it took only 6 1/2 hours."

Currently the system fits most Polaris and Kawasaki ATV and UTV models, with Yamaha and Suzuki coming on line soon. "We plan to offer the system on Deere, Kubota, and Honda ATV's and UTV's later this year, and the other major brands early next year. By next year ProManPTO will fit

on more than 70 percent of the major ATV and UTV brands on the market," notes Tam.

He says the log splitter draws a lot of interest at farm shows. "The splitter has an 18-in. low profile that limits lifting, and it's powered by a big 5-in. dia. hydraulic cylinder that provides bi-directional, dual action splitting. It'll split logs up to 20 in. long."

The ProManPTO kit for ATV's sells for \$2,500 to \$3,000 plus S&H depending on the brand and model; add \$500 for utility vehicles. Currently available implements sell for \$1,500 to \$2,500 plus S&H. The cost for an ATV kit and a rough cut mower is about \$4,700 plus S&H.

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Wess Cornelius replaced the seat on his Sears riding mower with an office chair to make the ride more comfortable. He also raised the steering column 9 in.

Riding Mower Fitted With Office Chair

"I'm not the type to leave anything alone if I think I can make it work better," says Wess Cornelius. The Winlock, Wash., man recently sent photos of his 2007 Sears riding mower. He replaced the original seat with an ordinary office chair in order to make the ride more comfortable. And he raised the steering column 9 in.

"I'm 6 ft. 3 in. and got tired of always having to hunch over while wrestling with the mower's steering wheel, which was positioned too low for me," says Cornelius. "The seat sat too low also and didn't have much 'cushion' to it. The seat back wasn't high enough to provide good back support, and there was no suspension.

"The office chair has a plush bottom covered by heavy nylon fabric and a high back support. It's much more comfortable than the original seat, and the extended

steering wheel really helps. It's so easy to steer now that I can hold the wheel with one hand while holding a coffee cup with my other. I can mow all day long in comfort."

To solve the steering wheel problem, he removed a bolt that held the steering wheel to the steering column, then slid a length of pipe over the column and rebolted the steering wheel to it.

He made some brackets and then mounted 4 springs under the seat. The 2 front springs are from the seat off an older riding mower, and the back springs are coil springs that he bought new at a hardware store. "Office chairs can be bought cheap at any second hand store," notes Cornelius.

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"Stove stoker" mounts on door frame and is held in place by a pair of locking handles. Steel roller on top is used to roll big logs into firebox.

"Stove Stoker" Helps Handle Big Logs

Anyone who's ever had to feed logs into a wood stove with a deep firebox will get the idea behind this simple little tool right away.

The new "stove stoker" mounts on the door frame and is held in place by a pair of locking handles. A steel roller on top of the unit serves as a support so you can roll big logs into the firebox.

You have to remove the unit in order to close the door.

"It looks too simple to be effective, but it really works," says John Cookson. "It weighs only 11 lbs. which makes it easy to install and remove.

"The roller is strong enough to handle logs

as big as the stove's door. It's painted with 2,000-degree flame-proof paint."

Four different models are available depending on stove size. They sell for \$150 to \$200 including S&H. Models can also be custom-built. A video on Cookson's website shows how the unit works. He's looking for dealers.

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