

UTV Power Lift Handles Heavy Cargo

"It lets you use your utility vehicle to do everything from picking up rocks in the field to loading firewood, feed bags or other materials. You can even use it to load and skin game animals," says Trevor Urbanick about his company's aftermarket boom system designed for utility vehicles.

The new Strong Arm Lift was on display at the recent Ohio Farm Science Review show near London, Ohio. The system can be used on UTV models equipped with a 500 cc or larger engine. It has a low-profile design that tucks out of the way against your utility vehicle when not in use.

The system is remote-controlled and operated by a self-contained 12-volt hydraulic pump. It comes with a steel frame that bolts on underneath the UTV and supports a hinged subframe that can be fitted with several different attachments. A single hydraulic cylinder is used to raise the subframe in order to dump the load.

The attachments include a slatted rock picker; a log loader; an all-purpose bucket; and a hoist and skinner for game animals. The attachments pin onto a Reese hitch that's welded to the subframe, except for the rock bucket which bolts on.

The hydraulic system has a working load of 250 lbs. and doesn't require any modifications to the vehicle. A cord runs from the hydraulic pump up into the cab, and the operator presses a button to swing the load into the UTV bed.

"As far as I know this is the first universal aftermarket, hydraulic-operated loading system designed for utility vehicles," says Urbanick.

The 8-ft. hoist holds the game animal off to the side of the UTV. A "skinning yoke" can be hooked onto the end of the hoist's arm.

The Strong Arm Lift is compatible with the following utility vehicles: Kubota (early RTV 900 or 1100 from 2004 to fall 2013 and late RTV X900 or X1100 after fall 2013); Deere (620i, 625, 825i, 850d, and 855); and a Kioti Mechtron 2200.

The Strong Arm Lift with either a rock basket or log loader sells for \$3,400 plus S&H. The other attachments are sold separately.

Contact: FARM SHOW Followup, JTJ Mfg. LLC, 19255 Conneautville Road, Conneautville Penn. 16406 (ph 877 977-8773; strongarmlift@gmail.com; www.strongarmlift.com).



Remote-controlled power lift's hinged subframe can be fitted with several different attachments including a rock picker (top) and all-purpose bucket (above). Hoist (left) can be used to skin game animals.

Elevated Water Wagon

By Klaire Howerton

In order to get water to livestock out in the field, Jim Criger of Springfield, Mo., built a water wagon to fill troughs. The wagon attaches to the hitch on an ATV or truck, and can be pulled anywhere water is needed.

Jim started with a trailer frame he had on hand, welding pieces of angle iron to the trailer frame to create tracks so the water tower itself could slide on and off the trailer. That way, the water tower can also be used in the back of a pickup, if necessary.

The water tower is made from welded angle iron cross supports that form a triangular pattern, with angle iron cross supports at the top. It holds two 55-gallon

barrels 6 ft. above the base of the trailer. "It gets the barrels high enough to gravity feed," says Jim.

A couple of tow straps across the top of the barrels helps hold them securely in the frame. A 1 1/4-in. metal pipe was attached to the barrels with fittings, and a 1 1/4-in. shut-off valve installed. A garden hose attached to the pipe is used to fill the barrels and a length of braided hose is what's used to fill troughs out in the field.

Contact: FARM SHOW Followup, Jim Criger, 2986 N Farm Road 103, Springfield, Mo. 65803 (<mailto:jimc417@yahoo.com>).



Elevated water tower holds two 55-gal. barrels 6 ft. above base of trailer, high enough to gravity-feed water barrels on rabbit pens.

Sawhorse-Mounted, Solar-Powered Spotlight

Richard Zigler of Charles Town, W. Va., came up with a couple of new uses for an outdoor solar-powered, motion-activated floodlight - the kind often used at a remote gate or any place that's vulnerable to vandalism or burglary.

"I bought a solar-powered light equipped with a motion sensor at Home Depot and mounted it on a 3-ft. tall sawhorse. It works great when backing up to an auger hopper at night during harvest," says Zigler. "I also use it to get rid of varmints. By setting the spotlight next to a natural runway for wildlife and baiting it, I can catch coyotes as they activate the light and shoot them. I've also used it to hunt deer this way on DNR-sanctioned crop damage hunts."

"The spotlight I use has a timer that can be set so the light will stay on for 5 or 10 min. after activation. It also has a manual setting so it won't go off unless I turn it off, and a sensitivity setting for the distance from which it will activate."

He paid about \$55 for his solar-powered light.



Solar-powered light with motion sensor works great when backing up to an auger hopper at night, and to get rid of varmints.

Contact: FARM SHOW Followup, Richard Zigler, 1083 Roper North Fork Road, Charles Town, W. Va. 25414 (ph 304 283-6799; rzigler01@gmail.com).

"Made It Myself" Bale Carrier Handles Round, Square Bales

Mark Majerus built a bale fork that works great on both round bales and big square bales. He uses it on his Case 1835 B skid loader.

The bale fork consists of four 3-ft. long bale spears made from 1 1/4-in. dia. tapered shaft and mounted on a rectangular steel frame that quick-taches to the loader. There are 2 spears spaced 2 ft. apart at the top of the frame, and 2 spaced 4 ft. apart at the bottom. A large rectangular opening in the middle of the frame provides a good view for the operator.

The top part of the mounting plate is made from 2 by 6-in., 3/8-in. thick rectangular steel tubing and the bottom from 2 by 3-in. tubing.

"It works great and cost very little to build. "I paid \$50 apiece for the spears. I already had everything else that I needed," says Majerus, who keeps a few show horses on his place near Farmington, Minn. "I load the bales into a home-built covered bale feeder equipped with a drive-in gate. Most commercial bale forks come with only one or two big spears, but I went with four smaller spears and arranged them in such a way that round and square bales can be carried."



Bale fork consists of four 3-ft. long bale spears mounted on a rectangular steel frame. Large opening in middle of frame provides a good view for the operator.

Contact: FARM SHOW Followup, Mark Majerus, 1731 230th St. E., Farmington, Minn. 55024 (ph 651 463-7084; markmajerus4@hotmail.com).