

“Spray Saver” Controls For 3-Point Equipment

When you get to a turn-row with a planter, cultivator, or hooded sprayer, there's a lot to do all at once.

Whether applying chemicals, fertilizer, or both at the same time, a lot of money is flowing through your sprayer tips. Relying on manual control at that point can cost you hundreds of dollars in wasted spray and crop damage, says Richard Harding, inventor of a new automatic shut-off switch for 3-pt. mounted equipment equipped with sprayers.

“The Spray Saver™ straps onto the rocker arm of the tractor. It consists of a patented adjustable housing that contains a 10-amp mercury shut-off switch,” Richard explains. The 10-amp unit will control up to three direct-to-valve solenoid switches at one time.

“If you have an electrically controlled spray valve on your tractor, you already have a toggle switch circuit near the operator's station. This product simply breaks the ground-side of that circuit. You just strap it on, unplug your existing ground wire and plug ours on. From then on, your spray

control is automatic. One Spray Saver per tractor controls the spray on every implement the tractor pulls,” Richard continues.

“I developed it for use on our own farm, where we've been using it successfully for 5 years. We have saved a lot of chemicals with it when compared with a manually operated switch. Since we started selling them, customers tell me they've paid for it in the first day.”

Cost of the Spray Saver is \$45 delivered. It comes complete with mounting straps, wire, instructions and an indicator light to mount in the cab to show the operator it's working. “It's only about the size of your hand, and requires no drilling or welding to mount on the tractor. You just plug the wires from your solenoid control valve into it to hook it up. It only takes about 15 minutes,” Richard adds.

Contact: FARM SHOW Followup, Spray Saver Corp., Box 54150, Pearl, Miss. 39288 (ph 800 840-8054; fax: 601 939-2702; Website: www.spraysaver.com).



“Spray Saver” straps onto rocker arm of tractor and contains a 10-amp mercury shut-off switch. It'll control up to three direct-to-valve solenoid switches at one time.

“Game Crane” Lets One Person Field Dress Deer

“Our new pickup-mounted Game Crane allows one person to field dress, skin and load a deer or other big game animal,” says Steve Sheetz, Vittetoe, Inc., Keota, Iowa.

The Game Crane mounts on any standard 2-in. receiver hitch (an adapter is also available for mounting the unit on a flat hitch.) A manually operated 1,200-lb. winch is used to lift the animal. The unit consists of a vertical steel bar which supports a hinged horizontal bar with a set of gambrel hooks at one end that are used to hold the deer. After you dress the animal, you can swivel the horizontal bar 360 degrees in order to load

the carcass onto the pickup bed.

“You can use it to pull the skin from the carcass during the lifting action. Simply tie the tail to a hook on the lower part of the Game Crane when it's in the lower position and winch the hide off. It can also be used as a carcass handler for taking dead hogs or other livestock to an incinerator or compost pile,” notes Sheetz.

Sells for \$180 plus S&H.

Contact: FARM SHOW Followup, Vittetoe, Inc., Keota, Iowa 52248 (ph 800 848-8386; fax 515 636-3764).



“Game Crane” mounts on any standard 2-in. receiver hitch and uses a manually-operated 1,200-lb. winch to lift the animal.

“Oil Pumper” Runs On Air Pressure

“I built this handy shop tool I call the ‘Easy Oil Pumper’ after I had spent more than 40 minutes putting six quarts of 85-140 weight gear lube into the front differential on a Case-IH 5140 Maxxum with a 20-oz. squeeze bottle and a 12-in. piece of plastic hose. I knew there had to be an easier way,” says Paul Matzner, Stickney, S. Dak.

The 30-in. high tool hooks up to any air compressor with at least 30 psi and makes it easy to change oil in transmissions, gearboxes, wheel hubs, final drives, etc. You pour the oil into a 2-in. fill hole on top. The compressed air forces the oil out the bottom into a 1/2-in. hose. To discharge the oil you simply turn a valve at the end of the hose.

Matzner started with a 30-in. long piece of 5 by 7 by 1/4-in. thick steel tube. He cut a hole and welded a 1/2-in. pipe coupler in the lower left side of the tube to serve as the discharge. He cut another hole and welded a 1/4-in. pipe nipple into the upper right side of the tube to serve as the air inlet. A 1/4-in. plate was welded onto the bottom of the tube and the inside of it was cleaned with solvent. A 1/4-in.-thick plate with a 2-in. pipe coupler welded into the middle of it was welded onto the top of the tube. Then a pressure regulator with gauge and quick coupler was screwed onto the 1/4-in. pipe nipple, and a 5-ft. hydraulic hose with a quarter turn valve and 6-in. nipple at one end was attached to the lower coupler.

A handle on one side is used to carry the unit.



“Because it's now so easy to refill transmissions and differentials, I'm now more apt to make those needed oil changes,” notes Matzner.

“It's really handy and works especially well for refilling any heavy weight oil that doesn't flow readily through a goosenecked container,” says Matzner. “The tank holds 3 gal. so I can pour the entire contents of a 2 1/2-gal. jug into it. I use it to transfer oil into transmissions, rear ends, mechanical front wheel drive hubs, or any gearbox with a hard-to-reach fill hole. I recently put 2 1/2 gal. of 80-90 weight gear lube into the transmission of a combine in one minute and fifteen seconds with no spills. A funnel would have taken a half hour or more.

“I bought the parts and fittings to build it at a local farm supply store and the steel came from a local machine shop. My total cost to build it was about \$90.”

Contact: FARM SHOW Followup, Paul Matzner, Stickney, S. Dak. (ph 605 732-4370).

Hydraulic-Operated Post Puller Doubles As Tree Remover

“Our new hydraulic post puller saves a lot of time and labor. It lets one person use a tractor or skid steer loader to quickly remove posts and hardly ever have to get off the tractor,” says Dennis Fisher, DSLA Co., Sisseton, S. Dak.

The unit can be used with a tractor 3-pt. or, by using an adapter kit, mounted on any skid steer loader bucket. It's equipped with hydraulic-operated jaws that clamp onto the post. The jaws are powered by a cylinder that operates off the tractor hydraulics. The 3-pt., or the skid steer loader, does the lifting. The jaws are designed to grip firmly onto many different shapes and will handle anything from steel posts to railroad ties.

“It really works great on a skid steer loader. The operator has a great view when pulling posts and, with the bucket tipped down, can even see the jaws so he can pick posts up off the ground. You can let your skid loader handle those heavy corner posts whether you're putting them into a new post hole or loading them on a flatbed,” says Fisher.

“The unit also works great for removing shallow-rooted trees and shrubs. We've used it to pull volunteer 4-in. Russian Olives and some evergreen trees with ease.”

Sells for \$589 plus S&H.

Contact: FARM SHOW Followup, DSLA Co., Rt. 3, Box 115, Sisseton, S. Dak. 57262 (ph 800 387-3752; fax 605 698-7444).



Unit is equipped with hydraulic-operated jaws that clamp onto post. The 3-pt. does the lifting.