

Handy tool fitted with axe-type blade, hook that can be used for a variety of tasks.

"The Little Farmhand"

Frustration with conventional hay hooks led Montana farmer Steve Lindquist to invent a totally new tool that he uses for a lot more than just handling hay bales.

"The Little Farmhand" looks like a cross between an axe and a crowbar. It's about 16 in. long and has a large handle made from 7/16-in. dia. steel pipe. It's fitted with a small axe head on one side and a hook on the other.

"The design of the handle makes it easy to use even with heavy mittens on. You can cut twine with the blade and then handle bales with the hook. No need to fumble for a pocket knife. And it's a lot easier to hold on to when lifting a load," says Lindquist, who builds a small and

large version of the tool.

"I've been using it since 1989 and have come up with many different uses. Besides handling bales, you can use it to chop holes in ice in winter, chop kindling, dig small holes, trim small branches, etc. When hunting, you can use it to split tail bones on game animals or you can hang meat from the hook. It'll even scrape hides," notes Lindquist.

The large one sells for \$16.95. The small one for \$12.99. Add \$4.95 for shipping and handling.

Contact: FARM SHOW Followup, Steve Lindquist, P.O. Box 154, Dixon, Mont. 59831-0154 (ph 406 246-3263).

Speedy Rolling Dump Box

"It weighs just 200 lbs. but will hold up to 4,000 lbs., says Roger Young, Brentwood, Mo., about his rolling dump box that installs in full-size pickup boxes with no bolting or hydraulics.

Made from high-density polyethylene, it's designed to fit all full size pickups. The hopper is fitted with rollers, making it easy to roll it into the pickup box and easy to roll it out the back to unload. There are no brackets or any other modifications needed to pickup bed.

"We've used it to off-load sand, rock, mulch, construction waste, and anything else you normally haul in a pickup. You

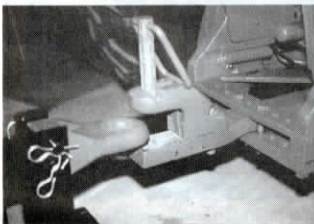


Rolling dump box installs in pickups.

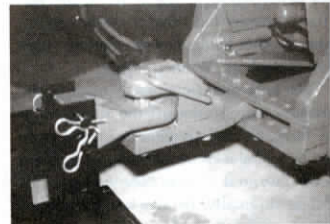
can slip it into the bed whenever you need it. Stores easily when not in use."

Sells for \$695.

Contact: FARM SHOW Followup, Roger Young, Young Inc., 2515 High School, Brentwood, Mo. 63144.



Operator backs up into drawbar.



Pin automatically falls into place.

"All-Mechanical" Automatic Hitch Pin

Here's one of the slickest automatic hitch pins you'll ever see. It's called the "Drop-Pin Hammerstrap" and was invented by Brian Olson, inventor of the hydraulically-operated Olson Power Pin previously featured in FARM SHOW.

"It's all mechanical with nothing to wear out on it," says Olson. "The operator just backs up into the drawbar and watches as the pin automatically falls into place."

The Hammerstrap bolts to the top of the existing tractor drawbar (you drill holes into the Hammerstrap to match the drawbar holes). It's designed to be used with Olson's "Perfect Hitch", which bolts onto the front of the implement tongue. To set the pin for automatic hookup, the operator lifts the drawpin up, allowing a handle on the drawpin to rest in a cradle. When the tractor driver backs up to the implement, the nose of the implement hitch hits a trig-

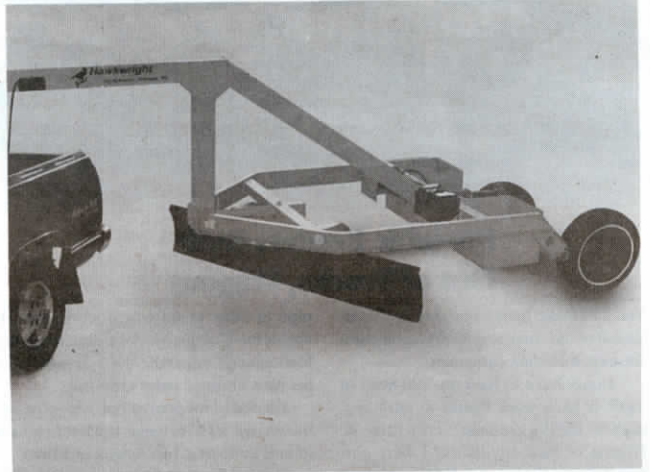
ger that pushes the drawpin handle out of the cradle. The drawpin then drops down through the tractor drawbar and the handle comes to rest in a depression at the back of the Hammerstrap, where it keeps the drawpin in place.

"The only way the drawpin can come out is when you lift the handle and pull up the pin," says Olson.

The round front part of the Perfect Hitch adapter fits into a round alignment cup on the Hammerstrap so you don't have to be dead center when you back up.

The Drop-Pin Hammerstrap sells for \$179. The Perfect Hitch sells for \$100.

Contact: FARM SHOW Followup, Power Pin, Inc., 3018 Gordon Road, Regina, Sask., Canada S4S 2T8 (ph 306 525-8833).



Pony Grader pulls behind pickup on gooseneck hitch.

Grade Roads With Your Pickup

You can grade an existing road or build a new one with your pickup using this new 5th wheel grader from Hawkwright Products.

The 8 ft.-wide grader with gooseneck hitch can also be adapted to a tractor 3 pt.

The spring-loaded 8-ft. blade is adjustable four ways, thanks to independent hydraulic-controlled raised wheels so it's great for building a crown, sales manager Don Wiener notes.

There's a minimum of 6 in. ground clearance for the blade when the grader is fully raised. Controlled from the pickup or tractor cab, the grader weighs 1,800 lbs. without ballast. Ballast can be added.

Sells for \$3,295 complete with electric-over-hydraulic system. Attachment for a 3 pt. tractor hook up sells for \$199.95.

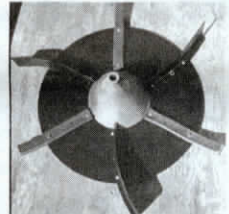
Contact: FARM SHOW Followup, Wasp Inc., P.O. Box 100, Glenwood, Minn. 56334 (ph 612 634-5126).

Spreader Kit For Axial-Flow Combines

"Our new spreader kit for IH Axial-Flow combines has curved metal deflector fins that throw straw and chaff out farther than the original rubber bats," says Brad Exner, Killaly, Sask.

Three 5-in. high curved fins bolt onto each existing chaff spreader, replacing every other bat. The fins are curved in opposite directions on each spreader.

"The curved design holds material longer before letting it go, spreading residue out to the full width of the combine," says Exner. "The kit includes longer drive shafts than the original ones so the tops of the fins clear the sides of the combine. Our kit is much less expensive than hydraulic-driven chaff spreaders and requires no extra horsepower. Also, it doesn't obstruct



Add-on kit consists of 5-in. tall metal fins.

access to the sieve. The angle of the fins can be adjusted to vary the spreading width by changing the position of the bolts."

Sells for \$210 (Canadian).

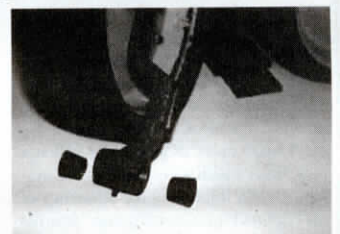
Contact: FARM SHOW Followup, Exner Farms, Box 37, Killaly, Sask., Canada S0A 1X0 (ph 306 794-4548).

Tapered Bushing Reduces Wear On Gauge Wheel Arms

If the gauge wheels on your Deere or Kinze planter have worn arms and pivot pins, you can make the arms "better than new" by having the straight or eccentric bushings replaced with new tapered bushings and you won't ever have to replace the worn pins, says Luecke Enterprises, Hays, Kan.

The greasable, tapered bushings are made from a graphite-impregnated composite material that reduces wear even though they have more surface area than the original bushing, says Bill Luecke. "On older Deere and Kinze planters, the surface area of the bushings is so small that the bushing wears out fast and also causes wear on the pivot pin. Another advantage is that our tapered bushing bridges the worn part of the pivot pin so that you can continue to use badly worn pivot pins. The Deere pivot pin isn't replaceable so if the arm wears out you have to buy an entire new unit.

"We've used these tapered bushings on our own Deere 7000 for the past two years, planting 1,500 acres a year, and we haven't



Bushings have more surface area for longer wear.

had to replace a single one yet. Normally, the farmer sends us his worn-out gauge wheel arms and we rebuild them. However, we also have rebuilt units for sale. We'll pay \$1 apiece for worn-out arms."

The rebuilt gauge wheel arms sell for \$17.36 including the bushings. Bushings alone sell for \$3.68 apiece.

Contact: FARM SHOW Followup, Luecke Enterprises, 765 E. 41st., Hays, Kan. 67601 (ph 913 628-1426).