



Kicker pushes the bale far enough backwards so you can close the rear door without backing up before you dump the bale.

LETS YOU CLOSE DOOR WITHOUT BACKING

Add-On "Kicker" For Round Balers

If you make a lot of round bales, you'll like this new add-on bale kicker that pushes the bale far enough backwards so you can close the rear door without backing up before you dump the bale.

Manufactured by Green Country Mfg., Inc., in South Coffeyville, Okla., the new spring-loaded kicker is activated by the lift of the rear door. It consists of a wrap-around frame that attaches to each side of the door. Four 1 1/4-in. dia. springs - two on top and two on the sides - hold the kicker frame close in to the baler when the rear door is shut. When the door opens to drop a bale, the kicker is held in place by the bale as it comes out above it. As the door opens, the springs are stretched until finally, when the door is all the way up, enough tension is created by the springs that the kicker pushes

the bale to the rear. When the door shuts, the kicker resets itself.

"It kicks with a lot more power than factory units that come as optional equipment on some new balers," says Floyd Wyrick, company representative. "It saves time by eliminating the need to back up and it saves wear and tear on transmissions because you don't have to clutch and shift so much."

The kicker requires no modification of the baler other than to drill a few holes. Sells for \$825. Fits Deere, Hesston, IH, and Vermeer balers.

For more information, contact: FARM SHOW Followup, Green Country Mfg. Inc., P.O. Box 471, South Coffeyville, Okla. 74072 (ph 316 251-2211).

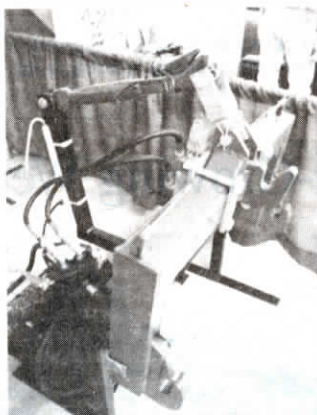
LETS YOU HOOK UP IMPLEMENTS FROM THE DRIVER'S SEAT AND ADJUST THEM ON-THE-GO

Hydraulic 3-Pt. Top Link

"My add-on adaptor mounts on a tractor 3-pt. hitch and lets me adjust the top arm hydraulically from the driver's seat," says Darwin Reyne, Rushmore, Minn., whose "Hitch-Matic" recently received top "new invention" honors at a Midwest equipment show.

The hydraulic-adjust link arm consists of a hydraulic cylinder and a steel bracket plate that bolt to a 3-pt. quick-hitch frame. The top end of the bracket is pinned to the top arm and the bottom end is pinned to the 3-pt.'s top link. The hydraulic cylinder forces the top arm up or down causing the 3-pt. hitch to pivot back and forth.

"Without a hydraulic-adjust system you often have to get on and off the tractor several times before the top arm is set right," says Reyne, who's testing prototypes and hopes to bring his "Hitch-Matic" system to market soon. "Another problem is that today's heavy machinery puts so much pressure on the top arm that it often can't be adjusted unless you raise or lower the entire quick hitch. My Hitch-Matic link arm eliminates getting on and off the tractor to mount, unmount or adjust 3-pt. mounted implements. It also allows you to adjust the 3-pt. hitch on-the-go. For example, if you want to



Hydraulic cylinder forces the 3-pt. hitch's top arm up or down causing the hitch to pivot back and forth.

cultivate deeper, simply move the hydraulic control lever to change the cultivator's pitch."

For more information, contact: FARM SHOW Followup, Darwin Reyne, Rt. 1, Box 51, Rushmore, Minn. 56158 (ph 507 478-4213).

FILLS ENGINE CRANKCASE AUTOMATICALLY

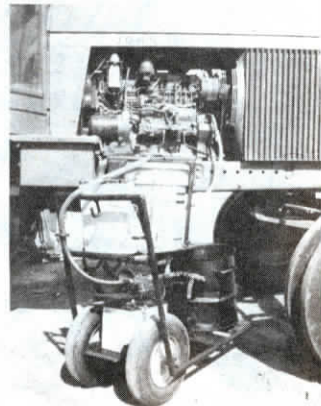
Oil Change Cart

William Bunde, Lyons, S. Dak., built an oil changing cart that automatically refills engine crankcases and reduces the chances of getting dirt into the engine as often happens when using funnels and cans.

"I use this cart to change oil on all my equipment. It really simplifies oil changes and saves so much time that I can't understand why someone hasn't thought of it before," says Bunde. "It takes 5 min. or less to change oil and while the cart is filling the tractor with oil I can do something else. The hoses work great for filling hard-to-reach hydraulic reservoirs, such as the one on my Deere 7720 combine. The sight gauge on the cart's oil reservoir tells me at a glance how much oil has been put into the tractor and how much more should be added."

The self-contained cart, built from 3/4-in. pipe, is 40 in. long, 36 in. wide and 20 in. high. It's supported by two wheelbarrow tires in the rear and one caster wheel in front. A 12-ga. metal platform supports a 12-V battery and a 15-gal. barrel which holds the dirty oil. Bunde made it by cutting a barrel in half and welding handles on its sides. A raised platform supports a 5-gal. pail which holds new oil. Bunde cut a hole in the bottom of the pail and installed a 3/4-in. fitting for the oil fill hose. The cart also contains a battery-powered pump, a record book case, and hooks for filter wrenches.

Bunde uses the pump on the oil change cart both to refill oil and to refill the cart from a 30-gal. oil barrel in his shop. To fill a tractor crankcase with oil, he connects a

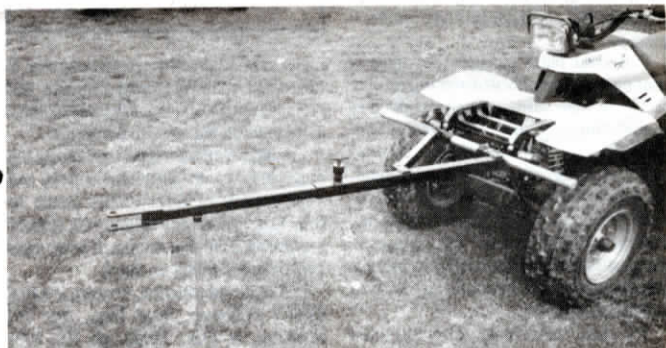


Cart's 5-gal. pail holds new oil and a 15-gal. barrel holds dirty oil. A battery-powered pump is used to fill the tractor crankcase with oil.

hose from the oil reservoir on the cart to the crankcase fill hole, opens up the reservoir valve, and flips on the pump.

To drain old oil from the crankcase, he simply places the 15-gal. half-barrel under the crankcase's drain opening. "The 15-gal. pail is large enough that it won't overflow. There's nothing I hate more than trying to drain 5 or 6 gal. of oil into 1 or 2-gal. pails," says Bunde.

Contact: FARM SHOW Followup, William Bunde, Box 27, Lyons, S. Dak. 57041 (ph 605 543-5522).



Tow bar telescopes out to 5 ft. for towing behind pickup, tractor or other rigs.

FOLDS OUT OF WAY WHEN NOT IN USE

Built-In ATV Tow Bar

"There's no shake, rattle or roll in this tow bar. It's solid," says Paul Schimmoeller, Kalida, Ohio, about the ATV tow bar he designed and now manufactures.

When folded the tow bar is 34 in. wide, so it's narrower than even the smallest 4-wheel ATV's. It telescopes out to approximately 5 ft. for towing behind pickup, tractor or other equipment.

"It's built of heavy-gauge metal to handle the largest ATV. All joints are of close tolerance so it won't rattle even at highway speeds or over rough fields," says Schimmoeller, Kalida, Ohio.

Sells for \$139.

Contact: FARM SHOW Followup, Paul R. Schimmoeller, Fold-A-Way Tow, Inc., Box 10, Kalida, Ohio 45853.



Folded tow bar is 34 in. wide, narrower than any 4-wheel ATV.