



Cage is equipped with a safety harness that holds rider safely in place as machine rolls.

## ELLIPTICAL CAGE ROLLS ATV NO MATTER WHICH WAY IT TURNS OVER

# Crash Cage For ATV's

"The response to it has been overwhelming. Everyone's looking for a way to make ATV's safe and this cage works," says inventor Dan Kincheloe, Kingston, Okla., who started working on his "crash cage" after he was asked by a Texas Congressman to help find a solution to ATV safety problems.

Kincheloe says about 6 million ATV's have been sold since they were first introduced in the 1970's. At least 1,500 people are known to have died in accidents and more than 100,000 are injured each year, many with spinal cord damage and most of them kids.

According to Kincheloe, designing a roll cage for an ATV was not easy. He started with a simple single roll bar but that didn't work because the rider still got tossed around. He decided he had to come up with a cage that would roll the machine back up onto its wheels no matter which way it turned over. In addition, his "double elliptical" cage is equipped with a safety harness that suspends the rider, holding him or her safely in

place as the machine rolls.

"We've tested it in 277 crashes. No matter which way you tip it over, it simply rolls," says Kincheloe. The safety harness becomes part of the seat so it's nearly impossible to operate the ATV without slipping into it. "Once you start using the harness you'll never want to drive without it because it makes the rider so much more stable. Makes the machine a lot easier to control and more fun to operate."

The cage bolts to the frame of any 3 or 4-wheel ATV. It includes a screen mesh floor that protects the feet, and a brush screen up front. Cargo-carrying attachments are available for carrying ladders, lumber, tools and other equipment or materials. The entire cage weighs just 62 lbs.

It will soon be available for between \$595 and \$695.

For more information, contact: FARM SHOW Followup, Kincheloe-Taylor, Corporation, P.O. Box 565, Kingston, Okla. 73439 (ph 405 564-2557).

## OUT-OF-THE-WAY SPRINGS STOP ARMS FROM FLOPPING BACK AND FORTH

# Hold-Down Springs For 3-Pt. Hitch Arms

Stopping 3-pt. hitch arms from flopping around seems like it would be an easy problem to solve but a Minnesota manufacturer who's come up with his own hold-down springs says that for some reason most tractor manufacturers have ignored the problem.

Doug Quast of Gaylord has just gone into production on hold-down springs that completely stop noisy hitch arm flop when no implement is hooked to the tractor. The springs mount out of the way under the hitch arms.

"I've seen all kinds of solutions to this problem including tarp straps, car springs, rope, and wire. None of them work as well as these springs and they're out of the way. I've had one set out for three years and the

farmer loves them. They work so well we're starting to sell them," says Quast.

When the hitch is raised, it tightens the springs, holding the arms against the wear blocks. When lowered, the springs release so you can move the arms back and forth freely without fighting the springs.

The springs are 8 in. long and 1 1/2 in. dia. and attach in place in minutes with no drilling required. The universal brackets fit all Deere tractors from 1960 to current models as well as most White and Allis Chalmers models. Quast says he can adapt the brackets to fit most other models with the problem. A set of springs sells for less than \$40.

For more information, contact: FARM SHOW Followup, Doug Quast, Gaylord, Minn.



Pickup box is replaced with a "Hydra-Bed" to let you pick up, haul and unroll bales.

## EQUIP IT WITH A PTO, HYDRAULICS, FLATBED

# Turn Your Pickup Into A Tractor

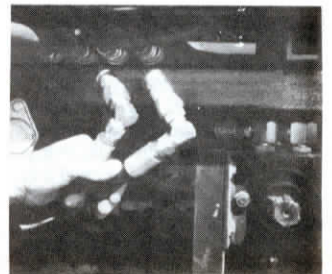
Triple C Mfg., Sabetha, Kan., uses a four step process to turn pickups into tractors:

**Step 1:** Remove the regular bed, replacing it with a flatbed Hydra-Bed to pick up, haul and unroll big round hay or silage bales.

**Step 2:** Add hydraulics to power the synchronized arms built into the Hydra-Bed. They come together and spread apart simultaneously, and lower completely to the ground. Right from the seat you can load and haul two big bales (up to 2,500 lbs. each). The hydraulic under-the-hood pump (11 gpm) is belt-driven off the pickup's engine. An integral 5-gal. capacity oil reservoir is located behind the cab.

**Step 3:** Add a rear-mounted pto, using the hydraulic system to power a high torque 200 rpm unit, a 540 rpm unit, or both.

**Step 4:** Add a heavy duty hitch for towing heavy equipment. It, plus the add-on hydraulics, allows you to tow and fold the wings on wide equipment for road travel. The hydraulic system can also be used to



Rear-mounted pto is powered by the hydraulic system.

power an optional post hole digger which hangs on the end of the right or left big bale lift arm.

Prices, including installation, are \$5,370 for the Hydra-Bed and hydraulic system, \$330 for the pto, and \$787 for the posthole digger, not including an auger.

For more information, contact: FARM SHOW Followup, Triple C Mfg., Rt. 4, Sabetha, Kan. 66534 (ph 913 284-3674).

## VERSATILE "HIRED HAND" HAULS, DIGS AND DUMPS

# Turn Your Tractor Into A Pickup

You can haul, dig and dump with the rear-mounted Scoop-n-Haul from Kness Mfg., Albia, Iowa that "turns your tractor into a pickup. It'll even load and tote big round bales," according to Dwight Mater, Jr., marketing manager.

Available in eight 3-pt models to match tractor size and needs—from 36 in. wide (5 cu. ft. capacity) to 78 in. wide (36 cu. ft. capacity). All models are equipped with a dumping lever operated from the tractor seat.

The base skin is made of 16 ga. hot rolled steel, and the sidewalls of 12 ga. steel. The bottom U-shaped cutting edge is made of high carbon "grader blade" steel and extends across the full width and along both sides. To choose the cutting angle, you simply raise or lower the hydraulic lift, or the adjustable top link.



Rear-mounted "Scoop-n-Haul" is available in eight 3-pt. models.

Prices range from \$528 for the 5 cu. ft. model, to \$1,048 for the largest 36 cu. ft. model.

Contact: FARM SHOW Followup, Kness Mfg., P.O. Box 70, Albia, Iowa 52531 (ph 1 800 247-5062, or 515 932-7846).