



Baler carrier folds to ground for easy big bale handling.

## FREES TRACTOR'S PTO

# New "Fold Up" Bale Carrier

A new "fold up" bale carrier from the Hepola Co., Deere Creek, Minn., can be left on the tractor indefinitely without interfering with regular use of the pto or drawbar.

Another exclusive feature of the device, called "Mr. Round-Up," is its ability to lift big bales onto flatbed trailers or pickups, or into self-feeders.

"It's made of tensile strength steel, which is about six times as strong as regular steel," explains Mike Hepola who, along with Dennis Pearson, designed the fold-up carrier. "It's rated at 2,000 lbs. capacity, yet only weighs 255 lbs. To mount it on the tractor, you simply back up to it."

For hauling big bales, a short (9 in. long) spear at the top acts as a safety catch to prevent big bales from rolling backwards onto the tractor when raised. This top spear can be removed in seconds, via a detachable pin, to convert the carrier into a fork-lift for moving palletized material in or out of truck boxes, flatbed wagons, trailers, or whatever.

The twin forks, equipped with an 8 in. cylinder, can be raised or lowered



Carrier folds up out of the way.

up to 14.5 in. from level for controlling and positioning big bales as they're being handled for loading, unloading or feeding.

The standard "Mr. Round-Up" fits Cat. II 3-pt. hitches but easily adapts to Cat. I and III. Recommended for use with 65 hp. or larger tractors, it retails for \$569.

For more information, contact: FARM SHOW Followup, Hepola Co., Deere Creek, Minn. 56527 (ph 218 462-2355).

## FITS ALL COMBINES

# New "Corn Rooter" Picks Up Down Corn

"It'll salvage up to 99% of any downed corn crop, even if it's laying flat on the ground. What's more, you can harvest at the same speed you normally travel harvesting unlogged corn," says Nebraska farmer Les Kalkwarf, of Aurora, inventor of the new "Corn Rooter" which fits virtually all combines.

The Corn Rooter, which replaces each existing snout on the corn head, consists of two snouts with a rotating cylinder in between. The unit attaches to the same holes and hanger chain on which the original snout was mounted.

Each snout travels about 5 in. from the corn row to pick up down stalks and guide them up and into the feeder. The clean-out cylinder between the snouts is powered by a hy-

draulic motor run off the feeder housing, and rotates at 80 to 90 rpm's. Controls for the Corn Rooter mount in the combine cab.

"Snouts are available for 30 to 40 in. row widths," says Kalkwarf. "In good standing corn and on end rows you can bring the two adjacent snouts together to form one snout by loosening two bolts and pushing them together. That way you can always leave the Corn Rooter on."

Key to the system are retractable fingers, mounted on each revolving cylinder, that help feed stalks into the machine. Heads for 30-in. rows have a cylinder 10-in. wide with three 7-in. fingers. The 36 in. model has a 16-in. wide cylinder with 4 retractable fingers. Kalkwarf explains that the lack of room inside the cylinder for the



Cap Chur gun shoots syringes, loaded with medication, into sick or unruly animals.

## LETS ONE MAN TREAT EVEN THE BIGGEST ANIMAL ALONE

# "Cattle Gun" Helps Treat Sick Or Unruly Cattle

A rifle may be one of the handiest tools you'll ever find for working cattle. Not an ordinary rifle but a "cattle gun" that shoots tranquilizers or medication into sick or hard-to-handle animals.

The rifle and syringes are part of the Cap Chur system produced by Palmer Chemical and Equipment, Douglasville, Georgia. The concept has been used for some time on a wide range of animals including elephants, dogs and cattle.

The system features a variety of options depending on the animal to be treated. Two rifles, one that uses blank 22 cartridges and another that uses CO<sub>2</sub> gas for power, are commonly used on cattle. You "shoot" the cartridge, loaded with medica-

tion or a tranquilizer, into the animal's skin. Upon impact, a charge forces the treatment into the animal. The syringe then works its way out and can be reused.

Palmer sells a kit for "shooting" cattle for \$406. It includes a long range rifle that fires 22 blank cartridges and is good up to 80 yards, gun case, power loads, 12 different sized syringes ranging in size from 3 cc to 15 cc., 3 sets of charges, and one jar of plunger lube. Tranquilizers and medication are available from supply stores and veterinarians.

For more information, contact: FARM SHOW Followup, Palmer Chemical Equipment Co., P.O. Box 867, Palmer Village, Douglasville, GA 30133 (ph 404 942-4395).



Each row unit features two snouts with a rotating cylinder, equipped with retractable fingers, in between.

fourth bearing prevents the 30-in. model from having an additional finger.

The Corn Rooter fits any combine but Kalkwarf is unsure how it would

work on crops other than corn.

For more information, contact: FARM SHOW Followup, Midwest Irrigation, Henderson, Neb. 68371 (ph 402 723-5374).