

LETS YOU MAKE SAME WEIGHT BALES UNDER ALL CONDITIONS

Round Bale Hay Scale Weighs "On The Go"

When custom baler J.D. Rogers, Checotah, Okla., got tired of never knowing the weight of bales he produced for customers, he decided to make his own "on board" hay scale.

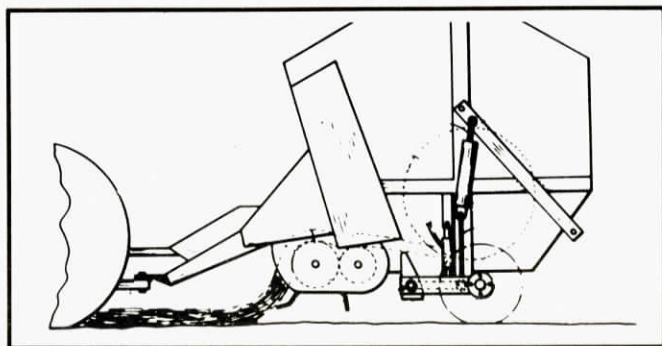
The scissor-type bale weighing device is designed to fit any round baler and fits between the bale chamber and the baler support wheels. It's accurate to within less than 1%.

"It'll let you make bales of the same weight regardless of varying conditions. When hay is moist or dense, the bales will be smaller and when it's dry they'll be larger. For the individual farmer, this lets him make all his bales the same weight, matching them to his feeding and handling

equipment and, most importantly of all, letting him know exactly how much he's feeding to livestock," Rogers told FARM SHOW.

For custom balers, and their customers, Rogers says his bale weigher should be standard equipment. "Manufacturers have estimates on how big a bale their machine will make but, when we weigh bales, we find almost no bales of the stated weight. Many custom balers overestimate the weight of the bales, thus making more bales and overcharging their customers."

Rogers has been using the bale scale on his Vermeer baler for the past couple years. He has approached



Hydraulic load cells at the base of the bale chamber monitor bale weight.

both Vermeer and Deere & Co. with the idea but has not yet worked out an agreement with either company.

The hay scale requires no modification of the baler itself. The scissor type unit mounts between support wheels and the chamber, using hydraulic load cells. Readout in the tractor cab is either with a simple pressure gauge converted to pounds,

or with a digital readout that can be fitted to the unit.

Rogers is looking for a manufacturer for the unit. He figures it will cost between \$1,000 and \$2,000.

For more information, contact: FARM SHOW Followup, Laurence J.D. Rogers, Rt. 1, Box 230, Checotah, Okla. 74426 (ph 918 463-2603).

CLEARs ROCK-INFESTED LAND

Giant Roller Pushes Rocks Underground

Gudmund Skretting doesn't pick rocks anymore on his Enchant, Alberta, farm. Instead, he built a giant land roller that pushes rocks back into the ground where they're out of the way.

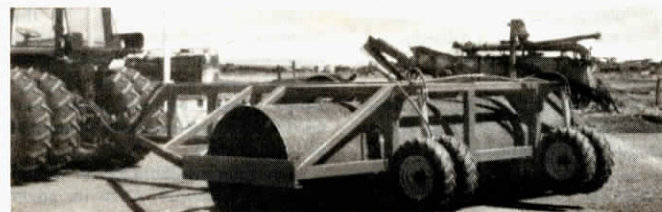
The rock pusher has a giant-sized roller 4½ ft. in dia. and 16 ft. long. It holds 1,300-1,400 gal. of water, a payload of 5 to 6 tons.

"Since we've used the roller we have had almost no damage to sickles and guards on haying equipment. In good conditions in the spring, even large rocks can be pushed in so they're level with the top of the ground," says Skretting.

The roller itself was made from a big piece of gas line pipe made of ½ in. thick metal and measuring 4 ft. in

dia. It has ½-in. end plates, and three ½-in. baffle plates inside. A 3-in. dia. by 4-ft. stub shaft can be removed for repair. The shaft attaches to 3-in. flush-mount bearings that can be removed and replaced by taking the ends off the frame.

The frame of the roller was made from frames of three wrecked rod weeders and assorted scrap metal. It consists of 4½-in. square tubing and 3½-in. by 4½-in. tubing. The frame had to be built extra strong with bridging and bracing to be strong enough to turn corners. The side plates of the frame are ½-in. thick with 3-in. iron strips welded to the edges for reinforcing. The wheels were salvaged from the wrecked rod weeders and the hydraulics from a



Skretting used three junked rod weeders to build roller.

tree trimmer. Skretting used small cylinders on the frame so that it could not be lifted accidentally when the roller is full of water, which would damage the frame.

He designed the roller himself and built it with the help of his sons during the winter of 1981. He spent two years collecting material for it before he began building.

"You can easily add water to the drum or subtract it, depending on conditions," he says. "It has been used extensively on hay ground to bury rocks and to help level land. It has also been used to level and bury rocks on local air strips and on empty

pea ground. We compacted a floor of a silage pit that was made from crude oil and gravel."

Skretting says the roller has pushed rocks into the ground that were as big as 16 in. in dia. Average rock size, however, is 4 to 5 in. in dia. He uses the roller every spring, pulling it with a 120 hp. tractor. He's rolled more than 5,000 acres with no problems. Total cost to build it, including labor and materials, was right at \$1,700.

For more information, contact: FARM SHOW Followup, Gudmund Skretting, Box 1846, Enchant, Alberta TOK OVO (ph 403 739-2140).

ELIMINATES THE FOLD OF CONVENTIONAL MARKERS

New Telescoping Planter Marker

Latest innovation in planter markers is the "Telemark" which telescopes to half its original length — eliminating the fold of conventional markers and allowing you to plant about 16 in. closer to fence rows, trees, poles and other obstacles in the field.

The new-style marker, manufactured by Jet Marketing, Belgrade, Neb., bolts on in place of your regular marker and is in two sections which telescope, one inside the other.

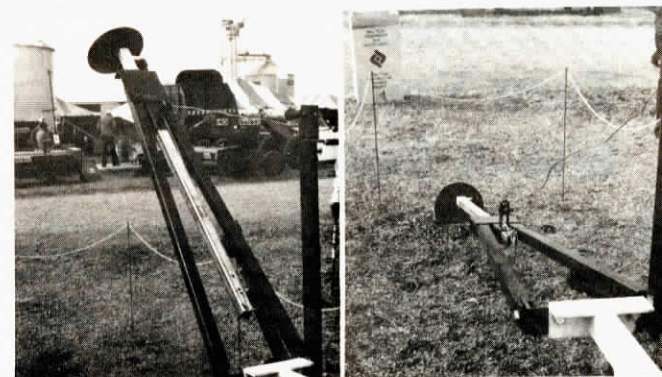
A hydraulic cylinder raises and lowers the marker. When the marker is raised, the outer section (with the marker disk on it) gravity falls half of its outstretched length. As you lower the marker, a cable and pulley system

extends the telescoping arm back out to its full length.

"We feel the marker will be popular with Cyclo planter owners to replace the light marker that came with them. We can fit most 4 to 12 row planters and also many drills," says the manufacturer.

A set of markers for a 6 row wide planter sells for right at \$440, which includes cylinders. Retrofits for Cyclo planters are cheaper since some parts of the original marker can be used on the Telemark.

For more information, contact: FARM SHOW Followup, Jet Marketing, Terry Twiestmeyer, Rt. 1, Box 34, Belgrade, Neb. 68623 (ph 308 357-1186).



When raised, gravity retracts the marker, left. When lowered, a cable tied to the planter pulls it out to full length.