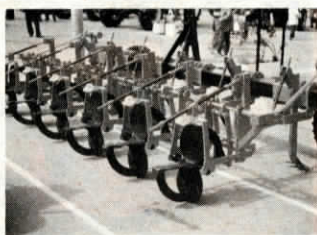


## Revolving Dike-Maker

New style field dam maker lets you space water saving dams at any distance to trap water under irrigation systems or on uneven ground to stop runoff.

The 3-pt. toolbar mounted 6-row dam maker uses two 10-in. dia. discs mounted on a revolving shaft to dam up dirt in the row. A deep chiseling shank ahead of the dammer units digs up the soil.

The discs simply pile up dirt until a ground-driven mechanism trips them and the dirt is released and the other disc drops down into place. By changing sprockets on the disc-tripping device, you can vary the distance and size of the dams. Tension on the dammers can also be adjusted to allow them to trip automatically when they hit an



object. In extremely hard or dry soil a set of spider wheels can be mounted behind the chisel shanks but ahead of the dammer units to break up soil chunks.

The 6-row dike-maker, with variable row width, sells for \$9,000.

Contact: FARM SHOW Followup, Agrom, S.A., Apartado de Correos 23, Binefar, Huesca, Spain (ph 42 83 00).

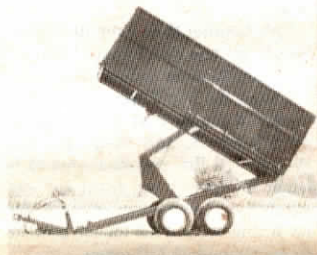
## Bale-Stacking 90° Dump Trailer

Gascon's 12-ton trailer doubles as a bale hauler — up to 180 conventional square bales — and general purpose dump trailer. What makes it special is that it raises up to a completely vertical 90° dump angle, thanks to the unique "bendable" design of the trailer chassis.

To haul bales, the sides of the trailer are removed except for front and back stacking plates. The bale stack can be pushed off intact onto the ground from the horizontal by lowering the rear end of the trailer to the ground, or you can lift up to the 90° angle and stack the bale pile on end. By adding sides to the trailer, it can be used to haul anything and will dump either to the rear or front.

To lower the rear end of the trailer to the ground for pushing off a stack of bales, a hydraulic cylinder on the tongue of the trailer simply tilts up the trailer frame. The two-way dump trailer sells for \$8,000.

Contact: FARM SHOW Followup, Gascon, General Franco 93, Bunuel, Navarre Spain (ph 948 83 30 82).



## Big Bale Ammonia Chamber

Straw becomes a nutritious, palatable cattle feed when treated in this new totally controlled bale treatment chamber.

Straw is saturated with anhydrous ammonia inside the chamber to break down its structure and increase digestible protein from about 1% to 7½%, according to the manufacturer, Batlle from Gerona, Spain.

The chamber is 6 by 6 ft. and 7½ ft. deep, but can be built to any size. It's easy to load with either round or square bales and is fitted with electronic controls that constantly monitor the amount of ammonia injected and the state of the straw as it's treated. Many European farmers now treat straw by simply injecting ammonia into sealed plastic bags. The company says their new chamber cuts the cost of treating 1



ton of straw from \$20 to \$12 by controlling treatment inside the chamber and eliminating waste. The treatment, they say, triples the value of the straw.

The new bale chamber sells for about \$17,000.

Contact: FARM SHOW Followup, Batlle, S.A., C/Freser 39-41, Gerona, Spain (ph 211600).

# FARM SHOW

Best New  
Ideas From  
Spain

FARM SHOW editors cover all major shows in the United States, Canada and foreign countries to keep you and other readers posted on latest new products. Featured here are just a few "best of the show" ideas which caught Editor Mark Newhall's eye at the recent Feria De Muestras show (FIMA) in Zaragoza, Spain. The FIMA show, which is the largest in Spain, attracted more than 250,000 visitors from throughout the world to view nearly 1,000 exhibits. The big show is in its 20th year.

## Pto-Powered Rock Crusher

"Why haul them away when you can crush them to release their nutrients into the soil," asks Eduardo Fachal, representative of Tiburon, manufacturer of a new in-field rock crusher that turns rocks up to 1½-ft. in dia. into powder and tiny chunks on the go.

The pto-powered 56-in. wide crusher uses heavy-duty, hard surfaced metal hammers that swing freely on a rotating shaft to pulverize any kind of rock. The hammers beat the rock against a comb-like metal grate that also helps break them up. Height of the crusher can be adjusted to dig rocks out from just under the soil surface.

The crusher requires a minimum 100 hp. tractor with 540 rpm. It



moves through the field at about 1½ mph. The rock crushing hammers must be replaced every 1,000 acres in soft rock and every 250 acres in hard, granite rock. The machine sells for about \$9,033.

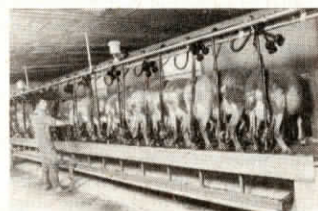
For more information, contact: FARM SHOW Followup, Tiburon, S.C., C/Esquedas, 12, Zaragoza, Spain 50014 (ph 39 80 28).

## Sheep-Milking Conveyor Belt

New sheep-milking conveyor belt moves animals on and off in a hurry and feeds them in the process.

Built by Fullwood, the mobile milker (which can also be used for goats) can be built to hold from 6 to 24 sheep. It's fitted with a wood slat conveyor belt that turns on two large rollers at either end. Each animal is held in place by headlocks on wooden "tombstone" slats, affixed to each of which is a feed bowl filled with grain from an overhead auger. The slats and feed troughs rotate with the conveyor belt.

Animals are herded onto the belt via a chute at one end. Once the belt's full, milker's are attached. When finished, the belt is rotated to the opposite end where the head locks are released and they file away down



another chute.

A 12-sheep model sells for around \$8,000, not including milking equipment.

Contact: Fullwood-Packo France, 74 Route De Neufchatel, B.P. 10, F-76440 Forges-les-Eaux, France (ph 35 90 4242).