



Bumper's hydraulically-powered arms swing out to grasp bale.

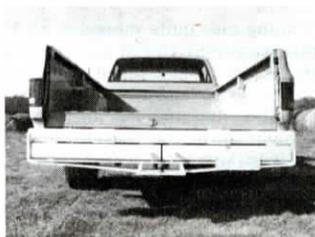
## LEAVES BED OPEN FOR PULLING TRAILERS

# "Bale Bumper" For Pickups

"I didn't like the idea of giving up the back of my pickup to a bale mover, especially since I pull a trailer most of the time," reports Rod Lambirth, Edmond, Okla., designer of the new "Bale Bumper," a two-in-one bumper and round bale mover.

It replaces the existing bumper and bolts right to the truck frame. However, unlike any other bumper, it has two hydraulically-powered arms, each powered by its own cylinder, that swing out to grasp onto big round hay bales. A third cylinder rotates the arms up to lift bales weighing as much as 1,800 lbs. onto the truck bed. The arms also telescope out 24 in. for more clearance, and to handle odd-sized bales.

A belt-driven hydraulic pump on the engine powers the three cylinders. In the bumper configuration, the Bale Bumper arms are pinned to ensure that towing stresses are absorbed by the truck frame, not the lifting cylinder.



Arms fold in to allow bumper to be used for normal towing.

Lambirth notes that, with the arms folded in, the bumper is strong enough to tow anything that a regular bumper can handle.

The Bale Bumper is equipped with an in-cab and remote control for loading and unrolling bales. Sells for \$2,240, without hydraulics.

For more information, contact: FARM SHOW Followup, R & D Mfg., Rod Lambirth, Edmond, Okla. 73034 (ph 405 340-0123).

## REMOVES MOISTURE, GASES, ODOR WITHOUT REMOVING HEAT

# Low-Cost Dehumidifier For Livestock Barns

You'll like the price tag on the new all-aluminum dehumidifier for livestock and poultry barns introduced by International Livestock Equipment Co. (Ileco), of Fairfield, Iowa.

Priced at only \$850 and easy to install, it's billed as "the most efficient and economical dehumidifier on the market for hog, cattle, poultry or turkey barns."

"It removes moisture and soluble gases and odors without removing heat," explains Cloyce Palmer, president of Ileco.

An intake fan, driven by a 1/30 hp motor, costs about \$10 a month to operate, says Palmer. It's located inside the building (near the ceiling) where it sets inside the unit's 8 in. dia. top horizontal tube (see photo). The fan draws moist air out of the building through the lower 8 in. dia.

tube and up through the vertical 10 in. dia. tube.

"As moist air rises in the vertical tube, a dewpoint is achieved," explains Palmer. "Moisture and moisture-borne gases precipitate from the remaining atmosphere in the form of water droplets which slide down the vertical tube and exit the dehumidifier through a small opening placed in the bottom plug. Dry air continues and is returned to the building."

Palmer notes that, "the colder the outside temperature, the greater the efficiency and the greater the volume of air that can be moved by operating the fan at high speed. The warmer the outside temperature, the slower the thermostatically-controlled fan operates. The system shuts off automatically and isn't needed when outside

## USE SAME UNIT TO DEHORN, TRIM HOOVES

# Working Chute Also Tilts

"As far as we know, it's the only commercially available working chute that doubles as a tilt table," says Matt Gambaiana, For-Most Livestock Equipment, Hawarden, Iowa, of the company's new Tip-Chute.

Like conventional working chutes, its sides squeeze in, the side panels swing out for easy access to the animal and the headboard and tailgate are interchangeable. However, unlike other working chutes, the Tip-Chute pivots into a tip table for surgical work and trimming hooves.

Straps fit around the animal to hold it secure while tilting.

"A key feature is that the animal isn't being lifted by the straps only," explains Gambaiana. "The floor raises and lowers with the animal. After the animal has been tipped, pulling two pins lowers the floor out of the way for access to the animal."

The all-steel table tilts by hand and



Chute floor raises to help lift animal being "tilted".

you can stop it at any number of positions. Stationary and portable models are available with manual and automatic headgates.

A portable Tip-Chute with manual headgate sells for \$2,929.

For more information, contact: FARM SHOW Followup, For-Most Livestock Equipment, Box 322, Hawarden, Iowa 51023 (ph 712 552-1438).

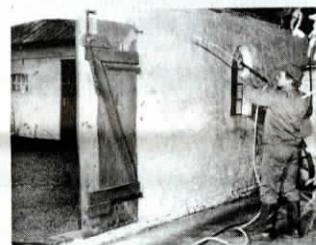
# Whitewash Attachment

"It's the first whitewashing attachment on the market for pressure washers," says K.E.W. Industries of its new "whitewasher."

Although designed specifically for K.E.W. brand washers, it can also be used with other brands having a minimum working pressure of 1300 to 1400 psi, according to Steven White, regional manager.

"The attachment allows you to whitewash barn walls at the rate of 300 to 600 sq. ft. per min., depending on the type of nozzle used," White points out. "It's six to ten times faster than the traditional bucket and brush method."

The attachment comes with two spray nozzles, outlet hose, suction hose, and a hand-held spray lance or wand. Sells for \$295.



Slurry is made of 1 part whitewashing powder and 2.5 pints water.

For more information, contact: FARM SHOW Followup, K.E.W. Industries; Steven White, Regional Manager, 2900 Downers Drive, Downers Grove, Ill. 60515 (ph 312 495-1310).



Dehumidifier is made of 8-in. dia. horizontal pipe, 10-in. dia. vertical pipe.