

**URNS ON AUTOMATICALLY WHEN
SENSOR DETECTS MOVEMENT**

New Farm Floodlight Activated By Motion

New uses are busting out all over for Guiding Light, a portable floodlight that turns on automatically when its built-in sensor detects movement.

You can use it in or around buildings as a security light, or put it near your garage or driveway to light up the area when you, or visitors, drive in after dark.

Another popular use of Guiding Light is to light up the grain handling area at night. When backing trucks or wagons up to the auger, the light can be set so it automatically turns on when the backing vehicle approaches the takaway unloading auger. The working area remains well-lighted until the truck leaves for another load. A "day delay" built into the sensor allows you to set it to respond only to movement during hours of darkness. Sensitivity of the motion detector can be adjusted so it won't respond to the movement of small animals or birds.

Guiding Light is powered by a 6 or 12 volt battery and is easily moved from job to job, whether at headquarters or in the field. It also makes a versatile lighting companion on fishing, hunting or camping trips.

The light uses a 100 watt bulb. It's



Light automatically turns on when you back truck up to unloading auger.

mounted on a 4.5 ft. long steel support stem and has a step-down spike for inserting the standup light in the ground. Comes with 30 ft. of cord. Maximum range of the light's motion detector is right at 50 ft.

Sells for \$130 (Canadian).

For more information, contact: FARM SHOW Followup, Alex Getzlaf, Guiding Light Mfg., Box 360, Avonlea, Sask., Canada SOH OCO (ph 306 868-4449).



The 22-in. prop's blades have a 3-in. pitch, says Denny Ortel, owner.

**3-PT "PROPS" AVAILABLE
UP TO 60 FT. LONG**

"Long Reach" Agitators For Big Manure Lagoons

"They're much more efficient than a pump," says Ortel Mfg., Arcade, N.Y., of its new "long reach" propeller-type agitators for large manure pits and lagoons.

The firm offers "prop" models in 35 and 50 ft. lengths, and will have a 60 ft. model in production this fall. "I don't know of any other firm in the world that offers 3 pt. prop agitators this long," says Denny Ortel, owner.

For 1,000 rpm operation, all three models are equipped with a 22 in. prop whose blades are pitched 3 in. "There's very little vibration — you could set a cupful of coffee on the frame and not spill a drop," says

Ortel.

He notes that the propeller's effective mixing-homogenizing action at a given location is a radius of about 30 ft. "You can do a heavily crusted 200 by 200 by 12 ft. lagoon in 8 to 10 hours," Ortel points out. Recommended operating speed is 1,000 rpm's. All units are equipped with 1-3/4 in. dia. drive shafts and 9 bearings.

The 35 ft. long model sells for \$4,200 and the 50 ft. model for \$5,200. (No price yet on the 60 ft. model).

For more information, contact: FARM SHOW Followup, Ortel Mfg., Arcade, N.Y. (ph 716 496-5050).

BLADE APPLIES 58 TONS OF PRESSURE

New Machine Cuts Up Old Tires For Scrap

"It's powerful enough to cut right through big semi truck tires," says Bill Molder, Lubbock, Texas, inventor and manufacturer of a new machine that cuts truck or car tires into chunks for easy disposal.

"In many states it's against the law to dump old tires so you have to pay extra to get rid of them. The only way many dumps will take them is if they're cut into quarter sections or shredded. This machine cuts through the toughest truck tires including 45-in. dia. 11.24 by 5 steel-belted truck tires. I sell most of my tire cutters to truck stops which charge about \$5 to cut truck tires and \$2.50 to cut car tires. It could be a good sideline business for some farmers."

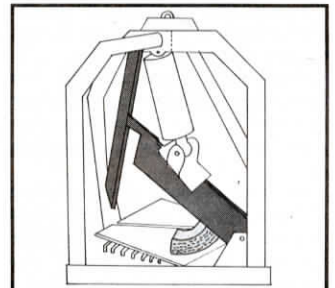
The 3,200-lb. tire-cutting machine consists of a 1-in. thick blunt-edged blade powered by a big 6-in. dia. hydraulic cylinder. The tire simply rests on top of a cutting table. The cylinder applies 58 tons of pressure to the blade. The blade punches down through the tire and into a cutting slot on the table. The tire is manually rotated four times. The blade cuts a 1-in. piece out of the tire on every cut. The cylinder is powered by an 11 hp hydraulic pump driven by a 15 hp electric motor. The frame is built from 6-in. channel iron.

Sells for \$6,000. Molder says it would be possible to build a larger unit for tractor tires.

Contact: FARM SHOW Followup, Bill



This 3,200-lb. machine cuts truck or car tires into chunks for easy disposal.



A 1-in. thick blunt-edged blade, powered by 6-in. dia. hydraulic cylinder, punches down through tire.

Molder, Rt. 7, Box 249, Lubbock, Texas 79401 (ph 806 746-6001).



Hydra Shovel cleans bins from 14 to 22 ft. in dia. and unloads into any transfer auger.

NO NEED TO ENTER THE BIN

Fast New Way To Clean Grain Bins

Now, thanks to the new Hydra Shovel, you can clean grain bins without entering the bin.

Just back the self-contained auger into the bin opening and hit the switch. Then, without leaving the tractor seat, sit back and relax for a minute or two while the Hydra Shovel shovels the bin clean. The auger, equipped with protected flighting, automatically extends to find the outer bin wall.

It'll clean bins from 14 to 22 ft. in dia. and unloads into any transfer auger. Powered by a single hydraulic motor, it requires a minimum 12 by 24 in. bin opening and trails behind a tractor or pickup for road travel. Sells for right at \$3,000.

In the U.S., the Hydra shovel will be sold in 17 midwest and western states by Cenex/Land O' Lakes outlets.



Self-contained auger trails behind a tractor or pickup for road travel.

For more information, contact: FARM SHOW Followup, Hi-Qual Mfg., Box 158, St. Boniface, Winnipeg, Man., Canada R2H 3B4 (ph 204 224-3269).