

## SIMPLE, INEXPENSIVE AUTOMATIC FEEDER

# "Delay Feeder" Feeds Cows While You're Away

"As a dairy nutritionist, I've seen a number of dairymen dramatically increase milk production and fat test by feeding grain four times a day instead of the conventional twice a day," says Dan Pitzen, Clinton, Iowa, inventor of the new Dantzen Delay Feeder.

"It's a simple, low-cost way to feed four times a day without making extra trips to the barn," says Pitzen, noting that the feeders, which cost \$99, are much more affordable than computerized automatic feeding systems. You can use the feeders for all of your cows, or just for the highest producers.

The feeder attaches to a pipe which is clamped to the stanchion or tie stall posts just above the manger. When you feed grain, you feed just half the normal amount. The other half you put in the Delay Feeder, which is mounted just high enough so cows can't eat out of it.

Six hours later, usually noon and midnight, an electric timer triggers the bottom of the feeder to open,



Electric timer opens bottom of feeder automatically.

dropping the grain into the manger.

Each \$99 feeder feeds two cows and holds 10 lbs. of grain per cow. The timer and switch, which control



Each feeder holds 20 lbs. of grain and feeds two cows.

all of the feeders, sell for \$58.

For more information, contact: FARM SHOW Followup, Dantzen Inc., P.O. Box 167, Clinton, Iowa

52732 (ph 319 243-9010; evenings call 242-5108).

## AUTOMATICALLY PROCESSES UP TO 6 CORDS PER HOUR

# "Wood Eater" Cuts, Splits And Loads Firewood

The manufacturers of a new automatic firewood processor say just two men together with their latest "Wood Eater" machine can cut, split and load two cords of wood in 20 min.

Built by Eaglewood Industries, Salmo, British Columbia, the new machine automatically processes logs loaded onto its roller platform. Each log — up to 20 in. in dia. — rolls off the platform onto a toothed chain which carries it forward for cutting and splitting. As the log breaks an electric eye beam, a chain saw bar drops down, cutting the log to a preset length. The log is then pushed across the bed of the machine and

split automatically on a 4-way wedge that makes four even-size chunks of firewood. The wood is then carried by conveyor to waiting trucks or wagons for transport.

The machine is powered by an 18 hp. gas engine. Regular maintenance includes oiling of the saw chain and sharpenings every 5 to 20 cords. The machine is built with off-the-shelf components that can be bought anywhere. The machine sells for \$19,000.

For more information, contact: FARM SHOW Followup, Eaglewood Industries, Salmo, British Columbia, Canada V0G 1Z0 (ph 604 357-2414).



Once logs are loaded, machine automatically cuts and splits them into firewood.

## BRITISH COMPANY PIONEERS NEW CONCEPT

# Engine-Powered Tillage Doubles Tractor Output

A British company has come up with a new tillage tool that requires only 100 hp. to pull even though it does 220 hp. of work.

The Newbern Power Frame combines a front set of deep working chisel shanks with the surface cultivation of a rotary cultivator attached at the rear. The cultivator's powered by its own 122 hp. engine.

The pulling tractor (minimum 100 hp.) is required to pull the front chisel section while the engine drives the rotary cultivator by means of a 1,000 rpm shaft to the cultivator gearbox.

The idea was developed by a

British farmer who wanted larger equipment but didn't want to invest in larger tractors to pull it. Bernewode Designs Ltd., has since begun manufacturing the unit. The company sells an 8-ft. wide Power Frame for \$18,000. "That, plus the cost of a 100 hp. tractor, amounts to less than half the cost of a 220 hp. tractor plus implements," says a company representative.

For more information, contact: FARM SHOW Followup, Bernewode Designs, Ltd., Menmarsh Road, Worminghall, Aylesbury, Bucks, England (ph 08447 801).



Newbern 122 hp. engine mounts above the chisel shanks and powers the rear roto-tiller.