

## "Quality V-Belts At Economical Prices"

"We can save you 10 to 40%,", says Agri-Belts International, new farm market supplier of "quality V-Belts at economical prices."

"If we don't have a scarce replacement belt in stock, there's a good chance we can have one custom made," says Randy Freeman, vice president. "We've saved the day for many farmers who've had to prematurely retire combines and other equipment for want of a drive belt no longer available from equipment dealers or salvage vards. "Our policy on warranty coverage is to

## **Buzzer Sounds** When Grain **Tank Is Full**

When John Freeland, Dalton City, Ill., mounted a grain tank extension on his Deere 6620 combine, he was no longer able to see when the tank was full. He solved the problem by mounting a homemade monitor on the extension that causes a buzzer and light to go on inside the cab when the tank and extension are full.

Freeland used a 6 by 12-in. piece of light gauge sheet metal to make a hinged flap that mounts on a length of angle iron. The angle iron bolts to a hinged 2 by 4 board at the top of the extension. As grain pushes against the flap, it closes a spring-loaded switch mounted on the angle iron. The switch is connected to a buzzer designed for a shaft speed monitor and to a 12-volt light inside the cab. It's also connected to the electric clutch that operates the combine header so that when the tank gets full. he can shut off the header without having to listen to the buzzer.

"I've used it for two years with no prob-lems," says Freeland. "Commercial grain tank monitors sell for \$150 to \$200. I spent less than \$10 to make mine. My only expense was for the buzzer. I already had the push switch. The flap can be adjusted up or down on holes in the angle iron depending on the type and moisture content of the grain. For example, wet corn piles up at a different angle than dry soybeans

'The grain tank extension is too high to clear my shed door so I had to hinge the 2 by 4 so I can fold it down when I put the combine away in the shed for winter.

Contact: FARM SHOW Followup, John Freeland, Rt. 1, Box 90, Dalton City, Ill. 61925 (ph 217 874-2045).

let the customer determine what's fair. If he's operating in tough conditions and a belt he bought from us breaks, he most likely wouldn't expect a free replacement. On the other hand, if he told us the belt broke unexpectedly under normal operating conditions, we'd honor his request for a free or reduced rate replacement.

Contact: FARM SHOW Followup, Agri-Belts International, Randy Freeman, Vice President, 3465 Lost Nation Road, Unit 15, Willoughby, Ohio 44094 (ph 1 800 261-2358, or 216 953-2358).



## Feed Meter

"It's a low-cost way for livestock and poultry producers to accurately monitor feed consumption from bulk bins," says Easy Systems of its new EZ Consumption Meter. 5488).

Priced at approximately \$1,500, it doesn't require equipping your bulk bins with load cells. You simply wire it to the starter motor circuit of your feed distribution system. It monitors the amount of feed exiting the bulk bin. This value can be transmitted to a PC system for graphing and adjusting rations for actual feed intake. It stores up to 400 days of feeding information, telling you how many pounds of a ration are left to feed, and average daily consumption on a per head basis for the last 24 hours, the last 3 days, and the last 7 days.

Contact: FARM SHOW Followup, Easy Systems, 511 2nd Ave. S.W., Trimont, Minn. 56176 (ph 800 397-9736).

## New "Affordable" Grain Bin Monitor

You'll like the price tag on the new fordable" grain bin monitor produced by Boyd Electric. You can equip six medium size bins, for example, for only \$134 per bin, giving you "the lowest cost peace of mind money can buy," says Dave Berckes, distributor. "What's more, you eliminate the cumbersome and dangerous chore of having to periodically climb to the top of bins to check stored grain for signs of spoilage. Besides savings on spoiled grain, you can save electricity costs by aerating only when necessary.

"Researchers report that most grain spoilage begins in the top 2 feet, prompting us to design a single temperature-sensing probe to monitor grain temperature," says Berckes

Individual probes are inserted into the top of the grain after bin is filled. The probes are wired to a central monitor that operates on 110V electricity, which it transforms to 24 volts DC., which may be wired by anyone. Checking grain temperature in up to 11 bins is as simple as flipping the dial and noting actual temperature of stored grain in each bin on the monitor's digital readout.

The weather-proof monitor can be located wherever is handiest - in the house, garage or shop. Because of the design of the system, the bin temperature reading isn't affected by distance between the bins and the monitor, says Berckes

Individual probes are 38 in. long and are pre-wired with a weather-proof junction box on the end.

The monitor retails for \$295, and the probes for \$95 - \$85 if you buy 6 or more.



Probe is inserted into grain after bin is filled.



The cost for do-it-yourself installation, not counting wire between bin andmonitor, pencils out to \$390 for installing the Grain Watcher system in one bin, \$134 per bin for up to 6 bins, and \$112 per bin for up to 11 bins. An optional monitor will handle up to 33 probes.

Contact: FARM SHOW Followup, Berckes Mfg., Rt. 3, Box 228, Canby, Minn. 56220 (ph 507 223-7754).

