



## Swinging Planter Toolbar

"We're writing orders," says Jon Kinzenbau, president of Kinze Manufacturing and inventor of his company's revolutionary K-In-Line toolbar system that swings rather than folds planters and other wide equipment for transport. The new planter was featured in FARM SHOW'S November-December issue.

Just about everything you've ever wanted in a corn-soybean planter is wrapped up in Kinzenbau's new "swinger". Without leaving the tractor seat, the driver can swing the planter — including the biggest model which plants 24 rows of corn (30 in. spacing) or up to 49 rows of beans (15 in. spacing) — to a narrow 12½ ft. for transport. The entire operation — folding or unfolding — takes less than a minute. What's more, the planter's double frame design, combined with the swinging concept for transport, allows you to carry fertilizer tanks (dry or liquid) and application equipment right on the planter. Or, you can mount planter units behind, and hang heavy tillage

equipment up front for a once-over, till-plant operation.

Kinze has a patent pending on his "break-through" toolbar which not only swings but operates at a fixed height and has multi-purpose application to a wide variety of planting and tilling equipment. "We think it will revolutionize the way planters, discs, field cultivators, and other wide implements are designed and built," Kinze told FARM SHOW.

Initially, Kinze Mfg. is offering the new concept as a corn-soybean planter. The new K-In-Line planter, now in production for the 1983 planting season, will be available in the following models: 8, 12 or 16 row narrow (30 in. spacing) or wide (36 to 40 in. spacing) built in two sections; and 18 row narrow built in three sections; and a 24 row narrow built in three sections.

For more information, contact: FARM SHOW Followup, Kinze Manufacturing, 1-80 at Exit 216, Williamsburg, Iowa 52361 (ph 319 668-1300).

## Glass-Lined Grain Bin

"We expect to give Harvestore some real competition," says the manufacturer of a new glass-lined grain bin unveiled in our November-December issue.

Developed by Long Manufacturing, Tarboro, N.C., the bin is glass-lined, colored blue, equipped with a breather bag and designed for sealed storage of high moisture corn.

From a distance, the new-style bin resembles Harvestore's sealed grain storage structure. But, as you move in closer, you discover that its blue siding is corrugated, just like a conventional grain bin. Individual corrugated steel sections are glass lined on the "inside" side and bolted together with special rubber-headed bolts. These special bolts, combined with caulking of all seams during erection and a breather bag, provide an oxygen-limiting en-

closure for sealed storage of high moisture corn and other grain, explains J.Z. McKinley, grain equipment specialist with Long Manufacturing.

"Compared to conventional grain bin storage at about \$1.25 a bushel, our new glass lined bin is expected to retail for about \$1.75 per bushel. That's about 40% less than the going rate for conventional sealed storage structures with straight sides," McKinley told FARM SHOW.

Initially, Long Manufacturing is introducing just one model — a 21 ft. dia. unit. Larger 24, 27 and possibly 30 ft. dia. models are slated for production later this year, according to McKinley.

For more details, contact: FARM SHOW Followup, Long Manufacturing, Box 1139, Tarboro, N.C. 27886 (ph 919 823-4151).

## A Silo On Wheels

"We've had some problems with moisture seeping into the Cornmobile but we've taken care of the problem areas and hope to have a re-engineered version of the Cornmobile available early this spring," reports Tom Manning, Dover, Minn., manufacturer of the Cornmobile which we first told you about in our September-October issue.

The Cornmobile is a "silo on wheels" that allows you to haul and store up to 100 bu. of rolled or whole kernel corn for up to 30 days while feeding it to livestock.

"It's great for the farmer who wants to feed high moisture corn to livestock located several miles away from the silo," says Manning. "I've had farmers store 30% moisture feed in the Cornmobile up to 30 days during the hot days of August, as well as during the coldest days last winter, without any heating or freezing of the wet corn. I think it could safely store high-moisture feed even longer during months with moderate temperatures."



The Cornmobile stands 7 ft. high above the tandem axle trailer, is 5½ ft. wide and 8 ft. long. Manning says that some farmers have pulled the loaded Cornmobile down the road behind a pickup at regular road speeds.

Side panels of the Cornmobile are made of two ¼ in. sheets of plywood with 1½ in. of urethane foam in between for insulation. There are two, 18 in. square doors on top with gaskets that tightly seal the corn from oxygen, and allow for quick, easy loading of corn into the unit from a permanent silo storage facility.

Contact: FARM SHOW Followup, Manning Futuristic Inc., P.O. Box 156, Dover, Minn. 55929 (ph 507 932-4495).

## "Fish" Carburetor Comeback

"We've got all the bugs worked out," says Mike Brown of the Brown Carburetor Co., Draper, Utah, who has brought back the Fish carburetor which was notorious in the late 50's until it went out of production in 1959. "We will replace any defective units and take care of any other problems that resulted from the reintroduction of this outstanding carburetor."

Brown explains that when the Fish first came on the market, it was installed on more than ½ million cars. It eventually went off the market because of business problems in the company.

Brown offers a guarantee that mileage will increase a minimum of 20% with the carburetor but says it increases mileage 30, 40 or even 50% on some vehicles. A key feature of the unit is that, with its adjustable jet size, it readily adapts to burning alcohol and other alternative

fuels. It is not a vaporizing carburetor like many of the other high-mileage carburetors which have been developed in recent years.

The carburetor has six jets and just 17 parts, only three of which move, compared with hundreds of parts in some conventional carburetors. Because the jet size is adjustable, you can switch the carburetor from gas to alcohol, or kerosene or other fuels, in just two to three minutes. You can "lean down" the fuel air mixture so far that no exhaust emissions will register on regular testing equipment. Or, you can set it for a 30% increase in horsepower.

"This feature is especially important to farmers who haul big trailers. They can set the carburetor for high horsepower when loaded and cut it back when running empty for better gas economy," says Brown.

The current model is designed to be used, with adapter plates purchased through a firm in Kentucky, on any vehicle from a 225 cu. in. 6-cyl. to a 500 cu. in. V-8. It retails for \$189.50 and the adapter plates sell for \$30 to \$40. Brown is looking for dealers.

Contact: FARM SHOW Followup, Brown Carburetor Co., P.O. Box 89, Draper, Utah 84020 (ph 801 571-9452).

