



Deep bander is equipped with an 8-ton Tyler airflow box that's turned backward.

42-FT. BANDER BOLTS ONTO FLOATER FRAME

"Big A" Floater Used To Deep-Band Fertilizer

A Minnesota custom applicator used a Big A floater tractor last fall to deep band fertilizer with little residue loss or visible soil disturbance. The deep band applicator was custom-built to fit the floater.

"Equipment manufacturers told us a unit like this couldn't be built, but it worked even better than we expected," says Chuck Wilmes, sales manager for the Dill Company, of Janesville. "We built it primarily so we could use our floater in the fall during the off-season."

The 42-ft. deep bander was built with an Ag Systems anhydrous toolbar that bolts directly to the floater frame. It has 20 outlets on 24-in. centers and is equipped with wavy coulters and standard knives as well as foam markers. It applies 200 to 650 lbs. of N, P, and K or P and K at speeds of 4 to 7 mph and depths of 4 to 6 in. The company equipped the rig with an 8-ton Tyler

airflow box that's turned backwards to reduce the distance that the fertilizer is pushed. The floater is powered by a 250 hp Caterpillar 3208 diesel engine.

"We used it for the first time last fall on about 3,600 acres of corn and soybean ground and charged \$4.50 per acre," says Wilmes. "We think it has a lot of potential because there isn't much deep band equipment available, and there's nothing we know of like this high-floatation rig. Concentrating the fertilizer in a band instead of spreading it over the soil surface results in more efficient use of fertilizer. Several area farmers plan to conduct side-by-side yield checks this fall to determine the benefits of the new system."

Contact: FARM SHOW Followup, Chuck Wilmes, Dill Co., Box C, Janesville, Minn. 56048 (ph 507 234-5193).



Toolbar has 20 outlets on 24-in. centers and is equipped with wavy coulters and standard knives as well as foam markers.

Performance-Boosting Filter For IH Tractors

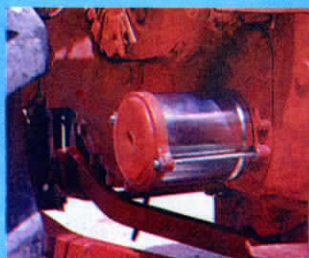
"It solves a lot of problems with hydraulics on IH tractors," says Gary Nielsen of Allied Precision, manufacturer of a new hydraulic fluid filter extension kit for IH tractors that increases the volume of fluid flowing through the hydraulic system.

"Farmers come to us with a variety of problems and we try to solve them. If we find an improvement that works, we bring it on the market," says Nielsen, who makes a variety of add-on and remanufactured parts for tractors.

His new hydraulic filter kit consists simply of a larger filter housing that makes it possible to use two regular size filters instead of just one. The modification eliminates the filter as a bottleneck, opening up the flow of fluid.

"I gave one to a nearby farmer who had complained about a lack of lift on his front-end loader. He installed our kit and came back a few days later and bought four more units. He said it made the loader work like new and that installing our kit was a lot cheaper than installing a larger hydraulic pump," says Nielsen.

The filter extensions fit tractors as far



Large filter housing makes it possible to use two regular size filters instead of just one.

back as IH 560's made in the late '50's and early '60's. "We discovered that IH made a larger filter in those days for the industrial versions of these tractors but they apparently didn't think it was needed on farm tractors," he notes.

Sells for \$39 for utility tractors up to \$65 for late model tractors (706 and above)

Contact: FARM SHOW Followup, Allied Precision, P.O. Box A, Pocahontas, Iowa 50574 (ph 800 803-3194 or 712 335-4250).



"Salt box system" consists of 3 wooden boxes positioned side by side across pickup bed directly over the rear axle. Boxes are secured with steel plates to bed.

Traction Boost For Pickups

"In the event of an accident, anything in the pickup bed that isn't secured has the potential to seriously injure you and your passengers," warns inventor Gene Salazar, of Gillette, Wyo. "For example, a loose sack of sand weighing 20 lbs. has the force of 2,400 lbs. when traveling at 60 mph."

Concerned about the safety problem with loose sand bags, Salazar developed a safer "salt box system" which provides extra weight for added traction on snow or ice, and helps provide a smoother ride all year.

For mid-size pickups, it consists of 3

wooden boxes positioned side by side across the pickup bed directly over the rear axle. The boxes are secured with steel plates to the bed. Each one, covered with a strapped-on lid, holds 60 lbs. of loose sand laced with salt to prevent freezing in cold weather. The three boxes at 60 lbs. each, plus the steel plates that hold them in place, provide about 200 lbs. of weight to boost traction and smoothen the ride.

Contact: FARM SHOW Followup, Gene Salazar, 10-1 Cottonwood Lane, Gillette, Wyo. 82718 (ph 307 686-1306).

Home-Built Bale Bagger "Good As Store-Bought"

"We've seen a lot of commercial-built bale baggers at farm shows that do exactly the same thing our home-built bagger does. The big difference is that factory-built units cost \$4,000 or \$5,000, while we put ours together for just \$200 to \$300," says Wayne Youngblom about a manually operated bale bagger he and his father, Warren, built last fall.

"We filled one 150-ft. bag with 26 5 1/2-ft. round bales of third cutting hay, which sometimes has spoilage problems, and we filled another with bales of corn stalks," Youngblom says. "It worked fine, eliminating the damage we normally would have from wet bales."

Youngblom's bagger is 9 ft., 3 in. wide and 7 ft. tall. The main frame and hinged uprights are made of 3 in. sq. tubing. Both uprights curve inward at a 30° angle to conform to the shape of bale.

Three 3-ft. long bag holders made of 8 1/4-in. wide flat iron attach with U-bolts to each upright. Two more bag holders extend backwards from the bottom of the frame.

After plastic is slipped onto the bag holders, the uprights are cranked outward by turnbuckles at the base of each upright. A "spreader" bar made from a 3 pt. hitch top link mounts between the top of the two uprights to help apply tension to the plastic bag.

Braces behind each of the bagger's wheels keep it from moving when a bale is loaded into the bag. That's done manually by pulling the unit forward over bales held in position by a spear mounted on the Youngbloms' 6600 Ford tractor.

Contact: FARM SHOW Followup, Wayne Youngblom, 57488 160th St., Litchfield, Minn. 55355 (ph 612 693-3698 or 6503).

