

Latest New Products, Ideas From Europe

Farm Show covers all major farm shows in the U.S., Canada and foreign countries to keep you posted on latest new products and ideas. Featured here are "best of the show" ideas which caught Associate Editor Bill Gergen's eye in covering the Agromek '91 show at Herning, Denmark.

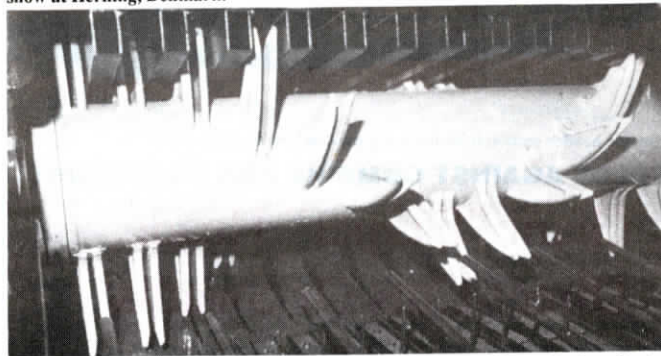


Photo courtesy Power Farming

Baler-Mounted Chopper

Deutz Fahr Co. introduced this first-of-its-kind baler-mounted chopper that works great for silage bales and straw.

The GP230 Opticut mounts on the company's standard 4-ft. round baler between the pickup and bale-forming mechanism. The baler pickup is moved forward and a rotor equipped with spiral pronged forks is mounted behind it. In straw, the rotor does all the chopping. But in hay or

grass, a set of spring-loaded knives mounted on the forks improves chopping. Main benefit is that 10 to 20% more material can be squeezed into a bale, especially important with bagged silage bales. The company also claims feed value of silage bales is increased.

Contact: FARM SHOW Followup, Deutz Fahr, Watveare, Westbury, Wilts, United Kingdom (0373-858000).



Self-Propelled Feeder-Mixer

A Danish company's self-propelled feeder-mixer is the first self-propelled feeder that both mixes and conveys feed. It's designed to maneuver through narrow feed alleys in dairy and hog buildings.

Spokesman Allan Bendixen says the new "Combi Mix" saves time and labor. "It mixes both light and heavy feeds uniformly, including corn silage and fodder such as meal and concentrates. All functions are fully hydraulic and controlled from the operator's seat."

The Combi Mix is equipped with a 12-ft. long, 3 1/2-ft. wide mixing tank equipped with a pair of augers on the bottom. Ingredients are loaded into the tank through a mini hopper up front. During loading and

mixing the rear end of the tank is raised. The augers bring feed up to the rear end of the tank where it then tumbles back down to the front, creating a mixing action. A conveyor feeds out to either side. Mixing time is from 5 to 10 minutes and discharge time is from 2 to 5 minutes. Auger revolutions can be varied from 0 to 35 per minutes. A weigh scale keeps track of the pounds of feed as it's fed out.

The rig pivots in the middle for short turns. It's powered by a 16 hp diesel engine.

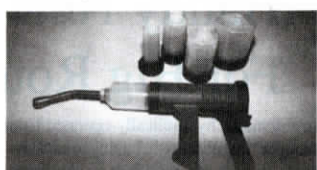
Sells for \$16,000. A 14 hp gas engine model sells for \$14,500.

Contact: FARM SHOW Followup, Lydersens Maskinfabrik a/s, DK-6940 Lem, Denmark (ph 97 34 12 77, fax 97 34 21 21).

Drenching Gun

New from France is this multi-purpose, multi-capacity drenching gun that can be used in manual or automatic mode or as a hypodermic needle injector.

The Genia drenching gun, made from unbreakable plastic, is designed for any kind of deworming or vaccination work. The nozzle fits directly into the front of the barrel for manual use. The gun can be connected by hose to a container for automatic use. The conversion is made by changing the piston and an adaptor on front of the



gun's body.

Sells for \$30 manual and \$40 automatic.

Contact: FARM SHOW Followup, CDMV, 2999 Choquette, Ste. Hyacinthe, Quebec, Canada J2S 6H5 (ph 514 773-6073).



First-Of-Its-Kind "Thinking" Tractor

An entirely new way of monitoring tractor performance is featured on the new Valmet 8100 tractor.

The "thinking tractor" is Valmet's own description of its optional Autocontrol III monitoring system. A computer automatically engages the 4-WD, takes care of engine cold starts, locks the rear differential, shifts on-the-go, controls the pto shaft, restricts wheel slip, and controls the 3-pt. hitch to keep the implement at the optimum working depth. As a result the tractor runs more efficiently with less wear and tear on the engine, transmission, and tires.

"There's not another tractor control system like it in the world," says Henrik Bo Andersen, company representative. "As it automatically engages and disengages tractor functions, it lets you know what it's doing. Of course, you can override the system at any time to control any of the functions manually."

"It automatically engages the front wheel drive when wheel slip increases and disengages it as soon as it's not required any more. When engine rpm's fall too low it automatically shifts into a lower gear, then shifts back into a higher gear when the going becomes easier."



In addition, the system reports to you with 18 different types of information including actual driving speed, wheel slip, averages of speed and slip, area worked, partial area worked, driven distance, working time consumed, time and date, remaining working time, cost of work performed, rotating speed of the pto shaft, engine coolant temperature, outside temperature, battery voltage, and even monitors some implement functions.

The Autocontrol III option sells for \$6,000 on the 120 hp Valmet tractor.

Contact: FARM SHOW Followup, Valmet Maskin A/S, Postboks 250, Ambolten 20, 6000 Kolding, Denmark (ph 75 53 90 00).



Self-Propelled Round Bale Feeder

New self-propelled round bale feeder with articulated steering lets you feed round bales as well as silage and other feeds inside dairy barns or other tight confinement areas.

The VestFarm feeder is equipped with a 5-ft. long, 4-ft. wide, and 4 1/2-ft. high feed box. The rear wall of the box moves forward, pushed by two hydraulic cylinders toward an unloading chain tilted upward at the front end of the box. The unloading chain unrolls the bale and discharges it onto

a chute which can be set to feed to the left or right side of the machine. A gate above the unloading chain can be adjusted to control feeding rate.

Unit is powered by an 18 hp Kohler gas engine. Hydraulic motors power the wheels, conveyor plate and unloading chain.

Sells for \$14,000.

Contact: FARM SHOW Followup, Vest-Farm, Farvervej 5, Postbox 28, 6900 Skern, Denmark (ph 97 35 09 33).