



The All-Around Feeder for big bales isn't a grinder. Chopping is done by swinging flails.

RESEMBLES TUB GRINDER

"All-Around" Feeder For Bales, Bedding

Dewey Marcy, Greeley, Colo., has developed a new mechanical feeder for large round bales, small square bales, or big square bales. The tub-type machine scoops up big bales, loads them into a hopper, chops the material and spreads it in a bunk or windrow. By removing the deflector chute, bedding or mulch can be thrown as far as 60 feet.

The tub tips hydraulically and, as the machine is backed up, forks attached to the side of the tub slip under the bale. The tub is then returned to the normal, upright position, ready for transport or to start chopping hay.

To feed the bale, the tub is rotated hydraulically. The bottom of the bale is exposed to a flail chopper driven directly from the tractor pto. (This, too, is similar in principle to a tub grinder, says Marcy.) The flails cut hay from the bale and throw it out the discharge spout. To place hay in a bunk, windrow or conveyor, a deflector hood directs material down-

ward in a steady stream. However, to spread bedding or mulch, the hood is removed and material is spread over a wide area. Spreading distance depends on pto speed, type of material, moisture content, density, etc.

According to Marcy, the feeder can be operated by a 50 hp tractor with either 540 or 1,000 rpm pto. Both trailing and 3-pt. hitch-mounted models are available.

Marcy points out that there are no screens or hammers in the "All-Around Feeder" so it is not a grinder. Chopping is done by cupped, swinging flails, each 2 in. wide and 8 in. long.

Marcy is building a limited number of the feeders in his shop and has granted an exclusive license to Hesston Corp. to manufacture the machines. For more information, contact: FARM SHOW Followup, Dewey R. Marcy, Marcy Equipment, 1990 Hemlock, Greeley, Colo. 80631 (ph 303 356-9649 — work, or 303 356-7152 — home).



Entire tub tilts to ground to pick up bales via the twin forks mounted on side of the tub.



Front wheel drive is optional on AC's new medium range tractors.

38% BIGGER CABS AND "SWITCH ON THE GO" FRONT WHEEL DRIVE

Allis Chalmers Unveils All-New Tractor Line

"It's our most important new product introduction ever," Allis Chalmers officials told more than 3,000 dealers at the company's recent gala introduction in Reno, Nevada that included a complete new line of medium horsepower tractors and changes on every other tractor in the AC line.

In addition to tractors, the company also unveiled two new tillage tools, a new tractor loader, an "updated" 1982 Gleaner combine and several other changes on their full line of equipment, as well as a unique new leasing program with an equivalent annual finance rate of just 9.9%.

The new medium range 8000 series tractor line ranges from the top-of-the-line 170-hp. 8070, to the 152-hp. 8050, the 132-hp. 8030 and the 106-hp. 8010. The engines have all been redesigned from the current 7000 series and feature new fuel injection systems. Transmission controls have been simplified and shift-on-the-go front-wheel drive is available on the three lower horsepower models, a feature that AC says allows the tractor to do 20% more work on the same amount of fuel.

A completely re-designed cab, with 38% more room and 36% more visibility, is standard on all four models. Mounted independent of the chassis on rubber mounts, AC engineers say they expect the cab to test out as one of the quietest on the market.

AC has also completely reworked their utility-sized 40 hp. 6140. With a fully-synchronized 10-speed transmission, a heavy-duty diesel engine, long-life wet disk brakes, and an improved hydraulic system, the tractor has a number of features not normally found on a smaller tractor. By mid-1982, the tractor will also feature mechanical front-wheel drive. A new 450 loader was also introduced to fit the 6140.

The 6060 and 6080 tractors, in between the others at 64 and 84 hp, have been restyled to match the other '82 tractors. They also sport big 8000 series cabs. Both models are available with mechanical front-wheel drive.

At the upper end of their line, AC plans to release 4-wheel drive models on May 1 of this year, with full introduction scheduled for next summer. The reworking of those tractors will complete the overhaul of AC's entire line of tractors.

In tillage tools, AC introduced a new Min-Til tool with both coulters and chisel shanks on one implement, and a new Chiselvator available in widths from 40 to 60 ft. and designed for pasture renovation, seedbed preparation or weed control in fallow ground.

On their Gleaner combine, AC, which is the only major manufacturer to offer both rotary and conventional combines, has incorporated a number of changes and updates into the 1982 version of their now three-year-old N Series rotary combine. Many of the changes were included in an update "kit" that went out to dealers last summer and was to have been installed free of charge on all N Series combines.

AC also unveiled a new lease program made possible by provisions of the Reagan administration's Economic Recovery Act of 1981, designed to stimulate capital investment. The new program has three major benefits: A 9.9% "equivalent" annual finance rate over the 5-year period of the lease; the chance to deduct the entire cost of the lease payment before taxes; and a chance to assume ownership at the end of the lease period for the cost of just \$1.00.

For more information, contact: FARM SHOW Followup, Market Manager, Agricultural Equipment, Allis Chalmers, Milwaukee, Wis. 53201 (ph 414 475-2965).