

McConnell Tractors recently unveiled the Massey-Ferguson 5200 four-wheel-drive articulated tractor. Distributed by Massey-Ferguson dealers, the tractor is equipped with either a Cummins 855 engine or a Detroit Diesel Series 60 engine.

## McConnell Tractors Introduces M-F Articulated Tractor

KINSTON, N.C.— Late last month, J. Ward McConnell, Jr., chairman of McConnell Tractors, Ltd., unveiled the Massey-Ferguson Model 5200 (MF-5200) four-wheel drive articulated tractor. Manufactured by McConnell Tractors, Ltd. at a new facility in Kinston, North Carolina, the MF-5200 is sold exclusively in the United States and Canada through the Massey-Ferguson dealer network.

Available with either a Detroit Diesel Series 60 engine rated at 390 horsepower or a Cummins 855 engine rated at 375 horsepower the MF-5200 represents the top end of the four-wheel drive, articulated tractor product category. The Detroit Diesel Series 60 engine has developed a good reputation for performance and fuel economy in heavy truck applications and over 20,000 hours of development time has been spent in adapting the Series 60 to agricultural applications. The Cummins 855 engine has a proven track record in agricultural applications including the powering of four-wheel drive tractors. Cummins engines are designed specifically to deliver high levels of performance, reliability, durability, fuel economy and serviceability in four-wheel drive applications.

In addition to the change in power source a number of upgrades have been made to the

MF-5200 including:

- \* There is a choice of transmissions. Either a 12-speed full power shift or a 12-speed manual transmission.

- \* The exhaust stack and air cleaner have been relocated from the center of the hood to the side of the cab, resulting in improved visibility.

- \* The front grill is now hinged to provide access to the air conditioning and oil cooler for easier maintenance.

- \* The hood has been redesigned to improve visibility and provide better access to the engine.

- \* Work lights have been upgraded to halogen lamps.

- \* The battery system has been upgraded from 560 to 730 cold cranking amps.

- \* A standard feature in the cab will be an AM/FM stereo-radio with a cassette player.

- \* A microwave oven will be a standard feature in the cab to provide warm meals and hot beverages.

Ward McConnell stated that "The Massey-Ferguson 4000 Series tractors enjoyed an excellent reputation in the field. With the changes and upgrades we have made on the MF-5200 tractor it will further enhance the reputation of the Massey-Ferguson four-wheel drive tractor."

## Cole Consulting Offers Milking-System Testing

MINGOVILLE (Centre Co.) — Dave Cole Consulting has initiated a new service for dairy farmers.

This service provides independent testing and analysis of all phases of the milking system (all brands). This includes pulsation, vacuum, washing, water sampling and more. Milking procedure review during milking also is available.

This service is offered as a regular scheduled equipment check or as a one time review of the

operation.

Assistance in planning and purchase of dairy equipment is also available.

Dave Cole has 10 years experience as a factory representative for a major milking equipment company, 3½ years as installation, sales and service for a dealer, and 10 years as owner operator of a dairy farm.

For more information and free estimate of services offered call 814/383-4955, or write P.O. Box 109, Mingoville, Pa. 16856.



The new Case IH 696 disk harrow is designed for ease of transport and heavy-duty performance. Its horizontal-folding design gives the harrow a lower and narrower profile than other large disk harrows for convenient road travel and storage. The 696 is available in seven widths from 26 feet, 3 inches to 45 feet, 3 inches.

## Heavy-Duty Case IH Disk Harrow Travels Easily

RACINE, Wisc. — Farmers with large acreages that require a disk harrow often must travel considerable distances between their fields. To solve this problem, Case IH has introduced the Model 696 horizontal fold disk harrow, which provides operators with heavy-duty performance and ease of transport.

Available in seven widths from 26 feet, 3 inches (8.0 m) to 45 feet, 3 inches (13.8 m), the Model 696 is designed to increase the productivity of large four-wheel-drive tractors.

The Case IH Model 696 disk harrow folds rearward to a convenient width of 14 feet, 9 inches (4.5 m) for faster, easier transport between fields, across bridges and through gates. The horizontal-folding design also results in a 6-foot, 3-inch (1.9 m) transport height, giving operators lower

clearance when passing through machine shed doors.

The disk frame is easily opened when going from transport to field position by removing three transport pins and unfolding the gangs hydraulically. Once the two folding sections are locked into field position, the disk is ready for work.

The Model 696 is equipped with 26-inch (660 mm) by 1/4-inch (6.5 mm) Earth Metal® disk blades on 10-inch (254 mm) spacing. These blades provide 20 percent longer wear life and 60 percent greater shock resistance than conventional disk blades, according to field tests.

Each of the four gangs had its own gauge wheel to follow field contours. Vertical adjustments can be made for each wheel and at the main frame to level gangs across the full working width. The gangs

are attached to the gang bar with spring steel bearing standards, allowing each gang to work independently to maintain consistent cutting depth.

The front and rear disk gangs can be adjusted independently to change cutting angles in two-degree increments from 18 degrees for seedbed preparation to sharper angles of up to 26 degrees for sod or primary tillage.

Flexible spring steel scrapers maintain the proper contact with the blades to keep them clean and operating properly, even in moist, sticky soils.

The Model 696 can be customized for various field conditions with optional 26-inch (660 mm) by 5/16-inch (8 mm) solid or notched blades. A safety lighting package is also available.

## Digital Scale Offered For Harvestore Mixers

DEKALB, IL — An all new electronic digital scale now is available for Harvestore system batch mixers. The system is accurate to one half of one percent of full capacity of 6,000 pounds.

The digital weighing system is available with model 411, 420, and 441 Harvestore System mixers, replacing a mechanical dial scale offered in the past. For accuracy and reliability, the new scale oper-

ates from a single load cell that's mounted above the floor, safe from dirt and water.

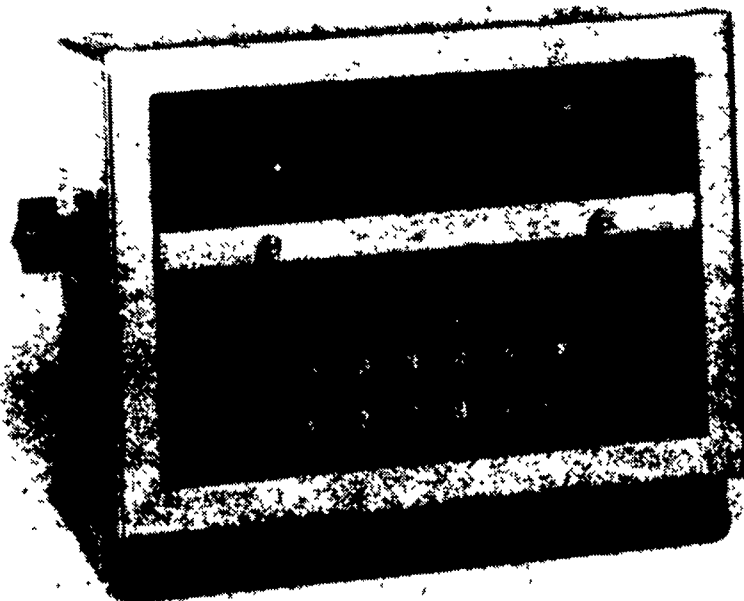
The digital scale indicator with its lighted LED display is built to stand up to feedroom conditions. Its case is made of durable stainless steel, and is sealed to be wash-down safe. It has a built-in thermostat and electric heater to con-

trol moisture and assure optimum operating conditions.

For efficiency and convenience, the indicator unit can be mounted on a wall near control panels for automated feeding equipment. It's equipped with internal relays that can be wired to drive mixer controls or conveyor motors, further simplifying feedroom chores.

The electronic display can be set to read-out in either pounds or kilograms, and in increments of 1, 5, 10, or 100 units. It can be mated to a printer or networked with a computer for high-tech applications. The scale comes with a one-year limited warranty.

An economical beam scale will continue to be offered for Harvestore System mixers, which can be ordered with both weighing systems. This provides the utmost in convenience and accuracy while providing a back-up scale in case maintenance is required.



A new electronic digital scale available for Harvestore system batch mixers comes with a rugged indicator that is made to stand up to feedroom conditions. The stainless-steel case is sealed to keep out moisture and contains a thermostat and electric heater to maintain optimum operating conditions. The scale operates from a single load cell mounted above the floor.