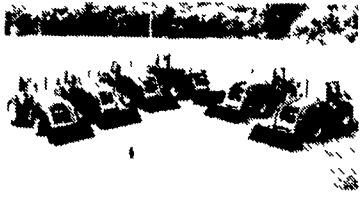


## Loaders Job-Matched To Massey Ferguson Tractors



**New Massey Ferguson 1000 Series loaders are custom designed for Massey Ferguson tractors from 55 to 180 PTO horsepower. Under load, each MF tractor and loader work as one integral unit to deliver maximum strength and stability.**

ATLANTA, Ga. — New Massey Ferguson 1000 Series Loaders are custom designed for Massey Ferguson tractors for superior performance and durability in the loading, lifting, moving, dumping, digging, leveling, and scraping jobs farm loaders perform every day.

The new MF 1000 Series Loaders are built to use the entire tractor chassis as a structural support. Under load, the tractor and loader work as one integral unit to deliver maximum strength and stability.

"MF 1000 Series Loaders are job-matched to MF tractors so there's no need to compromise loader strength to tractor size and horsepower," said Richard Petree, Massey Ferguson product marketing manager. "Massey Ferguson tractors and loaders are designed and built to operate as a team for unsurpassed performance."

MF 1000 Series Loaders will fit the following Massey Ferguson two- and four-wheel drive tractors from 55 to 180 PTO horsepower: MF 300 Series, new MF 4200 Series, MF 6100 Series and MF 8100

Series. High-performance benefits include:

- Increased breakout force, lifting capacity and faster cycle times with hydraulic cylinders sized to a tractor's hydraulic system.

- Faster loader hookups with the proven MF Quick-Attach system and patented Quick Couple™ control valve assembly with all four loader hoses connected to a single mounting coupler.

- Single lever control of all loader functions with the optional joystick control and valve assembly. Frees tractor remote valves for other uses.

- Better visibility from lower-profile loader arms, self-leveling linkages and mounting kits matched to the lower hood lines of new MF tractors.

- Automatic leveling on MSL model loaders maintains even bucket angles throughout the lift and lower cycles.

- Faster dump time is provided by a new regenerative function in the patented "Quick-Couple" valve.

- Greater durability and increased stability from high-tensile strength loader booms with wide-spaced boom arms and heavy-duty cross member to increase load stability and resist twisting from off-center loads.

- Greater strength from tapered boom construction that concentrates strength at the loader mast and from new one-piece main-frame arms.

- Longer-lasting paint finish. High-tech powder paint process bakes paint into the metal to resist chips, wear and fading. MF loaders retain their bright, shiny, new look years longer.

## No-Till Folding Drills Make Transport Easy

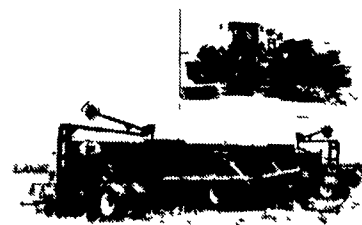
ATLANTA, Ga. — Tye no-till drills have to be rugged to stand up to the rigors of no-till farming, and they have to be flexible for fast transport to remote fields.

The Tye 2024 and 2030 no-till folding drills are built to be rugged and flexible. At 24 and 30 feet, they are also built to work big fields, but the unique Tye folding design reduces transport to less than 18 feet.

"These drills are designed to get in fast, get the job done and get out," said Andy Anderson, Tye marketing manager. "Capacity is of the essence when it comes to fieldwork, and we understand that at Tye. That is why we build our equipment rugged, to keep going under the toughest conditions. It is also why our farmers asked for a bigger grain box and we gave it to them."

The new Tye 2024 and 2030 no-till folding drills feature a 2.8 bushel per foot self cleaning grain box for more acres between fills. The wider 14-inch fill opening makes that time consuming task go faster, too. Lights, flashers, safety chain and a wider folding walkboard make the job safer.

Tye drills are noted for accurate, gentle seed metering and



**The new 2024 and 2030 Tye No-Till Folding Drills Transport under 18 feet.**

handling, and that hasn't changed. What has changed is the new individual adjustment of down pressure (up to 400 pounds per row) on each row unit to assure optimum seeding depth. This pressure also keeps each row unit in the seed track. All the changes enhance seed placement for quick germination and uniform emergence.

The solid, rugged 7 x 7-inch frame, combined with duals on both the center section and the wings, offer superior flotation. Heavy duty coulters cut through residue and double disc openers follow the coulters to create an optimum seed environment. Quick-Adjust presswheels assure solid seed-to-soil contact and the optional harrow finishes the job.



## Company Hosts Distributor Meeting

CARLISLE (Cumberland Co.) — Cummings & Bricker, Inc. recently hosted a Vicon North American Distributor meeting in Carlisle.

The three-day event included both classroom and field demonstrations conducted by Vicon and Deutz-Fahr factory personnel. Vicon's new KMR Center-Pivot Mower Conditioner and the Rotoflow twin disc fertilizer spreader were introduced.

A two-day Vicon and Deutz-Fahr Dealer meeting followed, with 35 dealers in attendance from Cummings & Bricker's trade area.

## Deere Introduces 80-, 90-Foot Booms For Sprayer

MOLINE, Ill. — John Deere has announced new 80- and 90-foot booms for its 4700 Self-Propelled Sprayer. The booms, available beginning in November 1997, can be ordered factory installed on new sprayers, or they can be retrofitted on 1997 models beginning next January.

"The introduction of the 80- and 90-foot booms is a response to the most frequent request from our customers," said Wes Carney, product support representative at the John Deere Des Moines Works.

The 80- and 90-foot models are identical except for the length of the outer folding sections. The unique, three-dimensional cross section of both booms provides structural strength, unlimited nozzle spacing capability, and enhanced nozzle protection. Shaped like the numeral four for added strength, each boom is designed to withstand the stress of starts, stops, and turns, and twisting loads caused by folding or unfolding operations.

The strong center frame permits folding the boom wings simultaneously, or one at a time. For working small acreages and in confined areas, the outer boom sections can be folded in to provide a 60-foot spraying width. The outer wings fold rearward in a 45-degree arc, which transfers less twisting mo-



**New 80- and 90-foot booms for the John Deere 4700 Self-Propelled Sprayer feature a three-dimensional cross section that provides structural strength, unlimited nozzle spacing capabilities, and enhanced nozzle protection.**

tion to the boom than horizontal-folding booms and reaches a much lower maximum height than booms that fold vertically.

The booms have three different types of suspension: vertical, center-pivot roll, and yaw. The vertical suspension features an accumulator in the lift-cylinder hydraulic lines, which cushions the boom ride vertically to provide a consistent spray height, while still protecting the boom. The booms also incorporate a center-pivot roll suspension, which gives the boom the ability to follow the same attitude as the machine on sidehills

and terraces. A yaw suspension ties the left and right wings together, providing more uniform wingtip speeds in the field and reducing structural stress during turns.

The booms also feature independent wing-leveling cylinders that permit each wing to be raised up to 10 degrees above horizontal. Optional longer cylinders permit each wing to be lowered as much as 5 degrees below horizontal and raised up to 10 degrees above horizontal. An optional roll-bias kit allows the operator to tilt the entire boom up or down 5 degrees for effective, level boom operations over terraced ground.

Other features include a 7-foot-long breakaway section on each outer wing to protect the boom from damage, and a new transport cradle that supports the greater length of a folded 80- or 90-foot boom. The cradle can be mounted in a low position to place boom height level with the cab for shipment on trailers, or a high position to provide easier access into the cab, while maintaining an overall folded height of 14 feet.

The booms come equipped with TeeJet-compatible triple nozzle bodies spaced 20 inches apart on 1-inch polypropylene pipe. A custom, dealer-installed spacing kit is available for nozzle spacing of 18, 19, 20, 22, 36, 38, or 40 inches.

## Dealers, Farmers Attend Site-Specific Farming Seminar

CHAMBERSBURG (Franklin Co.) — More than 30 farmers and equipment dealers sharpened their precision farming skills at a Case IH Advanced Farming Systems (AFS) Circle Seminar held recently in Lancaster.

AFS uses space-age satellite technology to help farmers maximize productivity.

"Since 1995 when Case introduced AFS as the first fully integrated system for growers, we have been setting the standard for precision, or site-specific

agriculture," said participant Mark Bonson, sales manager of Chambersburg Farm Service.

AFS also was one of the first complete systems with multi-layering capabilities, which allow growers to evaluate more than one type of data at the same time.

Growers who invest in AFS technology are not only invited to participate in AFS Circle Seminars, they also have access to a toll-free help line, a monthly newsletter, postings on the Case Web site, and e-mail.

The AFS Circle Seminar held in

Lancaster offered sessions for both new and experienced AFS users. Topics covered in the new users' session included understanding the information that yield monitors provide, configuring yield monitors to achieve harvest objectives, and generating harvest summary reports.

The advanced session covered new hardware and software features, helped experienced AFS users master their yield monitors, and provided tips for managing multiple years of data.