

Business News



At 80 PTO horsepower, Kubota Tractor Corporation's new M8580 "mudder version" agricultural tractor boasts a 26-inch crop clearance, specially-equipped tires, and a full range of creep speeds.

Mudder Tackles Challenging Tasks

COMPTON, Calif.—Kubota Tractor Corporation's 80-PTO horsepower 4WD M8580 agricultural tractor is available in a "mudder version," delivering the power and traction needed to operate effectively in irrigated fields, mud, and soft soil.

Specially equipped tires deliver extra traction and handling, in addition to crop clearance of 26.6

inches. The M8580 mudder features a turning radius as tight as many two-wheel-drive tractors, and a full range of creep speeds to facilitate planting, seeding, tilling, harvesting, and spraying at extremely low working speeds.

For more information, contact Kubota Tractor Corporation, 550 West Artesia Blvd., Compton, CA 90220.

Stackability Improvements To Soybean Seed Bags

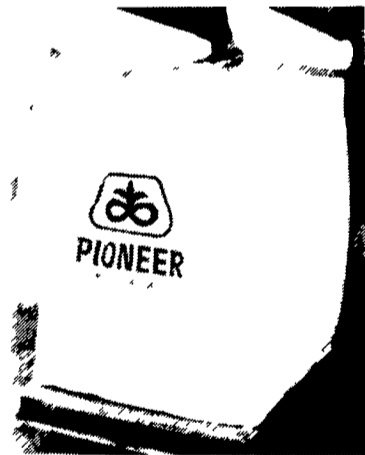
WEST DES MOINES, Iowa — Improved safety and "stackability" are benefits of newly designed jumbo soybean bags available this season from Pioneer Hi-Bred International, Inc.

The jumbo bags hold 2,500 pounds of premium Pioneer® brand soybean seed, the equivalent of fifty, 50-pound units, according to Dave Folkerts, soybean product manager for Pioneer.

Folkerts says the new bags are shorter, wider, more erect (dimensions are 37 inches x 49 inches x 54 inches) and feature corner baffles to facilitate shipping, handling, and stacking on pallets.

"We're also pleased that the new bags are much easier to open," Folkerts said. "We've used two 'B' closure locks at the bottom of the bag. Growers can use a hook to open the locks, eliminating the need to get under the bag."

The bags also are equipped with forklift sleeves and loops for easy handling or can be used with bulk cradles.



A new jumbo bag for Pioneer® brand bulk soybean seed offers improved safety and handling for growers who prefer the 2,500-pound containers. Each bag holds the equivalent of 50 typical seed bags.

For information about the availability of bulk soybean seed and the new bags in your area, contact your local Pioneer sales representative.

Loucks Attends Conference

YORK (York Co.) — Lester Loucks of Loucks Grain Equipment recently attended the MFS/York/Stormer 1993 National Sales Conference in Tucson, Ariz.

Loucks received updated information on the MFS and Stormer Grain Storage and York Material Handling line of equipment. Included were new product

announcements, product improvements, and business management topics.

Loucks was presented with a "High Volume" Sales Awarded by MFS/York/Stormer for 1992 sales achievements. These awards are presented annually to the top volume dealers.

Deere Introduces Self-Propelled Harvesters

MOLINE, Ill. — John Deere has introduced a complete new line of four 6000 Series self-propelled forage harvesters to replace its 5730 and 5830 models.

The new 270-hp 6610, 330-hp 6710, 375-hp 6810, and 430-hp 6910 feature increased horsepower and harvesting capacity, a new "straight-through" harvesting system, automatic knife sharpening and stationary knife adjustment, large cab, and other performance advantages.

Power for the 6610 forage harvester is provided by a John Deere six-cylinder 7.6 L diesel. Deere's six-cylinder 10.1 L diesel powers the 6710 model. Both engines are turbocharged and air-to-air aftercooled for fuel-efficient operation. The two largest harvesters use a 14 L Cummins diesel that is turbocharged and liquid-to-air aftercooled. All of the engines feature a broad constant power range and high torque reserve to effectively handle tough harvesting conditions.

All models feature an infinitely variable hydrostatic drive coupled with a 3-speed transmission. Top speed is 15.5 mph.

The larger 175-square-inch feed opening, combined with the new wider and faster 48-knife, 1,000 rpm DURA-DRUM™ cutterhead, provides increased crop handling capacity. Material flows straight through the feedrolls, cutterhead, and the standard chute to the blower and spout. This continuous crop flow without sharp turns makes efficient use of power.

The upper rear feedroll pivots on a radial arc, which enables it to closely follow the radius of the cutterhead. This provides accurate metering for a uniform length of cut. Spiral flutes on the upper front feedroll assure continuous and smooth crop flow from the harvesting unit.

Three shift rods in the enclosed feedroll transmission permit fast, easy changes of four length-of-cut positions and two harvesting unit speeds without tools.

The feedroll assembly is hinged and swings open for easy access to the cutterhead, stationary knife, and rear feedrolls. An interlock switch prevents operation when the housing is open. An Iron-Gard™ metal detector in the bottom front feedroll helps protect the cutterhead and livestock from iron-based metal.

The 24-inch-diameter DURA-DRUM cutterhead is 26 inches wide and rotates faster than the cutterhead on the previous models. The enclosed drum minimizes crop carryover for efficient delivery and reduced power requirements. The 48 segmented knives deliver accurate, vertical cuts for high-capacity uniform cutting.

All four 6000 Series machines feature a Powr-Savr™ system for automatic knife sharpening and stationary knife adjustment. The operator activates the sharpening function with the Powr-Savr control panel located in the cab's overhead console. Reverse rotation of the cutterhead and vertical and horizontal stone movement are automatic. When the knives are sharpened and returned to their original factory bevel, reverse rotation of the cutterhead stops automatically.

When the operator activates the automatic stationary knife adjustment system, the cutterhead engages in reverse and electric motors on both adjusting rods



The John Deere 6910, rated at 430 hp, is one of four new 6000 Series self-propelled forage harvesters. The other models include the 270-hp 6610, 330-hp 6710, and 375-hp 6810. These machines feature increased power and harvesting capacity and the efficiency of a "straight-through" crop handling design.

alternate to move the stationary knife to the correct setting. A sensing system accurately controls the fore-and-aft adjustments to ensure precise clearance to the rotating knives. When adjustment is completed, reverse rotation of the cutterhead stops and an indicator light goes on to alert the operator. The adjustment can be done at any time except when in crop.

Both knife sharpening and stationary knife adjustment can be done manually, if desired.

The high-capacity blower has four adjustable and reversible hardened-steel blades with sharp delivery edges to prevent wedging and reduce wear at the delivery point. The 1,800-rpm standard blower speed is recommended for corn and most other crops. A 2,050-rpm drive sheave, included on the machine, can be installed if more acceleration is needed in difficult haylage crops.

The center-mounted spout provides 180-degree rotation for loading to either side and to the rear of the machine. Double spout-cap deflectors round off the delivery arcs for smooth crop flow. A rocker switch on the operator's console adjusts the height of the spout for harvesting and transport.

The spacious cab provides virtually unobstructed visibility. The operator's seat with spring suspension adjusts for position and weight for a comfortable ride. An operator presence switch automatically stops the harvesting unit and feedrolls if the operator leaves the seat for five seconds with the harvesting functions engaged.

A comfortable passenger seat is provided as standard equipment. An optional cooler can be installed under this seat to keep food and beverages cool.

Control switches and monitors are conveniently located to enhance operator productivity. The machine operation control panel to the right of the operator contains switches for harvesting operations. A rocker switch on the armrest engages the feedrolls in forward, neutral, and reverse. The variable-ground-speed control lever contains switches for spout rotation and endcap position, harvesting unit lift, and emergen-

cy stop.

The right front corner post holds displays and gauges for monitoring various machine functions. It also houses the Info-Trak™ monitor, which provides digital information on ground speed, cutterhead speed, engine rpm, and engine and cutterhead working hours. Info-Trak also displays sharpening cycles, kernel processor roll clearance, and diagnostic codes to ease troubleshooting.

A number of options can be selected to equip the machines for a variety of jobs and conditions. For corn harvesting, an optional kernel processor has two heavy-steel rolls with sharp flutes that crack corn kernels for better digestibility. A choice of either manual or Powr-Savr automatic roll clearance adjustment is available.

For working in difficult, gummy crop conditions, a power chute with two powered rotors is available as an option to replace the standard chute and accelerate crop to the blower. A liquid applicator system is available from Harvest Tec, Inc., Hudson, Wis., for spraying water on forage to reduce crop gumming, or for applying acid preservatives or silage inoculants.

The power-rear-wheel-drive option supplies additional traction in adverse ground conditions. It can be engaged on-the-go to get through tough spots or for continuous, day-long operation.

Harvesting units for 6000 Series machines include a 7-foot windrow pickup (6610 and 6710 only), 3-meter commercial windrow pickup, row crop units for 3-row wide (6610 and 6710 only), 4-row narrow, 5-row wide, and 6-row narrow, and corn heads for 4-row wide, 5 36-inch rows, 6-row narrow, 6-row wide, and 8-row narrow.

Hydraulic harvesting unit flotation is controlled by a switch inside the cab. Once set, the system returns the harvesting unit to the proper operating height each time the unit is lowered.

The 6000 Series forage harvesters feature a Quik-Tatch™ mounting plate on the feedroll housing to make easy work of harvesting unit changes.

**Get MOOOv'n'
with Milkshakes!**