

Front-Folding Boom Available For Deere Sprayer

MOLINE, Ill. — The performance and convenience of a 60-foot, self-leveling front-folding boom is available as an option for the John Deere 6500 self-propelled sprayer.

The boom features complete hydraulic folding and unfolding from the cab, slip-clutch-protected, "break away" end sec-

tions, adjustable tension on the self-leveling suspension, polypropylene tubing, and Snap-Fit nozzle bodies with eight-psi check valves.

The 6500 sprayer can also be equipped with the standard 47-foot or optional 60-foot rear-folding boom.

The new boom's double-

folding design increases productivity and convenience when turning on narrow turn rows or maneuvering close to tree lines, fences, utility poles, and other obstacles. Each boom section is controlled independently by an electric switch on the hydrostatic-drive control handle. If either end of the boom accidentally contacts



The 60-foot, front-folding, self-leveling boom is available as an option for the John Deere 6500 self-propelled sprayer. The boom features in-cab hydraulic control of the folding and unfolding functions, and adjustable tension on the self-leveling suspension system to match varying field conditions.

an obstacle, the slip clutch on the 8-foot end section permits the section to "break away," so damage to the boom is prevented or minimized.

The trapezoidal-type self-leveling system helps keep the boom level for consistent spray coverage. To match varying field conditions, the suspension system is adjustable. The operator can raise or lower the left and right boom wings on-the-go, hydraulically, to fine tune boom-tip height. To handle a wide variety of spraying requirements, boom-height adjustment ranges from 24 to 96 inches.

Three-quarter-inch polypropylene tubing and Snap-Fit nozzle bodies with eight-psi check valves distribute solution along the boom. Nozzles are set on 20-inch spacing at the factory and are recessed behind the boom frames for protection. A field-installed tubing kit permits customizing nozzle spacing to meet specific row requirements. Nozzle drops are available as a field-

installed option. They can be positioned virtually anywhere the operator desires.

Long-wearing, Syntal plastic, white (number 3) Color-Tips™ spray nozzles and 50-mesh nozzle-tip strainers are standard equipment. Syntal tips normally provide longer life than stainless steel tips and cost less. The Syntal tips are color coded for easy size identification. Number 40- and 80-mesh boom strainers are also available.

A new, retractable ladder on the 6500 self-propelled sprayer complements the new boom with easier access to the cab and improved crop clearance. A switch mounted on the steering column enables the operator to raise or lower the ladder in 10 seconds or less. A ground-level switch permits retracting the ladder for storage, or for increased accessibility to the engine compartment. A convenient handrail prevents the operator from attempting to exit from the machine with the ladder retracted.

Air Disk Drill Tills, Seeds In One Pass

MOLINE, Ill. — The John Deere 730 air disk drill combines residue handling performance of a five-bar field cultivator with the accurate seed placement of double-disk openers, for one-pass tilling and seeding in minimum-till conditions.

When teamed with the speed and capacity of the John Deere 787 air seeding system, the 730 air disk drill's 28-, 36-, and 44-foot working widths provide productive and efficient seeding of small grains and soybeans.

The 730 uses the first four bars of the John Deere 980 field cultivator frame as the mounting points for new 5/8 x 1-3/4-inch standards with 135 pounds of trip force. The 24-inch underframe clearance and 123-inch fore-aft clearance promote residue flow through the machine. The 9-inch spacing of the standards and a choice of 10-inch sweeps or 11-inch Tru-Width™ sweeps provide thorough tillage and complete undercutting of weeds.

Depending on site requirements, the 730 can be equipped with either a double row of harrow tines to level the seedbed or one rank of harrow tines and a rolling basket to break clods and firm the soil behind the sweeps.

The fifth bar of the 730 is the mounting point for the double disk opener rockshaft. The 1/4-inch-offset double-disk openers are set on either 6-inch or 7-1/2-inch row spacing. The openers are positioned in a long/short stagger for increased residue flow. Exclusive depth-gauging press wheels are closely coupled for consistent seed depth, and they provide depth settings from 0 to 3-1/2 inches in 1/4-inch incre-



The John Deere 730 air disk drill tills and seeds in one pass. Available in 28-, 36-, and 44-foot models, the machine features a five-rank design with four ranks for tillage and the fifth rank for mounting the double-disk opener rockshaft.

ments. Changing depth settings is fast and convenient, and does not require tools.

An active, hydraulic down-pressure system provides consistent opener penetration over uneven terrain by maintaining a uniform pressure on the openers. Down-pressure for all the openers is set with a convenient knob and pressure gauge from a single location.

Single-point hydraulic depth control sets the operating depth for the tillage components.

Tandem Walk-Over™ wheels smooth out bumps and help maintain a consistent tillage depth. A castoring stabilizer wheel on each wing features a ratchet to make leveling quick and easy.

The wings fold 110 degrees over center for fold-and-go convenience and a narrow transport width of 19 feet for the 44-foot model and 16 feet for the two smaller sizes. Transport height ranges from 11 feet 3 inches for the 28-foot model to 17 feet 6 inches for the largest size.

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