WINDROWERS

W100 SERIES



JOHN DEERE

NOTHING RUNS LIKE A DEERE

WE'VE GOT THE RIGHT WINDROWER FOR THE JOB

The 148-hp W150 Windrower can be matched with six draper heads and two auger heads to provide the cutting and windrow performance that you need.









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W100 SERIES WINDROWER

VERSATILE AND EFFICIENT CUTTING

The 148-hp W150 Windrower offers you versatile and efficient cutting. With interchangeable draper heads from 15 to 40 feet (4.6 to 12.2 m) and auger heads from 16 to 18 feet (4.3 to 5.5 m), you get a draper machine that can be used in hay applications as well. You can match the speed of reels and belts to your ground speed with the header index. And more than 45 inches (114 cm) of underframe clearance keeps you going through tall crop.



QUICKLY CHANGE FROM HAY TO GRAIN HARVEST







ATTACHING AND DETACHING PLATFORMS IS EASY

Giving you the ability to quickly change from hay to grain harvest. If you grow diverse crops, this allows you to use the machine for more hours annually and get a better return on your investment.

SPEND LESS TIME IN TRANSPORT

W100 SERIES

Transport wide draper platforms with ease and control using the ballast box and 400D with an integrated transport system. The optional ballast box enables the power unit to safely transport without a platform. It also has a hitch for attaching and towing the 400D Platform.

INTEGRATED TRANSPORT SYSTEM WITH HITCH FOR 400D PLATFORM





TRANSPORT MODE IN SECONDS

The W150 Windrower transports with engine forward for full 23-mph (37-km/h) transport speed. The reversible operator station and controls allows engine forward transport. High travel speeds are possible due to the increased stability of having the drive wheels push the caster wheels.





OPTIONAL PLATFORM REVERSER

An optional platform reverser is available on the W150. Located in front of the header drive switch, it is easily activated from the operator's station to clear the platform of plugs that may occur.





OPTIONAL PLATFORM REVERSER

On the 400D Platforms, the optional reverser slowly reverses the optional conditioner and knife drive to clear plugs. The reverser is recommended when using the optional hay conditioner with the 400D Draper Platform. On the 100A Auger Platform the reverser slowly reverses the conditioning rolls, auger, and reel.

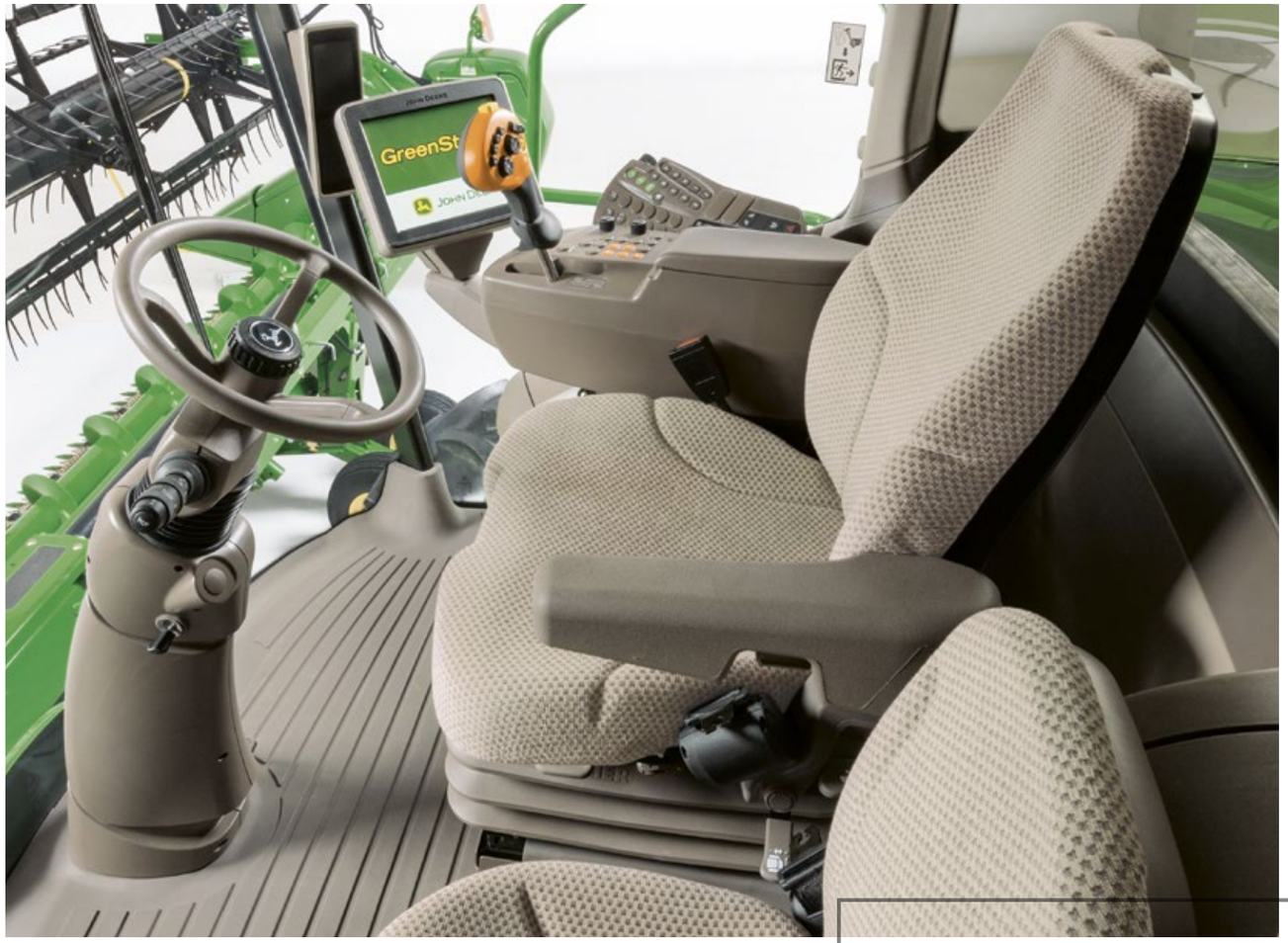
ALL-DAY COMFORT

W100 SERIES WINDROWER

The W100 Series Windrowers feature a roomy, environmentally controlled quiet cab, great visibility, an air-ride seat, an adjustable steering column, and the ergonomic multi-function control lever gives the operator convenient fingertip control on the armrest. The view out of the front window is un-obstructed all the way to the ends of the largest headers. The cab is positioned forward enough to provide a great view of the crop as it flows through the header. This allows ease of operation and maximum productivity even in the toughest cutting conditions.

The W150 has a four-point independent suspension using four coil-spring shock absorbers working in conjunction with fore-aft and side-to-side stabilizers to minimize cab roll. The shocks are placed at each corner of the cab so the entire cab can go up or down from the resting position. This suspension makes the W150 one of the most comfortable cabs in the industry.

Fold-away instructional seat is standard on the W150.





SPACIOUS INSTRUCTOR SEAT

The control panel, located in the right-hand side armrest, groups commonly used functions in one location for ease operation. These functions are either hydraulically or electrically controlled.

Armrest controls on the W150 include the following:

- Engine speed
- Ground-speed range
- Plaftorm engage/disengage
- Deck shift
- Windrow merger speed, raise, lower
- Turn signals
- Road hazard engage/disengage
- Float-line adjust
- Platform reverse



HARVEST MANAGER PRO

The cab display module (CDM) Harvest Manager Pro is located on the right hand armrest on the W110 or W150 and serves as a key interface between the operator and the windrower. The two-line display shows important ground and machine shaft speeds and also messages and warnings of importance to the operator.

INTUITIVE CONTROL SIMILAR TO OTHER JOHN DEERE HARVESTING EQUIPMENT MAKES IT EASY FOR OPERATORS TO MOVE FROM ONE MACHINE TO THE OTHER

400D DRAPER PLATFORMS

Efficient 400D Draper Platforms can handle heavy and bulky canola, wheat, barley, heavy silage, and downed or tangled crops.

Compatible with W155 Windrowers, the 400D drapers are available in sizes from 15 feet (4.6 m) to 40 feet (12.2 m) and give you a true-width cut. Even in wet, tough, high-yielding crop conditions, you'll get even crop feeding through the full width of the draper.





INTEGRAL TRANSPORT SYSTEM

The 430D, 435D, and 440D Draper models can be equipped with an integral, slow-speed transport system. One person can easily convert the draper from field to transport in minutes without the use of tools. Dual front-dolly wheel tires and two gauge-wheel tires carry the complete weight of the draper when in transport.



BETTER DURABILITY

The 100A Series Auger Platforms are available in 16-ft (4.8 m) and 18-ft (5.5 m) widths and are designed for use with the W150 Self-Propelled Windrower.

The 100A Auger Platforms have a dual-knife design for faster, cleaner and smoother cutting. The reel teeth are designed to lift lodged and tangled material, then draw it against the cutterbar for close, clean cutting in any direction.

The reel cam is easily adjusted to match crop release to varying crop conditions, such as light to heavy crop. You can easily control the reel speed from 15 rpm to 85 rpm. A simple, no-tool adjustment of the forming shields gives you more control over the windrow formation. The windrow width is adjustable from a narrow, 36-in. (91.4-cm) swath to a wide, fast-drying 92-in. (234-cm) swath, depending on crop conditions. The steel conditioning rolls are powered by a hydraulic motor with an adjustable speed from 601 rpm to 790 rpm and offer improved wear life, particularly in adverse soil and crop conditions.

HEADER INDEX

The header index adjusts the reel speed to the ground speed, letting you focus on the platform position instead of adjusting the reel speed as the windrower speed changes due to field conditions. The index maintains a preselected speed based on the ground speed plus an easily adjusted index number. This ensures that when you set the index, the reel will turn fast enough to ensure proper crop flow.



THE SYSTEM THAT'S RIGHT FOR YOU

Steel rolls, available on the 100A Series, are a full 102-in. (259-cm) wide to ensure thorough conditioning of the plant stem. The steel-on-steel intermeshing roll design ensures that leaves are retained for high protein value, providing high-quality hay, forage, and alfalfa crops. The straight design of these conditioner rolls makes them easy to repair, as damaged sections can easily be cut out and replaced.

RUN HANDS FREE

Better productivity starts with precision guidance. With a complete line of receivers, displays, and information management software, John Deere offers a precise guidance solution to fit any operation. Plus, easy-to-install components can be moved between machines. The W100 Series have an optional field-installed AutoTrac controller kit. See your dealer for details.

ENGINES THAT FIT

The W150 Windrower features a Tier 3 Cummins QSB 4.5L 4 Cylinder Turbo engine. The power levels and torque response are well matched to the needs of the 400D Draper and 100A auger Platforms.







SERVICE ABILITY

W100 series are eay to service. On the W100 Series, a high-opening tilt hood and sliding platforms allow easy access to service points on the engine, hydraulics, and electronics.



ROUTINE SERVICE CHECK POINTS ON ONE SIDE

On the W100 Series, a high-opening tilt hood and sliding platforms allow easy access to service points on the engine, hydraulics, and electronics. All routine service check points can be checked from one side of the machine, including:

- Engine oil level
- Engine air filter
- Fuel-water separator drain
- Coolant level
- Hydraulic oil level sight glass on reservoir



SUPPORT YOU CAN COUNT ON



LOCAL DEALER SUPPORT

When you invest in new John Deere equipment, you get more than the latest high-performance technology. You get the support of your local John Deere dealer. As part of a global network of world-class dealers, backed by a company with more than 175 years of experience in the farm-equipment business, John Deere can be counted on to keep you up and running. So, whether you need routine service and parts, in-field repairs, financing or just some advice, look no further than your local John Deere dealer.

PROTECT YOUR INVESTMENT

The PowerGard Maintenance Plan† is an effective preventive maintenance program designed to ensure that your windrower is maintained properly for peak performance, reliability and top resale value. The PowerGard Protection Plan protects your investment by allowing you to purchase extended engine and powertrain warranty coverage for up to a total of 5 years, or 3,000 hours usage. Talk to your dealer to learn more.

SPECIFICATION

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MOWER DECKS		
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AT THE END OF THE DAY, YOU CAN COUNT ON US.

In this business, it's nice to know you can rely on John Deere Financial. Our roots in agriculture are deep, and we're proud of the long-standing relationships we have with our producers, based on loyalty and trust. When you need customized financing that fits your needs, trust John Deere Financial. Ask your dealer about John Deere financing today.



*Subject to John Deere Financial approval and dealer participation. Minimum finance amount may be required. See dealer for details. Programs subject to change, without notice, at any time.

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