

Windrowers

W100 Series, W200 Series



We've got the right windrower for the job

With four traction unit choices between 155 and 260 horsepower, there's a machine that is perfectly matched for any small grain, hay or forage operation.

Both the 155-hp W155 and the new 173-hp* W170 Windrower can be matched with draper heads and auger heads to provide the cutting and windrow performance that you need.

For higher-horsepower cutting needs, look to the W235 or the W260 Windrowers, compatible with both rotary and draper heads. With integrated AutoTrac™, a top speed of 21 mph (34 km/h), the IntelliAxle™ rear steering-assist system and a well-appointed cab, you get all-day comfort even in rough fields.



*Power output is within + or - 5% at standard SAE J1995 and ISO3046.



CONTENTS

W100 Series Windrowers	4-7
W200 Series Windrowers	8-11
Draper Platforms	12-13
Rotary and Auger Platforms	14-15
Conditioning Systems	16-17
Precision Ag and IntelliAxle™	18-19
Engines and serviceability	20-21
Parts, service and support	22
Specifications	23

The W100 Series Windrowers

The 155-hp W155 and 173-hp W170 Windrowers offer you versatile and efficient cutting. With interchangeable draper heads from 15 to 45* feet (4.6 to 13.7 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 on the W170 keeps you going through tall windrowed crop.



*45-ft 1445D only compatible with the W170.
See page 23 for complete platform compatibility.



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

Transport wide draper platforms with ease and control using the ballast box and draper head 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 draper head.



Transport mode in seconds. The W100 Series Windrowers transport engine forward with transport speeds up to 27-mph* (43-km/h) with the W170. High travel speeds are possible due to the increased stability of having the drive wheels push the caster wheels.



*Transport speed is limited to 21-mph when towing the header.



The draper head reverser on the W170 is located in front of the header drive switch. It is easily activated from the operator's station to clear the draper head of plugs that may occur.



On the draper platforms, the reverser slowly reverses the optional conditioner and knife drive to clear plugs. The reverser is recommended when using the hay conditioner with the 400D and 1400D Draper Platforms. On the 100A and 1100A Auger Platforms, the reverser slowly reverses the conditioning rolls, auger and reel.

W200 Series Windrowers

Days can be long during harvest. That's why the W200 Series Windrowers are designed to meet your demanding productivity requirements. Integrated AutoTrac™ enables faster cutting speeds while Constant Header Speed maintains crop and cut quality.

Its thoughtfully designed cab offers greater visibility and additional comforts to make your day manageable. The CommandCenter™ provides fingertip access to all the controls you'll need throughout those long cutting days.

Built around 6-cylinder, 6.8L John Deere engines, the 235-hp W235 and the 260-hp W260 Windrowers have the power to get through the toughest crops. Heavy-duty planetary final drives give these windrowers extra durability in the most challenging conditions, but the ride stays smooth, thanks to the IntelliAxle™ and larger front and rear tires.

An independent float suspension improves cutting performance over irrigation berms, pivot wheel tracks and uneven cutting surfaces by allowing the operator to change the left and right side platform floatation pressure independently. This reduces wear on the cutter bar and is easily adjustable with the hydro handle.

Plus, you can plan with confidence, since the W200 Series are JDLink™* enabled. You or your dealer can remotely monitor the machine to ensure optimal operation and stay on top of routine maintenance.



The W235 and W260 Self-Propelled Windrowers are compatible with the 525D, 530D, and 536D Draper Platforms and 994, 995, and 500R Rotary Platforms.

*Activation/subscription required. Some additional accessories and/or components may be required. JDLink requires a cellular data connection to transfer information from machine to JDLink website. Consult your local John Deere Dealer for coverage availability.



The W200 Series Self-Propelled Windrowers are compatible with the 525D, 530D, and 536D Draper Platforms and 994, 995, and 500R Rotary Platforms.

All-day comfort, intuitive control

The W200 Series Windrowers offer user-friendly displays and a comfortable operating experience for long days in the field.

The well-appointed cab provides greater visibility to the platform. A cab and controls similar to other John Deere harvesting equipment makes it easy for operators to move from one machine to the other.

A tilt-and-telescope steering column and ComfortCommand™ air-suspension seat adjust to fit any operator. The CommandARM™ keeps frequently used controls within easy reach. The soft-touch control panel lets you easily set ground speed range, access diagnostic and calibration information and adjust climate control temperature and fan speed.





Display options: See what you need to see



Just like the controls in our combines, GreenStar™ 3 CommandCenter display puts vital machine information within reach, making it easy for you to make quick guidance or machine adjustments. Plus, you can easily get diagnostic information and monitor machine productivity.



The easy-to-read Primary Display Unit (PDU) makes it easy to monitor machine functions as you run. The full-color display on the right-hand cornerpost shows essential machine information, like fuel level, engine temperature and platform or reel speed. In addition, error messages and warning lights alert you to anything out of the ordinary.

400D and 1400D Draper Platforms

Efficient 400D and 1400D Draper Platforms can handle heavy and bulky canola, wheat, barley, heavy silage, and downed or tangled crops.

Compatible with the W170 Windrower, the 1400D Drapers are available in sizes from 15 feet (4.6 m) to 45 feet (13.7 m). The 400D Drapers are available in sizes from 15 feet (4.6 m) to 40 feet (12.1 m) and are compatible with the W155 Windrower. Both the 400D and 1400D Drapers 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.



The 430D, 435D, 440D, 1430D, 1435D, 1440D and 1445D 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.



500D Draper Platforms

The 500D Draper Platforms are engineered for high-performance reliability, even in muddy conditions. Available in widths from 25 feet (7.6 m) to 36 feet (11 m), 500D Draper Platforms are compatible with the W235 and W260 Windrowers and can be interchanged with a rotary head on both traction units.

Constant header speed logic maintains knife, belt, and reel speed to avoid clumps and maintain consistent cut quality. Fully integrated controls to the draper means there's no need for a secondary control box.



In 30 minutes or less, the rotary head can be removed and one of the 500D Series Drapers can be placed on the traction unit, which means you can harvest small grains and hay with one traction unit.

Here's another time saver – quick-change reel teeth. If one breaks, it can be removed and replaced with minimal tools. And it's back to work fast.

Center belt drives give you more torque in difficult conditions, which gives you more consistent performance in heavy or wet crop.

Rotary Platforms

With the 994, 995 and 500R Rotary Platforms, your W200 Series Windrowers can deliver a quality cut and even windrows every time. On the 500R, the design converges more crop toward the center of the windrow for consistently even windrow formation. This reduces your drydown time without compromising cut quality. The 16-foot (4.9-m) platform is available with urethane, Tri-Lobe™ or V-10 conditioning rolls.

The 994, 995 and 500R Platforms offer hydraulic cutterbar angle adjustment and a diagonally cut module. The 14-foot, 6-inch (4.4-m) 994 Platform is available with impeller, urethane, Tri-Lobe and V-10 rolls. The 995 Platform, which has a 16-foot (4.9-m) working width, is available with an impeller conditioner.

And these platforms come with shearhub protection to safeguard the cutterbar's internal gears. Each cutting disk is attached to a specially designed driver on the splined pinion gear, which shears when the disk hits a solid object. This shearing protects the internal cutterbar components. Replacing a shearhub is considerably easier (and far less costly) than repairing or replacing a cutterbar.



Easy cutterbar removal



The John Deere cutterbar features individual modules with a diagonal design. Each module slips in and out individually. Just remove seven bolts. The other modules remain attached to the cutterbar frame when the single unit is removed. The cutterbar also can stay on the machine during module removal. The diagonal-cut profile makes alignment easy; reattach the bolts and you're done.

Constant header speed

Constant header speed delivers consistent cut quality and uniform windrow formation throughout varying crop conditions and changing terrain. It allows you to keep your header rpm high to maintain cut quality. Or to slow your engine rpm in light crop conditions to save fuel.





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.

Auger Platforms

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 W155 Windrower. The 1100A Series Auger Platforms, available in the same widths, are compatible with the W170 Windrower.

The 100A and 1100A 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.

Choose the system that's right for you

More traction units, more platforms and more conditioning options. No matter the crop or field conditions, John Deere has a conditioning system designed for your needs. Your dealer can tell you more about which system would be the best fit for you.

Impeller conditioners, available only on rotary platforms, work well in crops that are under four feet tall when cut, such as fine-stem grasses. They can be adjusted easily for top conditioning in a variety of crops and field conditions.

Urethane rolls stay straight across the entire width of the machine for even conditioning. Intermittent recessed cleats provide extra crushing pressure.

Tri-Lobe™ steel rolls have three intermeshing chevron lobes that crush the length of the stem for improved conditioning and faster drydown, as well as durable and serviceable end shafts.

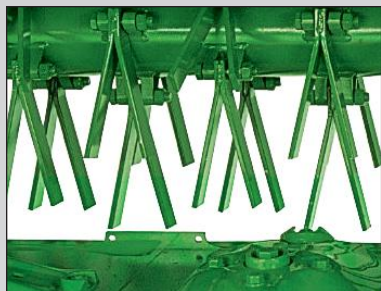
V-10 rolls bring the benefits of roll conditioning to extra-tough crops, like sudan, sudex and cane, without overpowering other crops like alfalfa or grass. Perfect for high-use and abrasive crops, they're steel and extremely durable.

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.



Conditioning Systems	Impeller	Urethane Rolls	Tri-Lobe Rolls	V-10 Rolls	Steel Rolls
Alfalfa	■	■	■	■	■
Fine-stem grass	■	■	■	■	■
Heavy-stem/tall grass		■	■	■	■
Platforms	994, 995	994, 500R	994, 500R	994, 500R	100A Series

■ – Suitable ■ – Preferred



Adjusted properly, impeller conditioning can significantly reduce drydown time. Evenly spaced V-shaped tines are mounted on a rotating tube. As soon as the hay is cut by the disks, the tines carry it through the machine. The hay rubs against itself and against a specially designed, adjustable conditioning hood. This removes the waxy layer from the stems, allowing moisture to evaporate faster.

Exclusive 105.5-inch (2.68-m) urethane conditioning rolls on the 500R and 994 Platforms feature intermittent recessed cleats. Urethane is molded at a cool temperature, so the steel core won't warp. Rolls stay straight to help hay dry evenly.



John Deere exclusive Tri-Lobe rolls crush the entire stem of the plant, reducing curing and bleaching in alfalfa, while speeding drydown in heavy, thick-stemmed crop. Their intermeshing chevron-patterned, high-strength steel design cuts down on wear. And replaceable end shafts make for easier, less costly repairs.



No matter the crop or field conditions, John Deere has a conditioning system designed for your needs, your operation. Your dealer can tell you more about which system would be the best fit for you.



Intermeshing steel-flutes on the V-10 rolls put the rush on drydown. Designed for thick-stemmed crops and high-hour operations, these rolls provide consistent conditioning that maintains crop nutrients, even in the most demanding conditions.

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 W200 Series Windrowers offer Integrated AutoTrac™ to deliver increased productivity and enhanced performance at faster cutting speeds.

The W100 Series have an optional field-installed AutoTrac controller kit. See your dealer for details.

The W200 Series also come equipped with JDLink.* Use it to manage costs, promote efficiency, and protect your equipment investment. Partner with your dealer, and JDLink lets you view diagnostic codes and recordings or maintenance data. And add in Remote Display Access to see what your operator sees on their screen, making setup and troubleshooting tasks easier than ever. All from your computer, smartphone, or tablet, wherever your workday takes you.



*Activation/subscription required. Some additional accessories and/or components may be required. JDLink requires a cellular data connection to transfer information from machine to JDLink website. Consult your local John Deere Dealer for coverage availability.



Better handling at any speed

It takes more than speed to improve productivity. It takes control to cut a full header-width on each pass. It takes heavy-duty wheel motors to deliver the torque you need for rough terrain. The key is the IntelliAxle™, a speed-sensing rear steering-assist system available on the W200 Series Windrowers.



IntelliAxle Features Adjustable Sensitivity

IntelliAxle features a proportionally controlled rear steering system which provides faster and more accurate steering response during manual and AutoTrac™ operation. The operator can adjust the rear steer sensitivity using the CommandARM™ display to provide the desired steering response. This translates to improved online accuracy at faster operating speeds.

Engines

The W100 Series Windrowers feature Final Tier 4-compliant John Deere 4.5 L, four-cylinder turbocharged engines.

The W200 Series Windrower engines are final Tier-4 compliant 6.8 L John Deere PowerTech™ turbocharged engines, engineered to meet the daily demands of your operation.





Serviceability

Both the W200 Series and W100 Series are easy to service. On the W200 Series, gull wing side panels lift open for easy access to the engine and other service points. Panels are made from a durable soy-based composite. Plus, CAN bus integration makes troubleshooting easier than ever. Technicians can easily access a service point from inside the cab to diagnose machine problems.

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

Genuine and Guaranteed

Your local John Deere Dealer offers a comprehensive parts inventory, highly trained service technicians, and the expertise to help you get the most out of your equipment investment. Genuine John Deere agricultural parts installed by an authorized John Deere Dealer carry a 12-month, unlimited-hour warranty including labor. If you prefer to handle repairs yourself, all John Deere O.E.M. parts sold carry a 6-month warranty.*

Protect your investment

PowerGard™ Protection Plans offer valuable extended warranty coverage to protect your investment and provide peace of mind. Flexible options include engine and powertrain plans up to 5 years/3,000 hours and comprehensive plans up to 36 months/3,000 hours. PowerGard warranties are fully transferrable or plans can be extended if your operation needs should require longer term options down the road.**

*12 month/unlimited hour warranty on new agricultural parts installed by an authorized John Deere Dealer. 6 month/unlimited hour warranty for all new John Deere agricultural and turf equipment parts. See John Deere Service Repair & Parts Warranty for details at JohnDeere.com/PartsWarranty or JohnDeere.ca/PartsWarranty.

**See your JohnDeere dealer or visit JohnDeere.com/PowerGard or JohnDeere.ca/PowerGard for complete details.



Auxiliary Lighting Kits

- BE32376 – W110, W150, W155
- BE32733 – W170
- BE32485 – W235 and W260



Footrest Kit

- KXE10454 – W235 and W260



Windshield Shades

- BE32365 (front and rear shades) – W110, W150 and W155
- AFH218029 (rear only) – W170
- AFH218027 (front only) – W170



Models	W155	W170	W235	W260
Engine				
Type	John Deere 4.5 L Final Tier 4	John Deere 4.5 L Final Tier 4	John Deere 6068HE001: 6.8 L PVS Final Tier 4	John Deere 6068HE002: 6.8 L PSS Final Tier 4
Horsepower*	155 (115kW) @ 2300 rpm	173 (129kW) @ 2300 rpm	235 (175.2 kW) @ 2400 rpm	260 (193.9 kW) @ 2400 rpm
Displacement	275 cu. in. (4.5 L)	275 cu. in. (4.5 L)	414 cu. in. (6.8 L)	414 cu. in. (6.8 L)
Electrical System				
Type	12 volt	12 volt	12 volt	12 volt
Alternator output	130 amps	200 amps	240 amps	240 amps
Number of batteries	2	2	1	1
Capacities				
Fuel capacity	97 US gal. (367 L)	140 US gal. (530 L)	150 US gal. (568 L)	150 US gal. (568 L)
Hydraulic reservoir	17.2 US gal. (65 L)	15.3 US gal. (58 L)	25 US gal. (94.5 L)	25 US gal. (94.5 L)
Cooling system	6.3 US gal. (24 L)	7.92 US gal. (30 L)	13 US gal. (49.2 L)	13 US gal. (49.2 L)
Tires				
Drive wheels (standard)	18.4 x 26 button	600/65R28 bar	520/80R38 R1 radial bar	520/80R38 R1 radial bar
Drive wheels (optional)	18.4 x 26 bar or turf, 23.1 x 26 turf or 600/65 R28 radial bar	580/70R26 turf	24.5R32 159A8/B (R3) radial button, 650/75R32 172R1W radial bar, 480/80R38 149A8 R1 radial bar (required on 994-4m platform)	24.5R32 159A8/B (R3) radial button, 650/75R32 172R1W radial bar, 480/80R38 149A8 R1 radial bar (required on 994-4m platform)
Caster wheels (standard)	10 x 16 or 16.5L-16.1 forked casters	16.5L-16.1 with independent suspension	14L x 16.1 8-ply rib	14L x 16.1 8-ply rib
Caster wheels (optional)	7.5 - 16 SL or 10 x 16 formed or forked casters	11 x 16 with single sided caster (mud)	16.5L x 16.1 8-ply rib	16.5L x 16.1 8-ply rib
Maximum speeds				
Transport	23 mph (37 km/h)	27 mph (43.4 km/h) engine-forward	21 mph (33.8 km/h)	21 mph (33.8 km/h)
Field	16 mph (26 km/h)	18 mph (28.9 km/h)	15 mph (24.1 km/h)	15 mph (24.1 km/h)

Windrower/Platform Compatibility				
Model	HP	Draper Platforms	Auger Platforms	Rotary Platforms
W155	155	415D, 420D, 425D, 430D, 435D, 440D	160A, 160A Grass Seed, 180A	N/A
W170	170	1415D, 1420D, 1425D, 1430D, 1435D, 1440D, 1445D (new)	1160A, 1160A Grass Seed, 1180A	N/A
W235	235	525D, 530D, 536D	N/A	994, 995, 500R
W260	260	525D, 530D, 536D	N/A	994, 995, 500R

Platform Attachments		
100A/1100A Series	400D /1400D Series	500D Series
Non clog guards	Non clog guards	Cross auger for single or double swath
Fine and coarse knife sections	Fine and coarse knife sections	Deck extensions
Gauge rollers	Double draper drive	End-strut gauge wheels
Gauge shoes	Hydraulic deck shift**	Four-wheel transport system with slow speed dolly wheels at hitch
Crop dividers	Steel end fingers	
Double windrow attachment	Top crop conveying auger	
Forming shields	Full width poly skid shoes	
	Inboard gauge shoes	
	Gauge wheels	
	Integrated slow speed transport kit	

*Power output is within + or - 5% at standard SAE J 1995 and ISO3046.
Specifications and design subject to change without notice. Optional attachments/features available at extra cost.

**Not available as an attachment for 1400D Series.



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.



U.S.A. www.JohnDeereFinancial.com
Canada www.JohnDeereFinancial.ca

*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.



This literature has been compiled for worldwide circulation. While general information, pictures, and descriptions are provided, some illustrations and text may include finance, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification, design and price of products described in this literature without notice. John Deere, the leaping deer symbol, and John Deere's green and yellow trade dress are the trademarks of Deere & Company.

