

SPEEDROWER® PLUS SELF-PROPELLED WINDROWERS

Speedrower 160 PLUS | Speedrower 220 PLUS

Speedrower 260 PLUS



Productivity. Precision. Performance.

Across every acre, it's our passion to give you more. The newest generation of Speedrowers is the product of years of conversations with haymakers like you in order to build a windrower that helps you mow more hay in a day. The result is the Speedrower PLUS self-propelled windrower, which offers superior drivability with advanced SensiDrive™ drive-by-wire controls, enhanced productivity with the industry's fastest speeds, easy-to-use precision solutions, and our most comfortable ride ever.

Model	Rated/Maximum HP (kW)	Tier 4B Engine	Top Speeds In-Field/ On-Road - mph (kph)
Speedrower 160 PLUS	150/161 (112/120)	4.5L 4-Cylinder	20/22 (32/35)
Speedrower 220 PLUS	210/220 (156/164)	6.7L 6-Cylinder	20/22 or 30* (32/35 or 48*)
Speedrower 260 PLUS	250/261 (186/194)	6.7L 6-Cylinder	20/22 or 30* (32/35 or 48*)

*Top speed with High-Speed Transport option. Tire size can change top speed capabilities.





Scan to see the Speedrower PLUS in action.

See what the PLUS is all about

Here are a few reasons why these windrowers will be an added PLUS to your haymaking operation:

+PRODUCTIVITY

- + Faster in-field operation and standard transport speeds
- + Improved IntelliSteer™ auto guidance accuracy
- + Simplified startup procedure
- + **New** Comfort Ride™ cab suspension design
- + **New** Terraglide™ air-ride rear axle suspension
- + **New** customizable controls
- + **New** premium cab package seating

+PRECISION

- + **New** SensiDrive™ drive-by-wire ground drive
- + Standard IntelliView™ IV display
- + Standard IntelliCruise™ automation
- + Improved IntelliSteer™ auto guidance accuracy

+POWER

- + **New** electrohydraulic drive system
- + **New** higher-torque ground drive
- + **New** more powerful disc header drive

+PERFORMANCE

- + Redesigned longer frame
- + Fewer hoses, fittings and connections
- + More reliable supplier components

+POLISHED

- + **New** yellow chassis – a nod to Speedrower heritage
- + **New** leaf logo rotary screen cover
- + Sleek, modern decals



Maximum uptime to save you time

The time you save between fields helps you mow more acres every day. For maximum uptime, the Speedrower PLUS Series delivers ground-level fueling, simple serviceability, and impressive service intervals. At startup, there's no delay or need to manually-center the steering wheel. Complex mechanical and hydro-mechanical controls are eliminated to reduce daily maintenance points.



Faster in the field and down the road

Time savings come standard with the Speedrower PLUS Series. All three models provide an impressive in-field top speed of 20 mph (32 kph). To keep you moving quicker from field to field, standard models offer top speeds of up to 22 mph (35 kph) while the new high-speed transport version (available on Speedrower 220 PLUS and 260 PLUS) offers the fastest top speed in the industry at 30 mph (48 kph). High-speed transport versions provide head-forward visibility plus the added control of automatic service brakes and rear axle steering for stable, confident, and productive transporting.

Operate with confidence.

Dependability is measured over thousands of acres

New Holland understands that commercial dependability is measured over thousands of acres. Therefore, the quality of every component makes the difference. That's why we partnered with Danfoss®, a leading global producer of hydraulic drive pumps, motors, and hydrostatic ground drive solutions. We went a step further and developed a new main gearbox to power these windrowers and upgraded to heavy-duty Dana® brand planetary final drive gearboxes. The result is design reliability that you can depend on to deliver productivity, acre after acre.



Effortless productivity with the new SensiDrive™ ground drive system

To cut more acres in a day, Speedrower® PLUS windrowers are easier to drive and can operate at faster speeds. The new SensiDrive™ ground drive system uses drive-by-wire technology to control the ground drive pumps and wheel motors, resulting in more power in tough conditions and straighter mowing with less steering fatigue. Improved drivability also yields speeds of up to 20 mph (32 kph) in-field and 30 mph (48 kph) on-road – the fastest in the industry and 30% faster than prior Speedrowers.



More ground drive power in the toughest conditions

These windrowers have been designed to deliver power in the toughest conditions, such as on steep hills. In fact, the standard speed (22-mph/35-kph) Speedrower 220 PLUS and 260 PLUS have the potential to deliver over 11,000 lb. ft of torque to the drive wheels, nearly doubling the prior generations hill climbing ability. Additionally, the high-speed transport (30-mph/48-kph) versions of the Speedrower offer a 20% hill-climbing improvement. Even more impressive is the SensiDrive ground drive system, which compensates by automatically adjusting the pump and wheel motors to provide ample drive torque while eliminating system over-pressurization.



Tried and proven engine and emission solutions

Powering all three models are ECOBlue™ HI-eSCR (High-Efficiency Selective Catalytic Reduction) engines developed by Fiat Powertrain (FPT) Industrial. These engines offer clean, reliable power and performance with impressive fuel efficiency and torque.



Tier 4B Components

1 Diesel Exhaust Fluid (DEF) Tank

Features on-ground fill point, a heating element to facilitate operation in below-freezing temperatures, and a filter to maintain system cleanliness.

2 Diesel Oxidation Catalyst (DOC) Canister with Dosing Module (Nozzle)

Component where a controlled amount of DEF is introduced and mixed into the untreated exhaust gas.

3 Selective Catalytic Reduction (SCR) Canister

Location where the catalytic chemical reaction takes place.

- Nitrogen Oxide (NOx) Sensor – one sensor measures NOx in the untreated exhaust, while a second one measures NOx as it exits the exhaust treatment system at the exhaust pipe.
- Turbo Flapper Valve – Maintains optimum engine exhaust temperature to maximize efficiency of the catalytic process.

Style meets function

Productivity requires keeping both you and the windrower cool. On the rear of the machine, the iconic New Holland leaf logo has been incorporated into the rotary screen protective cover. However, this cooling system features updates beyond aesthetics – it's designed for optimal heat exchange to maintain engine and hydraulic cooling efficiency. While competitive designs use a hydraulically-driven cooling fan that consumes horsepower and varies rotary screen suction and air flow, the Speedrower PLUS has a mechanical-driven 42-inch (1067 mm) fan that runs continuously to provide uninterrupted air flow and nonstop rotary screen cleaning.



Ideal comfort and visibility.

The Speedrower® PLUS Series is built with the comfort you need to help you mow longer. To make climbing into the cab easier, the steps and entry platform were redesigned. The standard and deluxe cab packages offer cloth-covered, air-ride suspension seats, while the premium cab package comes with luxurious leather-covered, high-back seats with heat and cooling ventilation. Adjustments to tailor the operating experience don't stop there. The three-way adjustable, telescopic steering wheel tilts at both floor and knee level and the right-hand seat-mounted console moves along with the seat. Surrounding you is 73 square feet (6.8 square meters) of curved, tinted cab glass for optimal visibility, even quieter noise levels, and a high-capacity air conditioning and heating system that maintains your desired temperature.



Model	Standard Cab	Deluxe Cab	Premium Cab
IntelliView™ IV color touchscreen display	•	•	•
Air-ride, cloth seats	•	•	-
Air-ride, ventilated leather seats	-	-	•
Deluxe front LED lighting	-	•	-
Premium front and rear LED lighting	-	-	•
Automatic HVAC controls	-	•	•
Premium Bluetooth & XM radio (handsfree)	-	•	•

IntelliView™ IV Display

All Speedrower PLUS windrowers are equipped with a 10.4-inch (264-mm) IntelliView IV color display. Conveniently located on the right-hand console to provide best-in-class visibility, this touchscreen display makes operation simple with customizable run screens and fully-integrated, factory-installed IntelliSteer™ Auto Guidance.



Take command with the CommandGrip™ multifunction handle

The comfortable, easy-to-use CommandGrip multifunction handle puts precision control at your fingertips. This handle's ergonomic design delivers a comfortable feel and places the most-frequently used controls, like forward and reverse, header and reel position, headland management, and auto-guidance engagement right where you need them.



Comfort Ride™ cab suspension

Across even the roughest fields, Comfort Ride cab suspension has been optimized for faster speeds. The four-point suspension includes new front isolation mounts and updated coil springs over the shocks at the rear to cushion the entire cab.



Terraglide™ rear axle suspension

The Terraglide air-ride rear axle provides the most comfortable ride possible in the roughest field conditions. Compared to prior models, the new trailing arm design reduces forces felt in the cab by up to 50%. This axle features a four-link, solid beam design that stabilizes cab pitching during fast turns and rapid speed changes. Adjustments are simple with the single central airbag and a height measurement notch on the frame.



Precision solutions to maximize productivity and improve your bottom line



IntelliSteer™ guidance – factory-installed and factory-tested

For maximum productivity, choose the factory-installed and tested IntelliSteer automatic steering system. IntelliSteer is fully-integrated to provide you with complete steering control at the touch of a button, which means you can focus more on mowing and less on operating the machine. With the SensiDrive™ electrohydraulic ground drive system, performance, response and accuracy have significantly improved compared to previous models. As a result, these windrowers are faster, easier to operate, and more efficient. All models are IntelliSteer-ready and the system works directly with the IntelliView™ IV display as the single interface without the need for a second monitor.

By upgrading to the full factory-installed IntelliSteer solution, you will receive the Navigation III Controller and NH372 receiver. IntelliSteer offers a wide range of accuracy signals from WAAS (6- to 9-inch [152 to 229 mm] Pass to Pass) to RTK and RTK+ (sub-1 inch [25.4 mm]), so you can choose the signal that works best for your operation.

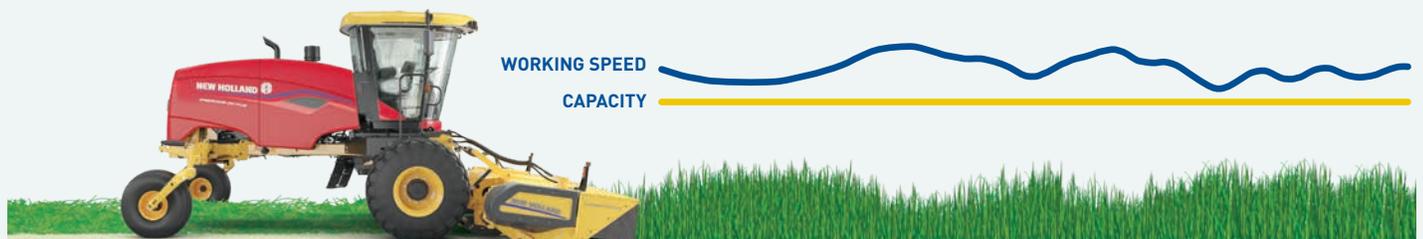


Headland Management Automation

Repetitive activities increase your fatigue and decrease your productivity. When long days of cutting turn into nights, that means fewer acres mown per hour. Headland Management Automation makes headland turns effortless and enhances pass-to-pass accuracy. With the simple push of the dedicated button, this customizable precision solution controls ground speed, header lift, and even merger lift to reduce fatigue and maintain high productivity.

IntelliCruise™ Automation

Precision technology can help make a good operator even better, and that's exactly what the IntelliCruise automation system does. With two unique driving modes, IntelliCruise optimizes the windrower for productivity or economy. With the Power Cruise Mode active, you can select a maximum forward speed. As conditions change and engine loads fluctuates, the ground speed will be adjusted to ensure disc speed and header power are maintained. An industry exclusive, the Eco Cruise Mode allows you to control the ground speed and set the desired engine speed range. In light to medium crop conditions, this mode lowers engine speed while ground speed remains constant to reduce noise and fuel consumption. When heavier crop is encountered, engine speed is automatically increased, while ground speed remains constant.



Experience the advantages of seamless connectivity.

MyPLM™ Connect

Get more out of your data with MyPLM Connect, including real-time information sharing, data management and analysis, and machine monitoring. Agronomic data, including bale mapping, moisture sensing and other valuable information specific to your crop, is actively recorded while baling, then seamlessly transferred in your MyPLM Connect portal. Then, tap into data mapping, visualization, and analysis tools to make informed decisions that support your bottom line.

For enhanced support and service, including subscription activations and renewals, preventative maintenance and advanced diagnostics, opt to share fleet information with your dealership to ensure you can access critical support when it matters most.



USB data logging

When units are not connected to the MyPLM Connect portal via telematics or when connectivity service is limited, manual data logging is a practical solution. The IntelliView™ IV monitor allows you to save bale weight, moisture, yield monitoring, GPS drop points and other valuable data to track jobs and field/crop performance (if using machines equipped with New Holland precision technology).

MyNewHolland.com

Register your machine and precision tools, access operator's manuals, view how-to videos and more — available only to New Holland equipment owners. Plus, navigate to MyPLM Connect and other New Holland portals from one convenient location.



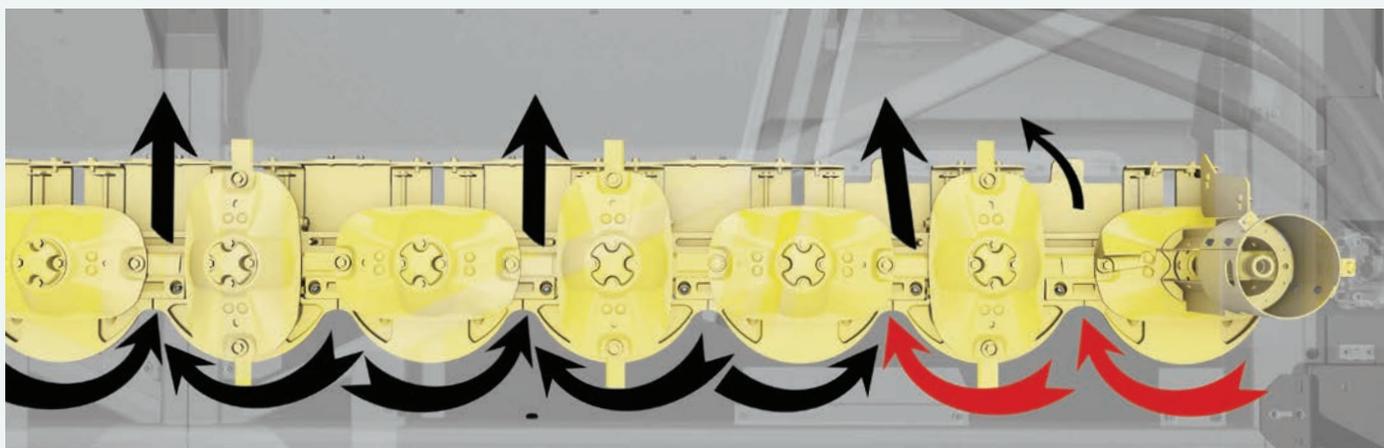
A cut above the rest.

Durabine™ PLUS disc headers are designed to take advantage of faster speeds on Speedrower® 220 PLUS and 260 PLUS windrowers without compromising cutting and conditioning quality. After all, productivity is more than how many acres you can cut – it's also drydown time.

Clean and close cutting

To maximize productivity, the all-new MowMax™ II PLUS true modular cutterbar delivers a cleaner cut. Longer knives extend each module's cutting diameter by nearly 1 inch (25.4 mm) and turn with a tip speed of 171 mph (275 kph) at 2300 rpm on the Durabine 413 PLUS and 195 mph (314 kph) at 2600 rpm on the Durabine 416 PLUS and 419 PLUS, which is 14 mph (22 kph) faster than the previous series (181 mph (291 kph)). For better crop-to-knife engagement, the cast rock guards were reshaped. To improve cutting in light- or late-season crops, the profile of the cutterbar was lowered by bringing the discs closer to the cutterbar with new low profile ShockPRO™ hubs. Along with the longer knives, this design is more productive in down and tangled crops as the cutting height was lowered nearly 30%, leaving less uncut crop behind.

To optimize crop flow and conditioning, Durabine 416 PLUS disc rotation delivers the crop in four streams into the new Constant Flow Auger. The result? More even windrows with improved center fill. Crop wrapping is prevented and conditioning roll end wear in abrasive crop conditions is reduced.



3-year MowMax cutterbar warranty

With every Durabine PLUS disc head you get the peace of mind provided by 36 months of cutterbar warranty coverage. Coverage includes one full year of base factory warranty, plus two additional full years of MowMax II PLUS disc cutterbar warranty. It's a New Holland exclusive – you're backed by the best in the business.

MOWMAX II



Save time with the QuickMax™ knife-change system

When it comes to haymaking, your time is precious. The patented QuickMax system is standard and allows you to quickly change a damaged knife or flip an entire set of knives so you're back to clean cutting in just seconds. Fast knife changes are done with a 180-degree rotation of the discs and the use of a special tool stowed on the head, which pries down the spring plate to release the knife from the knife nut. Knife-lock technology assures knife retention in the most difficult conditions.



Available replacement knives

Durabine PLUS Series heads can be equipped with knives that best fit your crop conditions and soil types. All knives work with the QuickMax knife change system and feature two cutting edges so they can be flipped for double the life.

- **12- and 7-degree twisted smooth knives** – 12-degree twisted smooth knives come standard for normal cutting conditions, while 7-degree twisted smooth knives offer clean cutting and reduced blowdown in light or short crops. University studies have shown that less knife twist can also help reduce ash content. New Holland recommends 7-degree smooth twisted knives in rocky or stony conditions.



Smother feeding. Faster drying.

Smooth and consistent feeding (Durabine™ 416 PLUS & 419 PLUS)

A full-length constant flow auger quickly moves crop away from the cutterbar for increased capacity, optimum feeding, uniform conditioning, and an evenly-distributed windrow. This heavy-duty, 20-inch (508 mm) auger features thick, 5/16-inch (7.9 mm) flighting with reinforced gussets on the back to handle the heaviest crops with ease. For optimal crop flow, multiple paddles are staggered throughout the auger. To protect the conditioning rolls, a rock door is located behind the auger, which can be opened to allow debris to drop out as well as reduce turbulence in very light crop conditions.



Impressive header power

When the conditions get tough, rest assured that Speedrower® 220 PLUS and 260 PLUS models will maintain impressive cutting performance. In comparison to prior Speedrower models, the new Danfoss® Hydraulic electronically-controlled pump provides increased hydraulic flow while turning at a slower rated engine speed. To provide quieter header drive and improved oil flow, the header drive is transmitted through a hydraulic distribution block and low back-pressure flat-faced couplers. High-performance Bondioli hydraulic motors on the head increase the header drive working pressures and provide superior reliability.



Grass Seed Harvesting Configuration

The Durabine 416 PLUS Specialty Grass Seed Harvesting Configuration delivers high-capacity performance in delicate crops that do not require conditioning, like grass and flower seeds and mint. A unique auger features flighting that tapers as it approaches the center of the head, with no paddles, supports, or conditioning rolls. A flexible lean bar in front assists tall crop flow into the head, without sudden impacts that could shatter seedpods. A second curtain hanging above the cutterbar improves crop flow. In the back, windrow-forming rods gently direct crop into a windrow ready for harvesting.

Diverse crop harvesting is no problem for Durabine PLUS disc heads. You can change conditioning modules quickly to suit crops and maximize quality or remove the conditioning module entirely and outfit the header with a closure kit for wide swaths of non-conditioned hay. The large, 10+ inch (254 mm) diameter rolls with a chevron-lug profile grip the crop and provide even flow through the rolls for uniform conditioning and fast-drying swaths or windrows. Tailor roll pressure to crop yields without tools with the turn of a hand crank that delivers consistent, thorough conditioning for all crops. All roll conditioning systems feature the proven torsion-bar roll-pressure system with over-center linkage that momentarily releases roll pressure, allowing slugs of crop or foreign objects to pass without plugging for non-stop mowing.



Rubber chevron-design

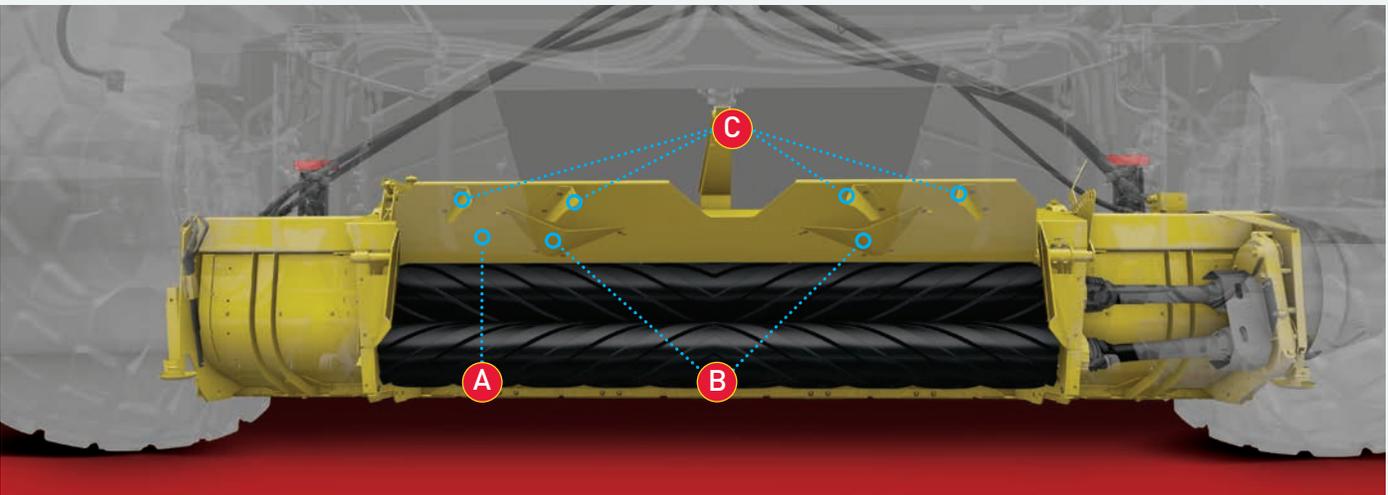
Rubber chevron rolls – Choose gentle chevron rubber rolls for full-stem crimping and cracking of high-value legume crops. The rubber compound and wide chevron lug profile provide gentle handling to protect delicate high-value leaves for maximum forage quality.

Steel chevron rolls – Durable chevron steel rolls are designed for use in all crop types but show a real advantage in cane-type crops, grain forages, and extra-tall grass crops. The steel chevron lug profile provides aggressive full-stem crimping, and the rugged, all-steel construction resists wear in abrasive crops and conditions.



Steel chevron-design

B&D Roller's "The Crusher®" Rubber Conditioning Rolls (Durabine 416 PLUS & 419 PLUS) – If you need aggressive conditioning, B&D Roller's proprietary, repairable rubber compound provides longer wear and softer hay. Effective for all forages, these factory-installed rolls completely flatten the stem with minimal loss to retain valuable nutrients for a higher Relative Feed Value (RFV).



Uniform, fast-drying swaths

Fast drying requires the crop to be evenly distributed over a wide swath. Durabine PLUS heads provide extra crop control surfaces behind the conditioning system. The new swath baffle **(A)** is 8 inches (203 mm) longer and has additional adjustable control surfaces that let you form the perfect swath for nearly any condition. For wide swaths, the baffle is lowered so the adjustable swath spreading wedges **(B)** engage the crop stream to improve uniformity. When windrowing, the baffle is raised so the adjustable windrowing fins **(C)** engage the crop and improve center fill. Windrow shields are optimized to create a tunnel effect with a fluffing baffle, guiding crop into the windrow and creating a well-defined windrow edge.

DISC HEADER SPECIFICATIONS

Model		Durabine™ 413 PLUS	Durabine™ 416 PLUS	Durabine™ 419 PLUS	Durabine™ 416 Specialty
Modular Disc Cutterbar		MowMax™ II PLUS	MowMax™ II PLUS	MowMax™ II PLUS	MowMax™ II PLUS
Number of discs		8	10	12	10
Cutting width	ft. in. (m)	13' 1" (4.0)	16' 3" (4.95)	19' 4" (5.9)	16' 3" (4.95)
Cutting angle and height	degrees	-2 to -10	0 to -10	0 to -10	0 to -10
Cutting height range	in. (mm)	.5-3.3 (13 - 86)	.5-3.3 (13 - 86)	.5-3.3 (13 - 86)	.5-3.3 (13 - 86)
Maximum disc speed	rpm	2300	2600	2600	2600
Number of reversible, swing-away knives		16	20	24	20
Knife tip speed	mph (kph)	171 (275)	195 (314)	195 (314)	195 (314)
Header flotation		Hydraulic adjustment from cab			
ShockPRO™ disc drive protection system		●	●	●	●
3-Year factory cutterbar warranty		●	●	●	●
Feeding and Conditioning					
Constant flow, 20" diameter floating crop auger		-	●	●	-
Gentle flow tapered, floating crop auger		-	-	-	●
Chevron intermeshing molded rubber-on-rubber		○	○	○	-
Chevron intermeshing steel-on-steel		○	○	○	-
B&D's "The Crusher®" rolls		-	○	○	-
Torsion bar roll pressure system		●	●	●	-
Non-stop roll pressure release system		●	●	●	-
Conditioning roll diameter	in. (mm)	10.4 (263)	10.16 (258)	10.16 (258)	-
Conditioning roll width	in. (mm)	125 (3175)	102 (2590)	102 (2590)	-
Conditioning roll speed	rpm	750*	938	938	-
Adjustable crop pushbar with seed curtains		-	-	-	●
Swath Formation					
Swath width range	in. (mm)	38-96 (956-2438)	38-96 (956-2438)	38-96 (956-2438)	60" or 83" (1524 or 2108) Swath Closure Kit
Extended - horizontal swath gate		●	●	●	-
Horizontal swath gate crop spreading wedges		●	●	●	-
Horizontal swath gate crop control fins		●	●	●	-
Header Dimensions					
Overall width	ft. in. (m)	13' 6" (4.11)	16' 7" (5.05)	19' 5" (5.91)	16' 7" (5.05)
Weighting with conditioning system	lbs. (kg)	3880 (1760)**	5114 (2319)	5754 (2609)	-
Weighting less conditioning system	lbs. (kg)	-	-	-	5114 (2319)
DuraMerger™ 419 PLUS					
Compatibility		-	○	○	-
Single swath formation		-	●	●	-
Double swath formation		-	●	●	-
Triple swath formation		-	●	-	-

*640 RPM optional by swapping roll sheaves **Weight with rubber conditioning rolls. For steel conditioning rolls add 100 lbs. (45 kg)

● Standard ○ Optional - Not available



DuraMerger™ 419 PLUS – Merging your productivity

Increase your harvesting efficiency and productivity by cutting and merging simultaneously with the DuraMerger 419 PLUS. This attachment saves you time and slashes fuel use to reduce your overall harvesting costs. The long deck design allows you to combine two or three windrows, improving forage harvesting efficiency for maximum return on investment.

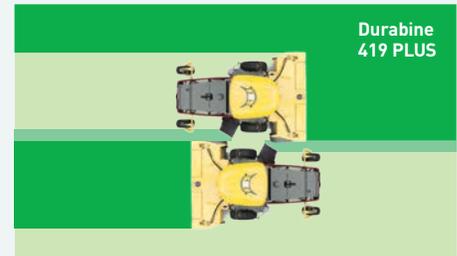


MERGER ATTACHMENT SPECIFICATIONS

Model		DuraMerger™ 419 PLUS
Conveyor belt speed range	mph (kph)	8 to 24 (13 to 38.5)
Conveyor frame width	in. (mm)	42 (1067)
Conveyor frame length	in. (mm)	132 (3359) center to center of rolls
Conveyor angle adjustment	degrees	2.5 to 7.8
Belt roller diameter	in. (mm)	4 (102)
Ground clearance, operating	in. (mm)	Adjustable, 5 (127) recommended
Ground clearance, transport	in. (mm)	23.75 (603)

Merge two or three windrows, or none

Merge up to 48-feet (14.6-m) of heavy forage crops with the Durabine 416 PLUS in three passes or combine two swaths with the Durabine 419 PLUS to put 38-feet (11.6 m) of crop into a single windrow. When fully lowered, the merger rides only a few inches above the ground to catch the entire windrow. When encountering an obstruction, the robust design allows the merger to float up and over, then automatically return to its original position. It is also easy to switch between forming a single windrow and merging multiple windrows. When the merger is not needed, it tucks out of the way under the windrower’s frame. With 28-inches (711 mm) of raised clearance, the chances of catching a headland windrow or a piece of uneven terrain are minimized.



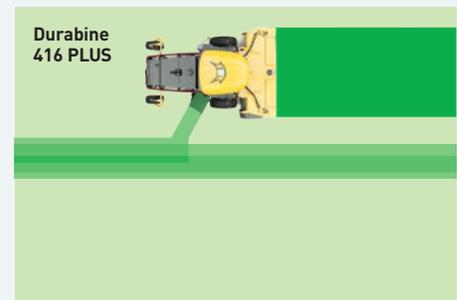
Double Swath Formation
38-feet (11.6 m) per merged double swath



Single Swath Formation
With the merger raised the windrower can still produce individual swaths



Double Swath Formation
32-feet (9.7 m) per merged double swath



Triple Swath Formation
48-feet (14.6 m) per merged triple swath



Integration with the CommandGrip™ handle for simple control

The CommandGrip multifunction handle makes it simple to lift and lower the merger with the push of a button. Belt speed can also be adjusted to fine-tune material discharge and place windrows exactly the way you want.

- A** Raise deck
- B** Lower deck
- C** Increase belt speed
- D** Decrease belt speed

Haybine® sickle heads deliver proven cutting and conditioning.

Since 1964 when New Holland introduced the industry's first combined mower-conditioner, the Haybine name has been associated with impeccable cutting performance, fast drying, and time-tested reliability. The legacy continues with HS Series sickle heads available for the Speedrower® PLUS Series.



High-capacity cutting performance

Dual counter-stroking sickles feature a timed modular wobble drive that assures smooth cutting with minimal vibration and maintenance. Over-serrated knives slice quickly at over 1800 rpm and the 3-inch (76.2 mm) stroke delivers unrivaled high-capacity cutting, for best-in-class performance. Bolt-on knife sections provide long cutting life and easy replacement, and adjustable knife hold-down clips speed maintenance.

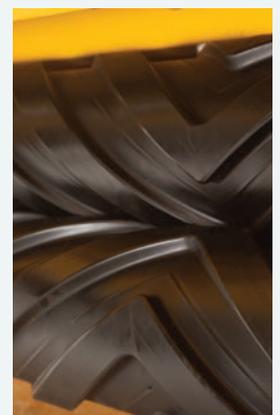
Proven conditioning

New Holland chevron-design intermeshing rubber rolls are known for their thorough conditioning and fast crop drydown. The proven torsion-bar roll-pressure system applies near-constant pressure through the wide 102-inch (2591 mm) rolls. The system allows the rolls to open automatically when needed to clear slugs of material without stopping. No tools are needed to adjust conditioning roll pressure. Steel chevron intermeshing rolls are also available.

- A** Hand crank to adjust roll pressure
- B** Roll pressure indicator

Consistent feeding

The fully adjustable five-bat reel sweeps crop smoothly to the exclusive floating auger. This 20-inch (508 mm) auger with 5-inch (127 mm) flighting floats up to 2-inches (50.8 mm) to handle heavy crops, and delivers crop evenly to the conditioning rolls.



SICKLE HEADER SPECIFICATIONS

Model		14HS	16HS	18HS
Cutting width	ft. in. (m)	14' 3" (4.34)	16' 3" (4.95)	18' 3" (5.56)
Overall width	ft. in. (m)	16' 3" (4.95)	18' 3" (5.56)	20' 3" (6.17)
Weight - rubber rolls	lb. (kg)	3900 (1770)	4120 (1869)	4370 (1983)
Cutter Bar				
Type		Timed, dual, counterstroking		
Knives		Over serrated, bolted	Over serrated, bolted	Over serrated, bolted
Guards		2-tine, double-hardened	2-tine, double-hardened	2-tine, double-hardened
Angle range degrees		neg. 6 to neg. 12	neg. 6 to neg. 12	neg. 6 to neg. 12
Skid shoes		4	4	4
Cutting height	in. (mm)	1.2-6.2 (30.5-157.5)	1.2-6.2 (30.5-157.5)	1.2-6.2 (30.5-157.5)
Sickle Drive				
Type		Open, dual, wobble	Open, dual, wobble	Open, dual, wobble
Speed	spm	1810	1810	1810
Stroke	in. (mm)	3 (76)	3 (76)	3 (76)
Reel				
Type		5-bat	5-bat	5-bat
Adjustments		Fore/aft & vertical	Fore/aft & vertical	Fore/aft & vertical
Speed				
Mechanical drive	rpm	52-83	52-83	52-83
Hydraulic drive (optional)	rpm	0-76	0-76	0-76
Speed adjustment (mechanical)		Variable sheave	Variable sheave	Variable sheave
Diameter	in. (mm)	42 (1067)	42 (1067)	42 (1067)
Drive		Belt & chain	Belt & chain	Belt & chain
Tine bars		Segmented	Segmented	Segmented
Bushings / bearings	in. (mm)	1.25 (31.75) bearing w/collar at cam end & bushings at all other locations		
Conditioner				
Types		Chevron-design intermeshing rubber or steel rolls		
Roll length (crush area)	in. (mm)	102 (2591)	102 (2591)	102 (2591)
Roll diameter	in. (mm)	103.375 (263.5)	103.375 (263.5)	103.375 (263.5)
Roll drive		Spur gearbox & PTOs	Spur gearbox & PTOs	Spur gearbox & PTOs
Speed	rpm	717	717	717
Roll pressure		Hand crank	Hand crank	Hand crank
Roll gap		Adjustable stop-bolt	Adjustable stop-bolt	Adjustable stop-bolt
Windrow width	in. (mm)	38-96 (910-2438)		
Auger				
Type		Single, floating	Single, floating	Single, floating
Diameter	in. (mm)	20 (508)	20 (508)	20 (508)
Floating range	in. (mm)	2 (50.8)	2 (50.8)	2 (50.8)
Flighting depth	in. (mm)	7 (178)	7 (178)	7 (178)
Speed	rpm	287	287	287

Options (field-installed)

- Crop dividers
- Hydraulic reel drive (requires windrower drive kits)
- Reel truss kit
- Push bar extension kit (for tall crops)
- Slatted steel conditioner rolls (for cane crops)
- Stub guard conversion kit
- Right- and left-hand conditioner throat opening wear plates (recommended for abrasive soil conditions)
- Stainless steel replacement floor inserts (for abrasive soil conditions)
- Gauge wheels



Model		Speedrower® 160 PLUS	Speedrower® 220 PLUS	Speedrower® 260 PLUS
Engine		FPT 4-cylinder, Tier 4B	FPT 6-cylinder, Tier 4B	FPT 6-cylinder, Tier 4B
ECOBlue™ SCR HI-eSCR system (Selective Catalytic Reduction)		●	●	●
Displacement	cu. In. (L)	247 (4.5)	411 (6.7)	411 (6.7)
Aspiration		Turbocharged with air-to-air intercooler	Turbocharged with air-to-air intercooler	Turbocharged with air-to-air intercooler
Rated engine power ISO - ECE R120	hp (kW)	150 (112)	210 (156)	250 (186)
Max engine power ISO - ECE R120	hp (kW)	161 (120)	220 (164)	261 (194)
Fuel injection pump		Electronically controlled high-pressure common rail	Electronically controlled high-pressure common rail	Electronically controlled high-pressure common rail
Batteries / alternator		1, 12-volt 925 CCA / 150 amp	2, 12-volt 650 CCA / 150 amp	2, 12-volt 650 CCA / 150 amp
Fuel capacity	gal. (L)	120 (454)	120 (454)	120 (454)
DEF capacity	gal. (L)	19 (71.9)	19 (71.9)	19 (71.9)
Constant clean, rotating wand cooling system pre-cleaner		●	●	●
Transmission		SensiDrive™ Infinitely Variable Hydrostatic Ground Drive		
Operating modes		In-Field / Transport	In-Field / Transport	In-Field / Transport
Active hydrostatic system pressure monitoring & automatic compensation		●	●	●
Final drive		Double reduction planetary	Double reduction planetary	Double reduction planetary
Hydrostatic steering		Electronically controlled - Customizable resistance	Electronically controlled - Customizable resistance	Electronically controlled - Customizable resistance
Active rear axle steering		-	● High Speed Version	● High Speed Version
CommandGrip™ multifunction handle		●	●	●
In-field speed range	mph (kph)	0-20 (0-32)	0-20 (0-32)	0-20 (0-32)
Transport speed range - Standard speed version	mph (kph)	0-22 (0-35.4)	0-22 (0-35.4)	0-22 (0-35.4)
Transport speed range - High-speed version	mph (kph)	-	0-30 (0-48.3)	0-30 (0-48.3)
Max gradeability rating* - Standard speed version		51%	70%	70%
Max gradeability rating* - High-speed version		-	46%	46%
Tires/Wheels				
18.4 x 26 12 PR R4 Industrial tread		○	○	○
21L x 2814 PR R4 Industrial tread		○	○	○
600/65 R28 R1W Deep cleat ag. tread**		○	○	○
580/70 R26 R3 Button turf tread**		○	○	○
Terraglide™ solid beam, air-ride rear axle		●	●	●
3° HD, fork caster with 14L x 16.1 rear tire & wheel		●	●	●
3° HD, cast single-arm caster with 16.5L x 16.1 rear tire & wheel**		-	○	○
Operator's Area				
Seat mounted, adjustable right hand console		●	●	●
Comfort Ride™ cab suspension system		●	●	●
Tinted front/rear cab glass		●	●	●
Instructor's seating		●	●	●
Standard cab package		○	○	○
Deluxe cab package		○	○	○
Premium cab package		○	○	○

Model		Speedrower® 160 PLUS	Speedrower® 220 PLUS	Speedrower® 260 PLUS
Precision Solutions				
IntelliView™ IV 10.4-inch (264 mm) color touchscreen display		●	●	●
IntelliCruise™ Automation - Power Cruise Mode		-	●	●
IntelliCruise™ Automation - Eco Cruise Mode		-	●	●
Headland Management with speed control		●	●	●
Electronic disc speed management		-	●	●
Factory IntelliSteer™ auto guidance ready		●	●	●
Factory IntelliSteer™ auto guidance complete level 1 (WAAS)		○	○	○
IntelliSteer™ auto guidance - Field speed range	mph (kph)	0-20 (0-32)	0-20 (0-32)	0-20 (0-32)
IntelliSteer™ auto guidance - Maximum line acquisition angle	degrees	Up to 90°	Up to 90°	Up to 90°
IntelliSteer™ auto guidance - Line acquisition speed range	mph (kph)	0-10 (0-16)	0-10 (0-16)	0-10 (0-16)
IntelliSteer™ auto guidance - High cross track error engagement		●	●	●
Header Drive				
Header drive pump type		Fixed displacement	Electronic variable displacement	Electronic variable displacement
Max. header drive pump output at 2,200 engine RPM	gal/min. (L/min.)	31.6 (120)	92 (350)	92 (350)
Max. header drive pump output at 2,600 rpm disc speed	gal/min. (L/min.)	-	78 (296)	78 (296)
Header power reverser		●	●	●
Header flotation		Single hydraulic (adjustable in cab)	Independent RH/LH hydraulic (adjustable in cab)	Independent RH/LH hydraulic (adjustable in cab)
Hydraulic header tilt		●	●	●
Single lever header transport lock system		●	●	●
Header Compatibility				
Haybine® HS14 sickle mower-conditioner heads		○	-	-
Haybine® HS16 sickle mower-conditioner heads		○	○	○
Haybine® HS18 sickle mower-conditioner heads		○	○	○
Durabine™ 413 PLUS disc mower-conditioner heads		-	○	○
Durabine™ 416 PLUS disc mower-conditioner heads		-	○	○
Durabine™ 416 PLUS disc mower-specialty heads		-	○	○
Durabine™ 419 PLUS disc mower-conditioner heads		-	-	○
Machine Dimensions				
Length with header	in. (mm)	290.5 (7366) with HS Series	293 (7442) with Durabine PLUS	293 (7442) with Durabine PLUS
Less header and lift arms	in. (mm)	212.3 (5384)	209.2 (5308)	209.2 (5308)
Height	in. (mm)	134.3 (3411)	134.8 (3424)	134.8 (3424)
Wheelbase	in. (mm)	154.1 (3911)	154.1 (3911)	154.1 (3911)
Front tread width	in. (mm)	148.5 (3771)	154.8 (3932)	154.8 (3932)
Rear tread width (adjustable)	in. (mm)	90-105-120 (2286-2667-3048)	90-105-120 (2286-2667-3048)	90-105-120 (2286-2667-3048)
Terraglide™ Rear axle suspension vertical travel	in. (mm)	0-4 (0-101)	0-4 (0-101)	0-4 (0-101)
Terraglide™ Rear axle suspension articulation	degrees	12°	12°	12°
Approximate tractor weight	lbs. (kg)	12,225 (5545)	13,000 (5897)	14,000 (6350)

*Predicted gradeability based on mathematical calculations **Only available tire options on High-Speed versions

● Standard ○ Optional - Not available



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