

New Holland HW Series Speedrower™ Self-Propelled Windrowers

HW305 HW305S HW325 HW345 HW365



NEW HOLLAND



Blazing speed and capacity— in grain or hay fields



Model	Engine	Cab	AVAILABLE HEADERS		
			Disc Headers	Sickle Headers	HB Series Draper Headers
HW305	98 hp, 4-cylinder	Standard	NA	12, 14, 16, 18 ft	18, 21, 25, 30, 36 ft.
HW305S	120 hp, 4-cylinder	Standard	NA	12, 14, 16, 18 ft	18, 21, 25, 30, 36 ft.
HW325	120 hp, 4-cylinder	Deluxe	NA	14, 16, 18 ft.	18, 21, 25, 30, 36 ft.
HW345	186 hp, 6-cylinder	Deluxe	15.5 ft.	14, 16, 18 ft.	18, 21, 25, 30, 36 ft.
HW365	225 hp, 6-cylinder	Deluxe	15.5 or 18 ft.	14, 16, 18 ft.	18, 21, 25, 30, 36 ft.

New HW Series windrowers set new standards for power, header capacity and control.

Alfalfa, grass, small grains, canola, barley, lentils or peas ... no matter what the crop, New Holland HW Series Speedrower™ windrowers deliver industry-leading cutting capacity. You get increased power and a new level of control making you more productive.

Five new models

The expanded line-up of New Holland Speedrower windrowers includes five models from 98 to 225 horsepower—the highest horsepower on the market.

Superior disc, sickle or draper headers

This new level of Speedrower™ power allows you to drive the widest variety of headers, including an industry leading 18-foot Discbine® header. New Holland also offers a large selection of draper headers — from 18 to 36 feet wide. And, New Holland Haybine® sickle headers, known for quality hay, have a long legacy of top cutting and conditioning performance.

Industry-leading comfort and control

The largest three HW Series models feature a new Deluxe cab that spoils you with outstanding comfort, visibility and control. But that's just a start. A long list of industry-leading features gives you an unsurpassed smooth ride and superior header control. We're talking about new-to-the-market features like independent rear axle suspension, Comfort Ride™ cab suspension, independent header flotation control and in-cab windrow shield adjustment.

Turn the page to learn more about these best-in-class features. Then visit the haymaking specialists at your local New Holland dealer to learn



Industry-leading innovation



HW Series windrowers feature the newest ideas in high-volume, quality haymaking.

Innovation. It's New Holland's legacy that continues with the HW Series Speedrower™ windrowers. These models set a new standard with features that are brand new to the windrower market.

Highest horsepower in the industry

New engines deliver lower emissions and all the power you expect from a Speedrower self-propelled windrower.

Widest disc cutting

Now you can achieve the most extreme level of disc cutting capacity with New Holland's new 18-foot Discbine® header. It gives you the all-out cutting capacity of 14 discs.

Adjust windrow shields from the cab

Optional, electric windrow shield adjustment gives you constant control of windrow formation from the cab so you can quickly respond to field and crop conditions. Shield position is shown on the electronic display. The swath gate maintains its independent manual control.

Adjust right- and left-side header flotation independently

A new independent hydraulic header flotation system (HW345 and HW365) allows you to adjust the right and left side of the header separately, without leaving the cab. You can make adjustments on-the-go to cut on hillsides or on the top of irrigation borders.

Independent rear axle suspension

Standard on the HW365 and an option on the HW345 and HW325, this patented axle suspension system improves your speed and efficiency on uneven terrain. Independent left- and right-hand axle members oscillate independently against pressurized air suspension. This gives you an exceptional ride, and allows you to travel faster through the field for increased productivity while protecting the windrower power unit.



The new independent rear axle suspension reduces operator fatigue and stress on the machine.

Comfort Ride™ cab suspension

Here's another new feature that takes the bumps out of your ride. When you choose a model equipped with the Deluxe cab, you get the benefit of the unique Comfort Ride™ cab suspension system that cushions you from chassis motion. The four-point suspension includes iso-mounts on the front and coil springs over shocks at the rear. This allows you to take full advantage of high-speed cutting without taking the abuse of rough ground conditions. The Comfort Ride suspension also allows you to work across pivot irrigation tracks without getting jostled in your seat.



Comfort Ride™ cab suspension offers best-in-class operator comfort.



Dual switches in the HW345 and HW365 cab allow you to control the flotation of the left and right side of the header independently.

The power that puts the speed in Speedrower™

Abundant horsepower and easy maintenance keep you working at high speed.

HW Series Speedrower™ windrowers offer abundant horsepower to run the header you select, and deliver power on demand when conditions require it. For the ultimate in power, choose the model that leads the industry in horsepower—the new 225-horsepower HW365.

Efficiency boost

Wastegate turbochargers are standard on all HW Series windrower engines to provide quicker response and higher fuel efficiency. An air-to-air intercooler is standard on the largest four models for added engine efficiency. The air-to-air intercooler cools air without adding heat to the engine cooling system to improve air density and combustion efficiency. And, all HW Series engines, which incorporate a spark-arresting muffler, are Tier II-emissions certified to go easy on the environment.



186-hp HW345 / 225-hp HW365 Six-cylinder turbocharged engines with:

- 456 cubic-inch (7.5-liter)-displacement engines
- Electronically controlled fuel-injection system
- Two 12-volt, 650-CCA, maintenance-free batteries
- 120-gallon fuel tank



98 hp HW305 / 120 hp HW305S / 120 hp HW325

Four-cylinder turbocharged engines with:

- 274 cubic-inch (4.5-liter)-displacement engines



- Mechanically controlled fuel-injection system
- One 12-volt, 925-CCA, maintenance-free battery
- 120-gallon fuel tank (HW325)
- 73-gallon fuel tank (HW305, HW305S). An auxiliary fuel tank kit can be added under the cab to increase fuel capacity from the standard 73 gallons up to 120 gallons.

Easy service access

New Holland makes maintenance and refueling easy. You can reach the fuel fill point right from the ground—unlike other windrowers that require you to climb up steps. Reaching the engine and drive system is easy, too.

Simply lift up the side shields and you have complete access to routine maintenance points, including filters and fluid level check points.



The rear screen opens easily for convenient servicing of the air conditioning condenser, hydraulic oil cooler, radiator and intercooler.

Easy-lift side shields provide quick access to fluid reservoirs and fill points.



Best-in-class comfort and control

New deluxe cab features roomy dimensions and state-of-the-art controls.

The HW Series windrower line offers a standard or deluxe level of cab comfort and convenience. Speedrower™ models equipped with the Deluxe cab reward you with a spacious, state-of-the-art work area and high-performance features.

DELUXE CAB—MODELS HW325 / HW345 / HW365 More space

The new Deluxe cab provides plenty of storage space, lots of

legroom and the added comfort of built-in footrests. Even the entry platform is more spacious and features an outside, lockable storage box that can also be reached from ground level.

Better visibility

The new tinted, curved-glass windshield enhances visibility to the header and provides an outstanding overall view. The enhanced exterior lighting system includes six front lights, two stubble lights and two rear

lights, allowing you to work productively even when darkness falls.

Perfect comfort

Find your perfect comfort position. The deluxe air-ride, fabric-covered operator seat offers three fore/aft adjustment ranges, and includes a fore/aft isolator, lumbar adjustment and ride dampening. And, the three-way adjustable steering wheel can be telescoped and tilted at both floor and knee levels. A comfortable instructor's



New, floating operator console on Deluxe cab models moves along with the seat to keep you comfortably in control at all times.



The new deluxe performance monitor on Deluxe cab models provides an expanded four lines of display space to keep you informed.



Get expanded information at a glance with this optional "A" pillar information panel (included in the Deluxe cab upgrade).

Model	HW305	HW305S	HW325	HW345	HW365
Cab	Standard	Standard	Deluxe	Deluxe	Deluxe

seat is standard equipment. The high-capacity air-conditioning and heating system includes ten air vents for maximum air flow control. The dual cab air filtration system includes a fresh air external filter and an in-cab recirculation filter.

An extra-smooth ride

The Comfort Ride™ cab suspension is standard equipment on all Deluxe cab models. It uses coil springs over shocks to give you the smoothest ride possible.

Floating operator console

The new right-hand console can be adjusted independently of the operator seat, and once adjusted, moves or "floats" with the seat so the controls stay in the same position relative to your hand.

Improved control

A new hydrostatic Forward-Neutral-Reverse control lever is extremely comfortable to use and provides precise control of speed and direction. A dual-speed hydrostatic transmission provides expanded speed choices and infinitely variable speed control.

More conveniences

Both hydraulic header tilt and header power reverser are standard equipment on Deluxe cab models, and available on the HW305 and HW305S. Add the optional electric-adjust mirrors to models equipped with the Deluxe cab and you can make adjustments from inside the cab. You can view the crop while in the field and quickly change to view the road when traveling to another field.

More options

For the ultimate in convenience and comfort, the Deluxe cab upgrade includes these factory-installed features:

- Automatic Temperature Control (ATC) with set-and-forget temperature control
- An A-pillar information display with fuel level and coolant temperature bar graphs as well as six additional warning lights
- Front and rear sunscreens
- Four matched premium speakers instead of the two standard speakers



STANDARD CAB — Models HW305 / HW305S Economical work space

The 98-hp HW305 and 120-hp HW305S provide Speedrower™ performance in a more economical package. The Standard cab is an extremely productive work space that features:

- Fabric-covered air-suspension seat
- Optional instructor seat
- Adjustable tilt steering column
- Two-line performance monitor
- Air conditioning with manual temperature control
- Optional cab heater
- Two roading lights, two roof-mounted work lights and two rear work lights.
- Two outside mirrors and one in-cab rearview mirror

Satisfy your need for speed

Industry-first 18-foot Discbine® header flies through acres of the heaviest crop.



Disc Header Model	2355	2358
Matches windrower model	HW345 or HW365	HW365
Cutting width	15 ft., 5 in.	18 ft.
Number of discs	12	14

You can knock down big hay acres in a hurry with the speed and high capacity of the 2355 and NEW 2358 disc headers.

NEW 18-foot cutting width

The new 2358 redefines high-volume haymaking by using the power of 14 discs to take down 18 feet at a time. That makes it the widest disc cut on the market. Match it to the new 225-horsepower HW365 windrower and you'll blaze through the toughest, heaviest crops in less time. The 12-disc 2355 matches to the HW365 or the 186-hp HW345 windrower to slice through 15.5 feet at a clip.

Superior disc design

These high-performance Discbine® headers feature the proven, simple New Holland modular disc design

that gives you peace of mind. Each disc is an independent module, complete with its own sealed oil bath and hardened alloy drive shafts, which allows for easy repair or replacement if necessary.

Smooth crop flow

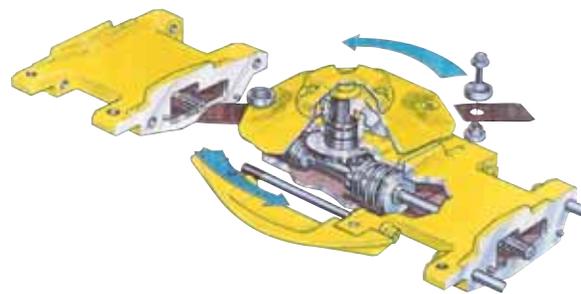
From the discs, crop is delivered smoothly to the floating, 20-inch auger that, in turn, delivers cut crop efficiently to conditioning rolls. Wide, 102-inch chevron-design rolls gently and thoroughly condition crops. High-contact chevron rolls or slatted steel rolls are available for special applications. The unique New Holland torsion-bar system maintains constant roll pressure for consistent conditioning, yet releases to allow "slugs" of heavy material to pass through.

Fast adjustments

You can spread crop in a 96-inch-wide swath or a narrow 36-inch windrow—or any width in between. No tools are required to make adjustments, and if you add the optional electric windrow shield adjustment feature, you can make changes without leaving the cab. New Holland makes adjusting roll pressure easy, too. A simple hand crank allows you to adjust conditioning aggressiveness.

Header tilt indicator

Header flotation and cutting angle are hydraulically adjustable from the cab. With a glance through the front windshield you can quickly observe the new header tilt angle indicator. To make a cutting angle change, simply use the tilt switch on the multi-function handle.



The proven New Holland torsion-bar roll pressure system, featuring wide chevron rubber rolls, applies near-constant pressure for consistent conditioning, no matter how thick the crop, without plugging.

New Holland's independent disc modules are individually sealed gear cases, connected by independent, hardened alloy drive shafts

Power reverser

You can expel crop slugs without leaving the cab. At the touch of a button, the conditioning rolls, auger and discs reverse to remove plugs in seconds.

Multiple crops

If you cut crops that don't require conditioning, you can easily remove the conditioning rolls. In addition, the entire disc header can be removed and replaced with an HS Series sickle

header or HB Series draper header in about 30 minutes (no tools required), making New Holland windrowers perfect for custom operators and multi-crop growers.



Reliable, clean, Haybine® cutting

HS Series sickle headers deliver time-proven mowing and conditioning performance.

For smooth, clean auger/sicklebar hay cutting, choose a 12-, 14-, 16- or 18-foot Haybine® header to match your capacity needs.

36- to 96-inch windrows

No matter which width HS Series header you choose, you can lay down a swath as wide as 96 inches or a windrow as narrow as 36 inches to match crop and weather conditions.

There's no need for tools to change from swath to windrow or back. Add the electric windrow shield adjustment option for control of windrow formation from the cab.

Fast, counter-stroking sickles

You get high-capacity cutting performance from the fast, 1810-spm sickle speed and a full, three-inch stroke. Dual counter-stroking sickles

with reliable modular wobble drive assure smooth cutting with minimum vibration and maintenance. Bolt-on, over-serrated knife sections provide long cutting life and easy replacement.

Consistent feeding

The fully adjustable five-bat reel sweeps crop smoothly to the exclusive floating auger. This 20-inch auger with five-inch flighting floats up to



two inches to handle heavy crops and delivers crop evenly to the conditioning rolls.

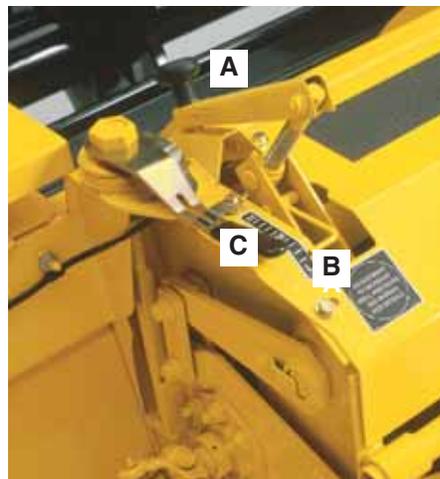
Proven conditioning action

New Holland chevron-design, intermeshing rubber rolls are known for their thorough conditioning and fast drydown. The proven torsion-bar roll-pressure system applies near-constant pressure through the wide 102-

inch rolls, and allows the rolls to open automatically when needed to clear slugs of material without stopping. No tools are needed to adjust conditioning roll pressure or roll gap. High-contact chevron rolls or slatted steel rolls (abrasive conditions) are also available.



Side shields flip up and lock in place for easy maintenance.



Use this handy crank (A) to adjust roll pressure—no tools needed. A roll pressure indicator (B) is provided, as well as a clip-on wrench (C) for easy roll gap changes.



Heavy-duty, timed wobble drive provides reliable, trouble-free operation.

14HS Specialty Header

New Holland designed the 14HS specialty header for delicate specialty crops that don't require conditioning, including grass seed, mint and flower seed. This header handles damp, heavy or tangled crop conditions thanks to these features:

- Standard hydraulic sickle drive
- Standard hydraulic reel drive with in-cab speed adjustment

- Fast, belt-timed 1,828-spm sickle speed
- Efficient stub guards
- Six-bat reel
- No conditioning rolls and a wide opening in the header floor behind the cutterbar provides for gentle crop collection and windrow formation with the assistance of windrow forming rods.

High-capacity grain swathing



New HB Series draper headers deliver smooth cutting and feeding in grain.

Pair an HW Series windrower with a new HB Series draper header and you have a powerful combination—ideal for swathing small grains, canola, forage and specialty crops.

Interchangeable headers

Choose from five cutting widths—18, 21, 25, 30 or 36 feet. Since no adapters are needed, you can easily match any HB Series draper header to any New Holland HW Series windrower model.

Reel options

You can tailor your HB Series draper header to match your needs. Select from five reel options to match your crops and conditions:

- 5 steel bat
- 5 bat pick-up with steel fingers
- 5 bat pick-up with plastic fingers
- 6 bat pick-up with steel fingers
- 6 bat pick-up with plastic fingers (recommended for green crop cutting)

The wide, 36-foot model is available with a single or split reel.

Efficient cutting

All knife-drive systems are Schumacher, hydraulically driven, planetary-reduction sickle drive. You get your choice of cutterbar system—the New Holland double-knife drive cutterbar or the Schumacher cutterbar system, available in single- or double-knife drive.

Smooth, even feeding

Strong 42-inch wide, heavy-duty draper belts feed crop evenly to ensure consistent, uniform crop flow. And, you can choose center or double-swath delivery to match your needs. The 21-, 25- and 30-foot models feature a shiftable deck that



allows center delivery or end windrow delivery for doubling of windrows.

Easy adjustments

It's easy to adjust reel speed and draper speed to adapt to different crop conditions. In-cab hydraulic reel speed adjustment is standard equipment and draper speed adjustment is optional. You can change knife angle using a simple turnbuckle (standard on HW305/HW305S) or the hydraulic tilt cylinder (optional on the HW305/HW305S and standard on all other models).

NEW return-to-cut feature

When cutting above ground level, New Holland draper headers allow you to position a “stop” cylinder on each lift arm that makes it easy to return to your pre-set cutting height

after each pass. It's easy to shorten or lengthen the “stop” cylinders in the field to reach crop that is down. You can also adjust the right- and left-hand cylinders separately to follow uneven ground contours, or to produce a stubble pattern that retains more windblown snow and its valuable moisture.



“Stop” cylinders on each lift arm make it easy to return to the pre-set cutting height after each pass.

Model	Cutting Width ft (m)	Weight lbs (kg)	Material Delivery
18HB	18 (5.5)	2,011 (912)	Center (2 deck)
21HB	21 (6.4)	2,630 (1,195)	Center (2 deck) or Double Swath (2 deck)
25HB	25 (7.6)	2,930 (1,329)	Center (2 deck) or Double Swath (3 deck)
30HB	30 (9.1)	3,360 (1,524)	Center (2 deck) or Double Swath (3 deck)
36HB	36 (11)	3,857 (1,750)	Center (2 deck)

Note: Double knife drive is recommended for green crop cutting

Specifications

HW Series Self-Propelled Windrowers

Model	HW305 / HW305S	HW325	HW345	HW365
Engine:	New Holland 4-cylinder 274 cu. in. (4.5 L) Turbocharged — HW305 Turbocharged w/ air-to-air intercooler— HW305S	New Holland 4-cylinder 274 cu. in. (4.5 L) Turbocharged with air-to-air intercooler	New Holland 6-cylinder 456 cu. in. (7.5 L) Turbocharged with air-to-air intercooler	New Holland 6-cylinder 456 cu. in. (7.5 L) Turbocharged with air-to-air intercooler
Rated horsepower (kW)*	HW305--98 (73) @ 2,300 rpm HW305S--120 (89) @ 2,300 rpm	120 (89) @ 2,300 rpm	186 (139) @ 2,100 rpm	225 (168) @ 2,100 rpm
Fuel Injection Pump	Mechanical	Mechanical	Electronic	Electronic
Batteries / Alternator	1, 12-Volt 925 CCA / 135 amp	1, 12-Volt 925 CCA / 135 amp	2, 12-Volt 650 CCA / 135 amp	2, 12-Volt 650 CCA / 135 amp
Fuel Capacity, gal. (L):	73 (276) / 120 (454) Optional	120 (454)	120 (454)	120 (454)
Rotary Radiator Screen Cleaner	Standard	Standard	Standard	Standard
Transmission:	Single-range hydrostatic	Dual hydrostatic range	Dual hydrostatic range	Dual hydrostatic range
Final drive:	Planetary hubs	Planetary hubs	Planetary hubs	Planetary hubs
Steering:	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Speed Range, mph (kph):	0-11 (0-17.7) working**	0-11 (0-17.7) working** 0-16.5 (0-26.6) - road**	0-12 (0 - 19) - working*** 0-18 (0 - 29) - road***	0-12 (0 - 19) - working*** 0-18 (0 - 29) - road***
Length, in. (mm) with header:	280 (7102) with HS Series	280 (7102) with HS Series	266 (6757) with 2355	266 (6757) with 2358
less Header and Lift Arms:	198.2 in. (5035 mm)	199.1 in. (5056 mm)	199.1 in. (5056 mm)	199.1 in. (5056 mm)
Height, in. (mm):	132.8 (3372)**	132.8 (3372)**	135.1 (3432)***	135.1 (3432)***
Wheelbase, in. (mm):	134.6 (3419)+	134.6 (3419)+ or 137.2 (3485)**	137.2 (3485)**	137.2 (3485)**
Front tread width, in (mm):	127 (3225)**	127 (3225)**	130.2 (3308)***	130.2 (3308)***
Rear tread width (adjustable), in. (mm):	90-105-120 (2286-2667-3048)	90-105-120 (2286-2667-3048)	90-105-120 (2286-2667-3048)	90-105-120 (2286-2667-3048)
Rear Axle Suspension:	NA	NA	Optional	Standard
Tractor Weight, lbs. (kg) :	10,235 (4643) / 10,335 (4687)	10,950 (4966)	12,300 (5580)	12,300 (5580)
Rear Axle Ground Clearance	33.8 (860)+ with 16.9 x 24 front tires	36.3 (922)** with 18.4 x 26 front tires	36.3 (922)** with 18.4 x 26 front tires	39.4 (1001)** with 23.1 x 26 front tires
Header Drive	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Header Flotation	Hydraulic (in-cab adjustable)	Hydraulic (in-cab adjustable)	Independent hydraulic flotation (flotation weight at each endof header independently controlled from cab).....	Independent hydraulic flotation (flotation weight at each endof header independently controlled from cab).....
Header Tilt:				
Mechanical	Standard	NA	NA	NA
Hydraulic	Optional	Standard	Standard	Standard
Header Power Reverser:	Optional	Standard	Standard	Standard
Adjustable Windrow Shields:	Standard	Standard	Standard	Standard
In-cab windrow-width adjustment	Optional	Optional	Optional	Optional
Single Lever Header				
Transport Lock System:	NA- 2 pins	Standard	Standard	Standard
Cab	Standard, curved tinted glass	Deluxe, curved tinted glass	Deluxe, curved tinted glass	Deluxe, curved tinted glass
Cab Suspension:	NA	Standard	Standard	Standard
Cab air filtration	Single external cab fresh air filter	Dual: 1 external air filter and 1 in-cab recirculation filter	Dual: 1 external air filter and 1 in-cab recirculation filter	Dual: 1 external air filter and 1 in-cab recirculation filter
Seat	Air suspension seat with fore/aft isolator, lumbar adjuster	Deluxe air suspension seat with fore/aft lumbar adjuster, ride dampening	Deluxe air suspension seat with fore/aft lumbar adjuster, ride dampening	Deluxe air suspension seat with fore/aft lumbar adjuster, ride dampening
Instructor seat	Optional	Standard	Standard	Standard

*Manufacturer's Estimate **with 18.4 x 26 tires ***with 23.1 x 26 tires +with 31 x 13.5-15 rear tires **with 14L x 16.1 rear tires

HEADERS	Sickle Hay Headers				Disc Hay Header		Draper Headers				
	12 ft., 3 in.	14 ft., 3 in.	16 ft., 3 in.	18 ft., 3 in.	15 ft., 5 in.	18 ft.	18 ft.	21 ft.	25 ft.	30 ft.	36 ft.
	12HS	14HS	16HS	18HS	2355	2358	18HB	21HB	25HB	30HB	36HB
HW305	•	•	•	•	NA	NA	•	•	•	•	•
HW305S	•	•	•	•	NA	NA	•	•	•	•	•
HW325		•	•	•	NA	NA	•	•	•	•	•
HW345		•	•	•	•	NA	•	•	•	•	•
HW365		•	•	•	•	•	•	•	•	•	•

12HS, 14HS, 16HS, 18HS Sickle Headers

MODEL	12HS	14HS / 14HS Specialty	16HS	18HS
Cutting width ft. in. (m)	12'3" (3.73)	14'3" (4.34)	16'3" (4.95)	18'3" (5.56)
Overall width ft. in. (m)	14'3" (4.34)	16'3" (4.95)	18'3" (5.56)	20'3" (6.17)
Weight lb. (kg) – rubber rolls	3,630 (1647)	3,900 (1770) / 3,180 (1442)	4,120 (1869)	4,370 (1983)
Cutterbar				
Type	Timed, dual, counterstroking	Timed, dual, counterstroking	Timed, dual, counterstroking	Timed, dual, counterstroking
Knives	Overserrated, bolted	Overserrated, bolted	Overserrated, bolted	Overserrated, bolted
Guards	2-tine, double-hardened	2-tine, double-hardened(14HS) Single-tine stub, double-hardened (14HS Specialty)	2-tine, double-hardened	2-tine, double-hardened
Angle range, degrees	-6 to -12	-6 to -12	-6 to -12	-6 to -12
Skid shoes	2	4	4	4
Cutting height in.(mm)	1.2-6.2 (30.5-157)	1.2-6.2 (30.5-157)	1.2-6.2 (30.5-157)	1.2-6.2 (30.5-157)
Sickle drive				
Type	Open, dual, wobble	Open, dual, wobble	Open, dual, wobble	Open, dual, wobble
Speed – SPM	1,810	1,810 / 1,828	1,810	1,810
Stroke – in. (mm)	3 (76)	3 (76)	3 (76)	3 (76)
Reel				
Type	5-bat	5-bat / 6-bat	5-bat	5-bat
Adjustments	Fore/aft & vertical	Fore/aft & vertical	Fore/aft & vertical	Fore/aft & vertical
Speed				
Mechanical Drive –RPM	52-83	52-83 / NA	52-83	52-83
Hydraulic Drive (optional) – RPM	0-76	0-76 / Standard 0-76	0-76	0-76
Speed Adjustment	Variable sheave	Variable sheave / in cab	Variable sheave	Variable sheave
Diameter-in. (mm)	42 (1067)	42 (1067)	42 (1067)	42 (1067)
Drive	Belt & chain	Belt & chain	Belt & chain	Belt & chain
Tine Bars	Segmented	Segmented	Segmented	Segmented
Bushings/bearings-in.(mm)	1.25 (31.75) bearing w/collar at cam & bushings	1.25 (31.75) bearing w/collar at cam & bushings	1.25 (31.75) bearing w/collar at cam & bushings	1.25 (31.75) bearing w/collar at cam & bushings
Conditioner				
Type	Chevron-design intermeshing rubber	Chevron-design / NA intermeshing rubber / NA	Chevron-design intermeshing rubber	Chevron-design intermeshing rubber
Roll length (crush area) – in. (mm)	102 (2591)	102 (2591) / NA	102 (2591)	102 (2591)
Roll diameter – in. (mm)	10.375 (263.5)	10.375 (263.5) / NA	10.375 (263.5)	10.375 (263.5)
Roll drive	Spur gearbox & PTOs	Spur Gearbox & PTOs / NA	Spur gearbox & PTOs	Spur gearbox & PTOs
Speed – RPM	717	717 / NA	717	717
Roll pressure	Hand crank	Hand crank / NA	Hand crank	Hand crank
Roll gap	Built-in-wrench	Built-in-wrench / NA	Built-in-wrench	Built-in-wrench
Windrow width – in.(mm)	36-96(910-2438)	36-96 (910-2438) / 60 (1324) or 83 (2108)	36-96 (910-2438)	36-96 (910-2438)
Auger				
Type	Single, floating	Single, floating	Single, floating	Single, floating
Diameter – in. (mm)	20 (508)	20 (508)	20 (508)	20 (508)
Floating range – in. (mm)	2 (50.8)	2 (50.8)	2 (50.8)	2 (50.8)
Flighting depth –in. (mm)	5 (178)	5 (178)	5 (178)	5 (178)
Speed—RPM	287	287 / 196	287	287

Options (field-installed)

- Crop dividers
- High-contact chevron conditioning rolls
- Gauge wheels

Specifications

HB Series Draper Headers

Model	18HB	21HB	25HB	30HB	36HB
Versions Available:					
Single-knife drive, standard deck	x	x	x	x	x
Single-knife drive, double swath		x	x	x	
Double-knife drive, standard deck	x	x	x	x	x
Double-knife drive, double swath		x	x	x	
Header					
Cutting width	18 ft. (5.5 m)	21 ft. (6.4 m)	25 ft. (7.6 m)	30 ft. (9.1 m)	36 ft. (11 m)
Approximate weight (includes reel)	2,675 lbs. (1213 kg)	3,445 lbs. (1563 kg)	3,805 lbs. (1726 kg)	4,330 lbs. (1964 kg)	4,905 lbs. (2225 kg)
Cutting height (minimum)	1.0 in. (25 mm)*	1.0 in. (25 mm)*	1.0 in. (25 mm)*	1.0 in. (25 mm)*	1.0 in. (25 mm)*
Standard deck windrow width opening	60 in. (1.52 m)	58 in. (1.47 m)	68 in. (1.73 m)	64 in. (1.63 m)	65 in. (1.65 m)
Double swath windrow width opening	----	39 in. (.99 m)	49 in. (1.25 m)	45 in. (1.14 m)	----
Transport height40 in. (1.02 m) from tip of guards to ground)*				
Cutterbar					
Cutting system	Choice of New Holland dual-knife system or Schumacher single-or dual-knife system				
Knife drive	Schumacher hydraulically-driven, planetary-reduction sickle drive				
Sickles	1 or 2				
Sickle speed - strokes per minute	1500				
Sickle stroke	3.31 in. (84 mm)				
Reels					
Type	Steel bat or pick-up with steel or plastic fingers				
Speed range	0-80 RPM				
Drive	Direct hydraulic drive w/45 cu. in. (.65L) motor				
Hydraulic reel fore/aft adjustment	Optional				
Draper Belts					
Belt width and construction	42 in. (1.07 m) rubberized polyester belt with fiberglass reinforcement, tie bar end connection				
Speed range	0-426 ft. (130 m)/minute				
Angle	10 to 20 degrees				
Double swath shift means	Hydraulic				
* with 18.4 x 26 drive tires					

Options (factory-installed)

- Cutter bar steel skids
- Remote canvas-speed control
- Hay guards
- End-gauge wheels
- Castoring gauge wheels
- Header transport kit
- Cross auger kit



Discbine® Disc Headers

Model	2355	2358
Windrower Model	HW345 OR HW365	HW365
Header drive	...Hydrostatically driven header with dual hydraulic header drive motors...	
Cutting width, ft. in. (m)	15' 5" (4.7)	18' (5.49)
Overall width, ft. in. (m)	15' 10" (4.8)	18' 2" (5.53)
Weight, lbs. (kg)	4,100 (1860)	5,000 (2273)
Modular Disc Cutterbar		
Number of discs	12	14
Maximum disc speed, rpm	3,000	3,000
Number of Reversible, swingaway knives	24 (2 per disc)	28 (2 per disc)
Knife tip speed, mph (kph)	187 (301)	187 (301)
Flotation Hydraulic adjustment from windrower cab.....	
Cutting angle and height	Standard hydraulic control, from 2 to 12 degrees (minimum: 0.85 in. [22 mm]) with standard skid shoes*	Standard hydraulic control, from 2 to 13 degrees (minimum: 0.80 in. [20 mm]) with standard skid shoes**
Transport height—bottom of skid shoes, in. (mm)	27.4 (696)	27.4 (696)
Hood Liner High density, impact-resistant polyethylene.....	
Conditioner (removable)		
TypeChevron-design, intermeshing molded rubber rolls.....	
Length, in. (m)	102 (2.6)	102 (2.6)
Roll speed, rpm	923	923
Roll pressureTorsion-bar roll pressure system adjusts with a single crank, rolls separate automatically on-the-go to allow thick material to pass.....	
Roll gap Adjustable with built-in wrench.....	
Windrow/swath width, in. (mm)	36 - 96 (910-2438)	36 - 96 (910-2438)
Auger		
TypeFloating, slip-clutch protected.....	
Diameter, in. (mm)	20 (508)	20 (508)
Flighting depth, in. (mm)	5 (127)	5 (127)
	*With 18.4 x 26 tires	
	**With 23.1 x 26 tires	

Options (field-installed)

- Crop dividers
- High-contact chevron conditioning rolls
- High stubble kit
- Corner market kit
- Slotted-steel conditioning bundle
- Gauge wheels
- Push bar



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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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