

**CASE II**  
AGRICULTURE

**WD "3" SERIES  
SELF-PROPELLED WINDROWERS**



## OPEN NEW WINDOWS OF OPPORTUNITY...

Whether you harvest hay for your own herd or are a custom hay operator, the Case IH WD "3" Series windrowers offer what you need.

**Three new models** and more options to choose from mean you'll find a Case IH windrower/header match-up to open new windows of opportunity for your operation.

Headers												
	Rotary Disc			Sicklebar					Draper (small grains/specialty crops)			
				Hay				Grass Seed				
Windrower	RD132	RD162	RDX181	HDX122	HDX142	HDX162	HDX182	HSX142	DHX212	DHX252	DHX302	DHX362
WD1203				•	•	•	•	•	•	•	•	•
WD1903	•	•		•	•	•	•	•	•	•	•	•
WD2303	•	•	•	•	•	•	•	•	•	•	•	•



## WITH THE WD "3" SERIES WINDROWERS

With three top-performance rotary disc headers, four sicklebar headers, and four draper headers to choose from, you'll find a match to your operation like never before.

Plus, industry leading features like **standard cab suspension, independent rear axle suspension, independent hydraulic header flotation, and the most comfortable cab in the industry** will make your long days in the field go by quickly.

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#### Rotary Disc Headers

*For unbeatable productivity in tough conditions, match an RD disc header to the WD1903 or WD2303.*

*For large commercial operations, equip the WD2303 with the **industry leading 18-ft. (5.48-m) disc header.***

#### Sicklebar Headers

*For smooth, consistent cutting and fine-tuned conditioning, you won't find a better combination than a WD windrower with a HDX sicklebar header. Choose from four sizes ranging in cutting widths from 12 to 18 feet (3.7 to 5.5 m).*

#### Draper Headers

*Pair any of the new WD "3" Series windrowers with one of the Case IH DHX draper headers, and you'll have a powerful combination for swathing grains, cereals and specialty crops. When equipped with a dual sickle and steel skid shoes, the DHX draper header makes excellent windrows of evenly swathed alfalfa too.*



## THE ULTIMATE CHOICE IN COMFORT AND PRODUCTIVITY

Case IH continues the tradition of giving you the most options to fit your operations. You can choose between three models up to 226 hp.

If you're looking for a comfortable, productive cab that offers many features, the **deluxe cab** on the WD "3" Series windrower is for you. The deluxe cab offers a long list of industry-leading features that will increase your productivity and your bottom line.

**Deluxe cab suspension**, an industry first, promises a smooth ride over the bumpiest terrain, leaving you less fatigued at the day's end. You'll also be comfortable operating from the cab...the seat,

right-hand console, and steering column adjust to accommodate any size operator! Find your perfect fit with the adjustable deluxe air suspension seat with ride dampening, the tilting and telescoping steering wheel and floating right-hand control console. And, you can't beat the convenience of the fold-away instructional seat.

Available options like electric mirrors, automatic temperature control, front and rear sunscreens and the premium, four-speaker sound system will make your haymaking seem less of a task.

A curved, contemporary design makes it easier to see from the deluxe cab seat. Structural posts are moved to the sides of the rounded cab out of your direct line of sight, opening up a wide, panoramic view of the task at hand. Machine functions

are easier to observe, too, with the standard monitor's four-line display.

An **A-Pillar monitor** is also available if you prefer, that puts critical machine information conveniently at eye level, allowing you to check functions while remaining focused on the task at hand.

And you'll be more productive than ever with in-cab convenience features, such as **hydraulic header flotation** and **optional windrow width adjustment**, both let you make adjustments quickly, on-the-go, without leaving your seat. With the deluxe cab on the new WD "3" Series windrowers, you've got a comfort combination that's bound to improve your disposition, productivity and bottom line!



*The popular Case IH Multi-Function Propulsion Lever (MFPL) — similar to the one used in Case IH Axial-Flow® combines and Cotton Express® cotton pickers — puts vital functions at your command and gives you responsive control of speed and direction. On the WD1203, WD1903, and WD2303, the MFPL is part of the console that moves with the seat, so controls are always within easy, natural reach.*



# OPERATOR ENVIRONMENT



*With the automatic climate control option, you choose a temperature, and the automatic climate control maintains it...no more fiddling with the controls every time you turn into the sun.*

*WD cabs are quiet, spacious and comfortable. Fully adjustable seating and easy-to-reach controls keep you at your best during long working days. A convenient instructional seat makes it easy to train new operators.*



*The optional A-Pillar monitor puts critical machine information conveniently at eye level, so you can monitor productivity functions while remaining focused on the task at hand in the field.*

*Save time and money – equip your windrower with electric mirrors. No more climbing in and out of the cab to reposition the mirrors to drive to the next field!*



## CASE IH SUSPENSION SYSTEM ADDS UP TO SPEED AND COMFORT

If you're a commercial hay grower, you spend long hours in the windrower cab. So comfort is crucial to your productivity and dictates your buying decision. Look no further--the **Case IH suspension systems** add up to new levels of comfort, productivity and profitability! These all-new, industry-leading suspension systems introduce cab suspension and independent rear axle suspension, two features that deliver the smoothest, most productive ride in the industry.

The first part of the Case IH suspension system equation is **cab suspension**, equipped on all WD1203, WD1903, and WD2303. The four-point cab suspension system features iso-mounts on the front and coil springs over shocks at the rear of the cab. The suspension system absorbs bumps and jolts from rough areas in the field, providing outstanding ride quality that allows you to travel faster and cut more in a day.



Independent Rear Axle Suspension



Cab Suspension System



*Even the flattest field can have humps, bumps, and ruts that can take a toll on the operator. The WD "3" Series with rear axle suspension smooths out rough spots in the field increasing operator comfort and productivity.*

**Independent rear axle suspension** is the second half of the equation that adds up to high cutting speeds and outstanding productivity. Look forward to faster cutting speeds and less time in the field with the Case IH independent rear axle suspension, another feature leading the industry! The smooth ride from the independent rear axle suspension lets you drive faster, increasing cutting speed, and allows you to get more done in a day. This suspension system also provides added protection for your windrower by reducing shock load to the chassis. The optional independent rear axle suspension is ideal for swift operating conditions, as when running a disc header. Independent left- and right-hand axle components oscillate independently against pressurized air suspension and shock absorbers, providing superior ride

# PERFORMANCE AND POWER

characteristics unsurpassed in the industry and allowing you to cut more crop in a day.

To cut at the speeds these rugged windrowers are designed to handle, you'll need the power to back it up. The engines in the WD "3" Series windrowers deliver! Power-packed, emission-compliant, bio-diesel approved engines provide plenty of power to handle heavy loads, wet conditions and hillsides without slowdown, making every minute you spend in the field more productive. The computer-aided design parent bore block has a contoured outer surface that increases overall block strength and reduces noise and vibrations. These engines are economical, allowing you to stay in the field all day long without refueling. Case IH supports the use of B5 biodiesel.

Blends up to B100 can be used in all WD Series windrowers following



proper service protocols. With three horsepower levels to choose from, ranging from 126 hp (94 kW) on the WD1203 to 226 hp (169 kW) on the WD2303, you'll find the right model for your applications.

All deluxe cab models feature a dual speed, hydrostatic transmission. In true Case IH tradition, this transmission is tough, and delivers up to 16.5 mph (26.5 kph) on the road, getting you into the field sooner!

Model	Horsepower	Cyl	Displacement	Aspiration
WD1203	126 (94 kW)	4	274 in <sup>3</sup> (4.5 L)	Turbo/Air-to-air intercooling
WD1903	190 (142 kW)	6	411 in <sup>3</sup> (6.7 L)	Turbo/Air-to-air intercooling
WD2303	226 (169 kW)	6	411 in <sup>3</sup> (6.7 L)	Turbo/Air-to-air intercooling



## PRODUCTIVITY FEATURES BENEFIT YOUR BOTTOM LINE

In-cab productivity features like the hydraulic header flotation system allow you to make adjustments on the fly for greater productivity.

Quickly respond to changing ground contours with the hydraulically controlled header flotation system that is available on all models. Programmed from the cab using the monitor, enter the type of header, adjust the balance appropriately, and make adjustments easily on the go.

And now, **Independent Hydraulic Header Flotation**, an industry-leading feature, is available on the WD1903 and WD2303. Dual pumps control the flotation cylinders on the left and right sides, allowing you to independently set the left and right sides of the header, useful when working on borders or hillsides.

You also can change header tilt from the cab with **hydraulic cutterbar angle adjustment**—standard on models WD1203, WD1903, and WD2303. With this feature, guard angle is adjustable from 6 to 12 degrees below horizontal for sicklebar headers, and 2 to 10 degrees below horizontal for the disc headers.

**New return-to-cut feature.** Case IH draper headers feature a new “return-to-cut” feature. By adjusting the stop cylinder on each lift arm, you

can easily return to the pre-set cutting height after each turn in the field. You can also shorten or lengthen the “stop” cylinders to get to crop that is down. In uneven terrain, set the right- and left-hand cylinders separately to follow the ground, or to produce an uneven pattern to retain snow and keep moisture in the field.

**Easy Header Change for Cutting Different Crops.** To cut different kinds of crops, you can replace the disc header with either an HDX Series sickle header or DHX Series draper header in about 30 minutes, no tools required!



Dual switches in the WD1903 and WD2303 cab allow you to control the flotation of the left and right side of the header independently.

New! On DHX draper headers, a **return-to-cut feature** lets you set a stop cylinder on each lift arm so you can easily return to the pre-set cutting height on each pass. This adjustment can be made quickly and easily from the seat of the cab using the switches on the MFPL.



SERVICEABILITY



Side shields flip up for easy access to the engine. From ground level, you easily can reach all key maintenance points, including fluid levels and filters. You'll spend less time servicing your windrower, more time out in the field producing!

Keeping your Case IH WD "3" Series windrower hard at work in the field is easier than ever before! For one thing, the fuel fill can be easily reached from the ground. No more climbing up steps, dragging heavy hoses across the machine to fill the tank. And with a fuel capacity of 120 gallons (454 liters), you can work uninterrupted all day long. The hydraulic reservoir can also be filled from ground level.

A swing-out door behind the cab and lift-up side shields provide convenient, easy access to the engine and key

maintenance points, including fluid levels and filters. You'll make short work of any daily maintenance and get into the field quickly.

The radiator screen is easier to service, opening wide to allow access to the air conditioning condenser, hydraulic oil cooler, radiator and intercooler.

The fuses are located in the cab, providing a clean environment that protects fuses from corrosive elements.



With a fuel capacity of 120 gallons (454 liters), you'll be on the move all day long without refills. The fuel fill and hydraulic reservoir can be reached easily from the ground.



A rotary wand radiator screen cleaning system, standard on all models, keeps air flowing without restriction to the radiator. A rotary vacuum wand cleans the entire screen to remove dust and debris and allows for efficient engine cooling. Access to the radiator and coolers is quick and easy with the hinged swing-out cover.

## CASE IH HEADERS OFFER HIGHER CAPACITY

**Rotary Disc Headers.** For hay-cutting capacity that eclipses the competition, pair the powerful WD2303 windrower with the largest disc header in the industry — the 18-ft. RDX181 rotary disc header.

Tough crop conditions are no match for this duo. Driven by a powerful, turbocharged 226 hp (168.5 kW) engine, the 14-disc modular cutterbed handles thick, tangled crops with incredible speed and ease. You'll easily cut an 18 ft. (5.49 m) wide swath and work at speeds up to 11 mph (17.7 kph).

With the Case IH windrower/header offerings available, you can still get the speed and toughness of a rotary disc header in narrower configurations. Both the WD2303 and WD1903 are compatible with the 13 ft. (3.9 m) RD132 and the 15 ft. 5 in. (4.7 m) RD162 header.

*New Case IH Shock Protection system – standard on all models – takes rotary disc productivity to the next level. Case IH is proud to introduce the all-new Shock Protection system, designed to protect the cutterbed from time robbing, expensive field failures when an obstruction is encountered. At the center of this new system is the shock hub. The shock hub “takes the blow” from a rock and protects the internal components of the cutterbed. Replacing the shock hub is easier than ever – and module contamination is not an issue. The Shock Protection system also can be fitted onto prior year Case IH rotary disc headers – see your Case IH dealer for details.*



*Two heavy-duty knives on each disc on the rotary disc headers spin at 3,000 rpm to slice through heavy, tangled crops. Knives are reversible for twice the cutting life. With one bolt per knife, you can quickly flip or replace knives from the front of the cutterbed without raising the header. The steep profile of the discs are designed to lift crop directly into the conditioning rolls. Discs are austempered for extra hardness and durability in punishing conditions and the protective liner in the hood helps reduce rock damage.*



**HDX Sicklebar Headers.** For quality hay-harvesting results, team a 12-, 14-, 16- or 18-ft. (3.7-, 4.3-, 4.9 or 5.5 m) HDX sicklebar header with one of the WD self-propelled windrowers. Treat your hay to the smooth cutting and gentle handling of the Case IH sicklebar headers. Case IH HDX sicklebar headers use the counter-stroking action of dual sickles to shear crop cleanly, while the unique floating auger keeps the crop moving smoothly to the conditioning rolls.

*Bolt-on knife sections are standard on all sicklebar models and can be replaced easily in the field if necessary. These overserrated knife sections provide long life and a cleaner cut in most crop conditions. Double heat-treated range guards are designed for long life in tough conditions. They provide superior resistance to rock damage.*



*The HSX grass header is available in a 14 ft. 3 in. (4.34 m) cutting width and shares many of the same features found on the HDX family of headers.*

**DHX "2" Series Draper Headers.** With the line of "2" Series draper headers, Case IH continues to provide more choices to suit your operation. Ideal for swathing grain, cereals and specialty crops, including wheat, flax, canola, peas, lentils and forage, these headers deliver high-capacity harvesting with efficient cutting action and smooth crop flow.

Four models with cutting widths from 21 to 36 ft. (6.4 to 11 m) let you make quick work of big acreage, with more double-knife and double-swath versions available.

These draper headers feature an improved cutter bar system that provides enhanced cutting performance. Choose between the Case IH or Schumacher cutting systems best suited for your crop and conditions (on select models). All models feature the Schumacher hydraulically driven knife drive. Case IH gives you more choices in draper headers to maximize your performance. When it comes to switching between headers, you can do so in a snap. The WD windrowers are designed with hydraulic quick couplers as standard equipment to make the transition quick and easy.

# CONDITIONING ROLLS

## GET THE MOST FROM YOUR CROP

**Consistent conditioning.** The conditioning system on both Case IH sicklebar and disc headers uses a unique torsion-bar design to apply equal force to the conditioning rolls regardless of crop thickness. The result is uniform conditioning and fast drydown. If a heavy slug of material pushes the upper roll to its maximum opening, the system releases to let the material pass without plugging or stopping. A crank adjustment makes changing roll pressure a simple proposition. No tools are needed.

**Full control of windrow formation.** All Case IH windrower headers let you custom-build the windrow or swath you need. Spread the crop out in a wide, fast-drying swath, or form it into a narrow, fluffy windrow that's ready

*You can expect thorough crimping and crushing conditioning to give fast dry down from the wide, rubber-on-rubber conditioning rolls.*



*High Contact rolls are designed to provide fast drydown—and softer hay—in alfalfa and legume crops in dryer climate conditions.*

*Steel-on-steel conditioning rolls offer longer life and provide thorough conditioning, particularly in high volume or abrasive applications.*



for baling or chopping. All adjustments to the swathboard and windrow shields can be made quickly — without tools.

For outstanding convenience, **in-cab windrow width adjustment** is available as an option on all models, letting you make on-the-go adjustments for increased productivity and an improved bottom line!



*A single hand crank allows you to adjust conditioning roll pressure. Switching from swath to windrow is easy, too. Both the windrow shields and swathboard adjust without tools.*



# SELF-PROPELLED WINDROWER SPECIFICATIONS

MODEL	WD1203	WD1903	WD2303
Engine – Case IH** wastegate	4-cylinder, 274 cu. in. (4.5 L)	6-cylinder, 411 cu. in. (6.7 L)	6-cylinder, 411 cu. in. (6.7 L)
turbocharged diesel	w/air-to-air intercooler	w/air-to-air intercooler	w/air-to-air intercooler
Fuel Injection Pump	Mechanical	Electronic	Electronic
Rated horsepower (kW) *	126 (94) @ 2,300 rpm	190 (142) @ 2,100 rpm	225 (169) @ 2,100 rpm
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)
Rotary Wand Radiator Screen Cleaner	Standard	Standard	Standard
Transmission	Dual speed hydrostatic	Dual speed hydrostatic	Dual speed hydrostatic
Final drive	Planetary hubs	Planetary hubs	Planetary hubs
Steering	Hydrostatic	Hydrostatic	Hydrostatic
Speed Range – mph (kph)	0-10.3 (0-16.6) working <sup>†</sup> 0-15.5 (0-25) road <sup>†</sup>	0-11 (0-17.8) working <sup>§</sup> 0-16.5 (0-26.5) road <sup>§</sup>	0-11 (0-17.8) working <sup>§</sup> 0-16.5 (0-26.5) road <sup>§</sup>
Tires – Drive	Tread..... Size	Tread..... Size	Tread..... Size
– Front	R1 lug 18.4R26 (radial) R3 turf 18.4x26-12PR R4 lug 16.9x28-12PR, 18.4x26-12PR, 21Lx28-10PR	R1 cleat 18.4Rx26 (radial) R3 turf 18.4x26-12PR, 23.1x26-10PR R4 lug 16.9x28-12PR, 18.4x26-12PR, 21Lx28-10PR	R1 cleat 18.4Rx26 (radial) R3 turf 18.4x26-12PR, 23.1x26-10PR R4 lug 16.9x28-12PR, 18.4x26-12PR, 21Lx28-10PR
– Rear	14Lx16.1, 8PR	14Lx16.1, 8PR	14Lx16.1, 8PR
Park Brake	Std., console switch controlled	Std., console switch controlled	Std., console switch controlled
Length with header – in. (mm)	280 (7102)	266 (6757)	266 (6757)
Length w/o header & lift arms	199.1 (5056)	199.1 (5056)	199.1 (5056)
Height – in. (mm)	132.8 (3372) <sup>†</sup>	135.1 (3432) <sup>§</sup>	135.1 (3432) <sup>§</sup>
Wheelbase – in. (mm)	134.6 (3419) <sup>††</sup> or 137.2 (3485) <sup>§§</sup>	137.2 (3485)	137.2 (3485)
Front tread width – in. (mm)	127 (3225) <sup>†</sup>	130.2 (3308) <sup>§</sup>	130.2 (3308) <sup>§</sup>
Rear tread width (adjustable) – in. (mm)	90/105/120 (2286/2667/3048)	90/105/120 (2286/2667/3048)	90/105/120 (2286/2667/3048)
Rear Axle Suspension	Optional	Optional	Optional
Rear Axle Ground Clearance – in. (mm)	36.3 (922) <sup>§§§</sup>	39.4 (1001) <sup>§§§</sup>	39.4 (1001) <sup>§§§</sup>
Header Drive	Hydraulic	Hydraulic	Hydraulic
Header Flotation	Hydraulic	Independent hydraulic	Independent hydraulic
Hydraulic Header Tilt	Standard	Standard	Standard
Header Power Reverser	Standard	Standard	Standard
Windrow Shields – Manually Adjustable	Standard	Standard	Standard
– Electrically Adjustable	Optional	Optional	Optional
Single Lever Header Transport	Standard	Standard	Standard
Lock System			
Weight w/o header – lbs. (kg)	10,950 (4966)	12,300 (5580)	12,300 (5580)
Cab Type	Deluxe, curved tinted glass	Deluxe, curved tinted glass	Deluxe, curved tinted glass
Cab Suspension	Standard	Standard	Standard
Cab Air Filtration	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	Deluxe air suspension seat with fore/aft isolator, lumbar adjuster, ride dampening	Deluxe air suspension seat with fore/aft isolator, lumbar adjuster, ride dampening	Deluxe air suspension seat with fore/aft isolator, lumbar adjuster, ride dampening
Instructor seat w/set belt	Standard	Standard	Standard

\* Manufacturer's Estimate <sup>†</sup> With 18.4 x 26 front tires <sup>§</sup> With 23.1 x 26 front tires <sup>††</sup> With 31 x 13.5-15 rear tires <sup>§§</sup> With 14L x 16.1 rear tires

\*\* Case IH engine manufactured by CNH U.K. Ltd.



Cab Features	WD1203	WD1903	WD2303
Steering wheel	Tilt and telescoping	Tilt and telescoping	Tilt and telescoping
Operator's console	Floating	Floating	Floating
2 outside mirrors and 1 in-cab rearview mirror	Manual: Standard Electric: Optional	Manual: Standard Electric: Optional	Manual: Standard Electric: Optional
Air conditioner	Standard: Manual control Optional: Automatic control	Standard: Manual control Optional: Automatic control	Standard: Manual control Optional: Automatic control
Heater	Standard: Manual control Optional: Automatic control	Standard: Manual control Optional: Automatic control	Standard: Manual control Optional: Automatic control
Windshield wiper/washer	Optional	Standard	Standard
Monitor	Standard: In console Optional: In console & A-pillar	Standard: In console Optional: In console & A-pillar	Standard: In console Optional: In console & A-pillar
Front/Rear Sunscreens	Optional	Optional	Optional
Business Band wiring ready	Standard	Standard	Standard
Radio-ready with AM/FM antenna, 2 speakers & mounting slot	Standard Optional: 4 premium speakers	Standard Optional: 4 premium speakers	Standard Optional: 4 premium speakers
2 additional radio communication ports w/mounting slots	Standard	Standard	Standard
1 power outlet/1 EST* port	Standard	Standard	Standard
In-cab windrow width adjustment	Optional	Optional	Optional

\* Electronic Service Tool (EST)  
Optional Deluxe Cab Package upgrade component





## RDX ROTARY DISC HEADERS

Model	RD132	RD162	RDX181
<b>Compatibility:</b>			
Windrower model .....	WD1903 or WD2303 .....	WD1903 or WD2303 .....	WD2303
<b>Header:</b>			
Type .....	Hydrostatically driven header with .....	Hydrostatically driven header with .....	Hydrostatically driven header with .....
	dual hydraulic header drive motors .....	dual hydraulic header drive motors .....	dual hydraulic header drive motors .....
Cutting width.....	13 ft. 0 in. (3.96 m) .....	15 ft. 5 in. (4.7 m).....	18 ft. 0 in. (5.48 m)
Overall width.....	13 ft. 3 in. (4.04 m) .....	15 ft. 10 in. (4.8 m).....	18 ft. 2 in. (5.53 m)
Weight.....	3,100 lb. (1406 kg) .....	4,100 lb. (1860 kg).....	5,000 lb. (2273 kg)
Cut height (minimum).....	0.60 in. (15 mm) <sup>†</sup> .....	0.85 in. (22 mm) <sup>†</sup> .....	0.80 in. (20 mm) <sup>§</sup>
Windrow width .....	36-96 in. (.91-2.44 m).....	36-96 in. (.91-2.44 m).....	36-96 in. (.91-2.44 m)
Cutting angle and height .....	Standard hydraulic control, .....	Standard hydraulic control, .....	Standard hydraulic control, .....
	from 2 to 13 degrees .....	from 2 to 12 degrees .....	from 2 to 13 degrees .....
	(minimum: 0.60 in. [15 mm]) .....	(minimum: 0.85 in. [22 mm]) .....	(minimum: 0.80 in. [20 mm]) .....
	with standard skid shoes <sup>†</sup> .....	with standard skid shoes <sup>†</sup> .....	with standard skid shoes <sup>§</sup> .....
Transport height – .....			
bottom of skid shoes .....	24.5 in. (622 mm) <sup>†</sup> .....	27.4 in. (696 mm) <sup>†</sup> .....	29.6 in. (754 mm) <sup>§</sup>
Hood liner .....	High-density, impact-resistant .....	High-density, impact-resistant .....	High-density, impact-resistant .....
	polyethylene .....	polyethylene .....	polyethylene .....
<b>Cutterbed:</b>			
Disc drive .....	Modular disc drive.....	Modular disc drive.....	Modular disc drive .....
Number of discs.....	10 .....	12 .....	14 .....
Maximum disc speed.....	3,000 RPM .....	3,000 RPM.....	3,000 RPM .....
Number of reversible, .....			
swingaway knives .....	20 (2 per disc).....	24 (2 per disc) .....	28 (2 per disc) .....
Knife speed .....	187 mph (301 kph) .....	187 mph (301 kph).....	187 mph (301 kph) .....
Shock protection system.....	Standard .....	Standard .....	Standard .....
<b>Auger:</b> .....	None .....	Floating auger, .....	Floating auger, .....
		20 in. (508 mm) diameter, .....	20 in. (508 mm) diameter, .....
		5 in. (127 mm) flighting, .....	5 in. (127 mm) flighting, .....
		slip clutch protected .....	slip clutch protected .....
<b>Hay Conditioner:</b>			
Removable conditioning .....			
rolls module.....	No.....	Yes.....	Yes .....
Rolls — intermeshing spiral.....	Steel-on-steel or rubber-on-rubber... ..	Steel-on-steel, rubber-on-rubber .....	Steel-on-steel, rubber-on-rubber .....
		or High Contact .....	or High Contact .....
Length .....	102 in. (2.6 m).....	102 in. (2.6 m).....	102 in. (2.6 m) .....
Conditioning Roll speed .....	920 RPM .....	923 RPM .....	923 RPM .....
Roll pressure .....	Single crank adjustable .....	Single crank adjustable .....	Single crank adjustable .....
Roll separation .....	Automatic on-the-go.....	Automatic on-the-go.....	Automatic on-the-go .....
<b>Hydraulics:</b>			
Hydraulic adjustable flotation .....	Yes.....	Yes.....	Yes .....
Hydraulic adjustable tilt angle .....	Yes.....	Yes.....	Yes .....

<sup>†</sup> With 18.4 x 26 front tires <sup>§</sup> With 23.1 x 26 front tires

## DHX "2" SERIES DRAPER HEADERS

MODEL	DHX212	DHX252	DHX302	DHX362
<b>Header:</b>				
Cutting width.....	21 ft. (6.4 m)	25 ft. (7.6 m)	30 ft. (9.1 m)	36 ft. (11 m)
Approx. weight (includes reel).....	3,445 lb. (1563 kg)	3,805 lb. (1726 kg)	4,330 lb. (1964 kg)	4,905 lb. (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) *
Standard deck windrow width opening.....	54 in. (1.37 m)	58 in. (1.47 m)	58 in. (1.47 m)	58 in. (1.47 m)
Double swath windrow width opening.....	49 in. (1.24 m)	41 in. (1.04 m)	41 in. (1.04 m)	NA
Transport height (from tip of guards to ground).....	40 in. (1.02 m) *	40 in. (1.02 m) *	40 in. (1.02 m) *	40 in. (1.02 m) *
<b>Cutterbar:</b>				
Cutting System – Single knife drive.....	NA	Schumacher easy cut with spring steel guards and bolted sections	Schumacher easy cut with spring steel guards and bolted sections	NA
– Double knife drive.....	Schumacher easy cut with spring steel guards and bolted sections or Case IH forged steel bolted overserrated sickle sections and adjustable hold-down clips	Schumacher easy cut with spring steel guards and bolted sections or Case IH forged steel bolted overserrated sickle sections and adjustable hold-down clips	Schumacher easy cut with spring steel guards and bolted sections or Case IH forged steel bolted overserrated sickle sections and adjustable hold-down clips	Schumacher easy cut with spring steel guards and bolted sections or Case IH forged steel bolted overserrated sickle sections and adjustable hold-down clips
Knife drive.....	Hydraulically-driven, planetary-reduction sickle drive	Hydraulically-driven, planetary-reduction sickle drive	Hydraulically-driven, planetary-reduction sickle drive	Hydraulically-driven, planetary-reduction sickle drive
Sickles.....	2	1 or 2	1 or 2	2
Sickle speed - strokes per minute.....	1500	1500	1500	1500
Sickle stroke.....	3.31 in. (84 mm)	3.31 in. (84 mm)	3.31 in. (84 mm)	3.31 in. (84 mm)
<b>Reels:</b>				
Type.....	Steel bat or pick-up with steel or plastic fingers	Steel bat or pick-up with steel or plastic fingers	Steel bat or pick-up with steel or plastic fingers	Steel bat or pick-up with steel or plastic fingers
Speed range.....	0-80 RPM	0-80 RPM	0-80 RPM	0-80 RPM
Drive.....	Direct hydraulic drive w/ 45 cu. in. (.65 L) motor	Direct hydraulic drive w/ 45 cu. in. (.65 L) motor	Direct hydraulic drive w/ 45 cu. in. (.65 L) motor	Direct hydraulic drive w/ 45 cu. in. (.65 L) motor
Hydraulic reel vertical adjustment.....	Standard	Standard	Standard	Standard
Hydraulic reel fore/aft adjustment.....	Optional	Optional	Optional	Optional
<b>Draper Belts:</b>				
Belt width and type.....	42 in. (1.07 m) Rubberized polyester belt with fiberglass reinforcement, tie bar end connection	42 in. (1.07 m) Rubberized polyester belt with fiberglass reinforcement, tie bar end connection	42 in. (1.07 m) Rubberized polyester belt with fiberglass reinforcement, tie bar end connection	42 in. (1.07 m) Rubberized polyester belt with fiberglass reinforcement, tie bar end connection
Speed range.....	0-426 ft. (130 m)/minute	0-426 ft. (130 m)/minute	0-426 ft. (130 m)/minute	0-426 ft. (130 m)/minute
In-cab draper speed control.....	Optional	Optional	Optional	Optional
Angle.....	10 to 20 degrees	10 to 20 degrees	10 to 20 degrees	10 to 20 degrees
Double swath shift method.....	Hydraulic	Hydraulic	Hydraulic	Hydraulic
<b>Versions Available:</b>				
Single-knife drive, standard deck	•	•	•	•
Single-knife drive, double swath	•	•	•	•
Double-knife drive, standard deck	•	•	•	•
Double-knife drive, double swath	•	•	•	•

\* With 18.4x26 drive tires

## HDX "2" SERIES SICKLEBAR HEADERS

MODEL	HDX122	HDX142	HDX162	HDX182	HSX142 (Grass Header)
Cutting width.....	12 ft. 3 in. (3.73 m)	14 ft. 3 in. (4.34 m)	16 ft. 3 in. (4.95 m)	18 ft. 3 in. (5.56 m)	14 ft. 3 in. (4.34 m)
Overall width.....	14 ft. 3 in. (4.34 m)	16 ft. 3 in. (4.95 m)	18 ft. 3 in. (5.56 m)	20 ft. 3 in. (6.17 m)	16 ft. 3 in. (4.95 m)
Weight – rubber rolls.....	3,630 lb. (1647 kg)	3,900 lb. (1770 kg)	4,120 lb. (1869 kg)	4,370 (1983 kg)	3,260lb. (1479 kg) w/o conditioner
– steel rolls.....	NA	4,000 lb (1815 kg)	4,220 lb. (1015 kg)	4,470 lb (2083 kg)	NA
<b>Cutterbar:</b>					
Type.....	Timed dual counterstroking	Timed dual counterstroking	Timed dual counterstroking	Timed dual counterstroking	Timed dual counterstroking
Drives.....	Right-hand and left-hand wobble with shaft drive	Right-hand and left-hand wobble with shaft drive	Right-hand and left-hand wobble with shaft drive	Right-hand and left-hand wobble with shaft drive	Right-hand and left-hand wobble with timing belt drive
Knives.....	Overserrated, bolted	Overserrated, bolted	Overserrated, bolted	Overserrated, bolted	Overserrated, bolted
Guards.....	2-tine, double hardened	2-tine, double hardened	2-tine, double hardened	2-tine, double hardened	2-tine stub, Independently adjustable
Angle range.....	6-12 degrees	6-12 degrees	6-12 degrees	6-12 degrees	6-12 degrees
Adjustable skid shoes.....	2	4	4	4	4
Cutting height range.....	1.2-6.2 in. (30.5-157 mm)	1.2-6.2 in. (30.5-157 mm)	1.2-6.2 in. (30.5-157 mm)	1.2-6.2 in. (30.5-157 mm)	1.2-6.2 in. (30.5-157 mm)
<b>Sickle Drive:</b>					
Type.....	Open dual wobble	Open dual wobble	Open dual wobble	Open dual wobble	Open dual wobble
Speed.....	1,810 SPM	1,810 SPM	1,810 SPM	1,810 SPM	1,828 SPM
Stroke.....	3 in. (76 mm)	3 in. (76 mm)	3 in. (76 mm)	3 in. (76 mm)	3 in. (76 mm)
<b>Reel:</b>					
Type.....	5-bat	5-bat	5-bat	5-bat	6-bat
Adjustments.....	Fore/aft and vertical	Fore/aft and vertical	Fore/aft and vertical	Fore/aft and vertical	Fore/aft and vertical
Speed – Std. mech. drive.....	52-83 RPM	52-83 RPM	52-83 RPM	52-83 RPM	NA
– Opt. Hyd. Drive.....	0-76 RPM	0-76 RPM	0-76 RPM	0-76 RPM	0-76 RPM Standard
Speed adjustment.....	Variable sheave	Variable sheave	Variable sheave	Variable sheave	Variable, from cab
Max. diameter.....	42 in. (1067 mm)	42 in. (1067 mm)	42 in. (1067 mm)	42 in. (1067 mm)	42 in. (1067 mm)
Drive.....	Belt and chain	Belt and chain	Belt and chain	Belt and chain	Hydraulic
Tine bars.....	Segmented	Segmented	Segmented	Segmented	Segmented
Cam-bearings.....	1.25 in. (31.75 mm)	1.25 in. (31.75 mm)	1.25 in. (31.75 mm)	1.25 in. (31.75 mm)	1.25 in. (31.75 mm)
Reel bushings.....	1 in. (25.4 mm)	1 in. (25.4 mm)	1 in. (25.4 mm)	1 in. (25.4 mm)	1 in. (25.4 mm)
<b>Conditioner:</b>					
Type.....	Rubber-on-rubber	Rubber-on-rubber, steel-on-steel or High Contact	Rubber-on-rubber, steel-on-steel or High Contact	Rubber-on-rubber, steel-on-steel or High Contact	NA
Roll length (crush area).....	102 in. (2591 mm)	102 in. (2591 mm)	102 in. (2591 mm)	102 in. (2591 mm)	NA
Roll diameter.....	10.375 in. (263.5 mm)	10.375 in. (263.5 mm)	10.375 in. (263.5 mm)	10.375 in. (263.5 mm)	NA
Roll drive.....	Spur gearbox & PTOs	Spur gearbox & PTOs	Spur gearbox & PTOs	Spur gearbox & PTOs	NA
Speed.....	717 RPM	717 RPM	717 RPM	717 RPM	NA
Gap/pressure adjustments.....	Hand cranks	Hand cranks	Hand cranks	Hand cranks	NA
<b>Auger:</b>					
Type.....	Single, floating	Single, floating	Single, floating	Single, floating	Single, floating
Diameter.....	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)	20 in. (508 mm)
Floating range.....	2 in. (50.8 mm)	2 in. (50.8 mm)	2 in. (50.8 mm)	2 in. (50.8 mm)	2 in. (50.8 mm)
Flighting depth.....	5 in. (178 mm)	5 in. (178 mm)	5 in. (178 mm)	5 in. (178 mm)	5 in. (178 mm)
Speed.....	287 RPM (w/45T driven sprocket)	287 RPM (w/45T driven sprocket)	287 RPM (w/45T driven sprocket)	287 RPM (w/45T driven sprocket)	196 RPM
Windrow width.....	36-96 in. (910-2438 mm)	36-96 in. (910-2438 mm)	36-96 in. (910-2438 mm)	36-96 in. (910-2438 mm)	60 or 83 in. (1524 or 2108 mm)



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**SAFETY NEVER HURTS!™** Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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