

CASE IH
AGRICULTURE
THE HEART OF FARMING BEATS RED

WINDROWERS

WD4 SERIES WINDROWERS AND HEADERS



MODELS	WD1204	WD1904	WD2304
POWER			
Engine	Case IH 4-Cyl. Tier 3	Case IH 6-Cyl. Tier 3	
Rated Engine Power ISO - ECE R120 (kW)	94	142	168
Rated power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	94	149	179
Cylinders / Displacement (l)	4.5	6.7	
Aspiration	Turbocharged with air-to-air intercooler		
Fuel Injection Pump	Mechanical	Electronically controlled high-pressure common rail	
Batteries / Alternator	1x 925 CCA / 150 amp	2x 650 CCA / 150 amp	
Fuel Capacity (l)		454	
DEF Capacity		N/A	
Rotating Wand Cooling System Pre-Cleaner		Standard	
TRANSMISSION			
Type		Dual range hydrostatic	
Final Drive		Double reduction planetary	
Steering		Hydrostatic	
Speed Range 1) – 2 Speed Drive (kph)		0-30.6	
DIMENSIONS			
Length with Header (mm)	7125 ²⁾ with HDX sickle head	7188 ⁴⁾ with RD163 disc head	
Length without Header and Lift Arms (mm)	5138 ²⁾	5060 ³⁾	
Height (mm)	3411 ²⁾	3424 ³⁾	
Wheelbase (mm)		3659	
Front Tread Width (mm)	3771 ²⁾	3932 ³⁾	
Rear Tread Width (Adjustable) (mm)		2286 / 2667 / 3048	
Rear Axle Suspension		Standard	
Tractor Weight (kg)	4738 ²⁾	5092 ³⁾	
Rear Tires		16.5L x 16.1 8PR	
Rear Axle Ground Clearance (mm)		1080	
HEADER ⁵⁾			
Header Drive		Hydraulic	
Header Flotation	Hydraulic (in-cab adjustable) - Standard	Independent hydraulic flotation (flotation weight at each end of header independently controlled from cab)	
Hydraulic Header Tilt		Standard	
Header Power Reverser		Standard	
Windrow Shields		Adjustable shields	
In-Cab Windrow-Width Adjustment		Optional	
Single Lever Header Transport Lock System		Standard	
CAB			
Type		Deluxe; curved tinted glass	
Cab Suspension		Standard	
Cab Air Filtration		Dual 1 external air filter and 1 in-cab recirculation filter	
Standard Seat		Deluxe cloth, air suspension seat with ride dampening; adjustable fore / aft and lumbar	
Optional Seat		Deluxe leather, heated, air-suspension seat with ride dampening; adjustable fore / aft lumbar	
Instructional Seat		Standard	

¹⁾ Speed range varies by tire size

²⁾ With 480/80R26 R3 tires

³⁾ With 580/70R26 R3 tires

⁴⁾ With 600/65R28 R1W tires

⁵⁾ All WD4 Windrowers can be ordered draper ready



WD4 WINDROWER HEADER OPTIONS

MODEL	HDX2 SICKLE HEADERS	RD3 DISC HEADERS	DH3 DRAPER HEADERS
WD1204	HD142 HD162 HD182	NA	DH253 DH303 DH363
WD1904	HD162 HD182	RD163	DH253 DH303 DH363 DH403
WD2304	HD162 HD182	RD163 RD193	DH253 DH303 DH363 DH403

MODELS	HDX142	HDX162	HDX182
HEADER			
Cutting Width (m)	4.34	4.95	5.56
Overall Width (m)	4.95	5.56	6.17
Weight - Rubber Rolls (kg)	1,770	1,869	1,983
Weight - Steel Rolls (kg)	1,815	1,015	2,083
CUTTERBAR			
Type	Timed dual counterstroking		
Drives	Right-hand and left-hand wobble with shaft drive		
Knives	Overserrated, bolted		
Guards	2-tine, double hardened		
Angle Range (°)	6 – 12		
Adjustable Skid Shoes	4		
Cutting Height Range (mm)	30.5 – 157		
SICKLE DRIVE			
Type	Open dual wobble		
Speed	1,810 SPM		
Stroke (mm)	76		
REEL			
Type	5-bat		
Adjustments	Fore / aft and vertical		
Speed - Standard Mech. Drive / Optional Hyd. Drive (rpm)	52 – 83 / 0 – 76		
Speed Adjustment	Variable sheave		
Maximum Diameter (mm)	1,067		
Drive	Belt and chain		
Tine Bars	Segmented; 32 mm bearings at the cam end; 32 mm bushings at all other locations		
Reel Bushings (mm)	25.4	25.4	25.4
CONDITIONER			
Type	Rubber-on-rubber		
Roll Length (Crush Area) (mm)	2,591		
Roll Diameter (mm)	263.5		
Roll Drive	Spur gearbox & PTOs		
Speed (rpm)	717		
Gap / Pressure Adjustments	Hand cranks		
AUGER			
Type	Single, floating		
Diameter (mm)	508		
Floating Range (mm)	50.8		
Flighting Depth (mm)	178		
Speed (rpm)	287 (with 45T driven sprocket)		
Windrow Width (mm)	910 – 2,438	910 – 2,438	910 – 2,438

Extension kit and crop deflectors available.

ACRE AFTER ACRE

Swath canola, cereals, and specialty crops more efficiently with Case IH WD4 series windrowers with DH3 draper heads. Three models, with cutting widths from 7.6 to 12.2 m, plus a selection of double or single knife drives and double swath or standard decks, let you make quick work of a large acreage. The new draper head cuts crops quicker and leaves them in faster-drying swath formations.

The all new cutting system improves the cut quality and smooths feeding to reduce harvest loss. Integrated Case IH AFS AccuGuide™ autoguidance technology provides cutting accuracy to ± 38 mm and ends pass-to-pass overlap.



DH 3 SERIES DRAPER HEADER RD 3 ROTARY DISC HEADER

EASY-TO-USE QUICK CHANGE KNIFE SYSTEM

Replacing dull or damaged knives in the field is a snap with the unique new quick change knife system.

Plus the discs rotate 180 degrees so all the knives can be flipped or replaced with just one rotation.

The patented eccentric knife nut and spring steel retainer use centrifugal force for exceptional blade security. The quick change knivesystem works with all Case IH disc header knives.



MODELS	DH253	DH303	DH363	DH403
TYPE				
Double-Knife Drive, Single Swath, Split Reel	N/A	N/A	N/A	●
Double-Knife Drive, Double Swath, Single Reel	●	●	●	N/A
Double-Knife Drive, Double Swath, Split Reel	N/A	N/A	Optional	N/A
HEADER				
Cutting Width (m)	7.6	9.1	11.0	12.2
Approximate Weight (Includes Reel) (kg)	2121 (est.)	2554	3040	3254
Max. Wt., Fully Optioned, (Incl. Reel) as Identified on Pin Plate (kg)	2221	2723	3213	3506
Cutting Height (Minimum) at Maximum Tilt				
Center-Delivery Windrow Width Opening ¹⁾ (mm)		1.42 – 1.83		1.63 – 2.03
Double-Swath End Windrow Width Opening ²⁾ (mm)		1.37 – 1.65		N/A
Transport Height to Guard Tips with 600/65R28 Tires (m)				
Transport Height to Lowest Point on Header (Excluding Gauge Wheels) ³⁾ (m)				
CUTTERBAR				
Type	Schumacher Easy Cut			
Knife Drive	Schumacher Pro-Drive system: hydraulically-driven, planetary-reduction sickle drive			
Sickles	2			2
Sickle Speed	1,400 SPM			
Sickle Stroke (mm)	85			
Hay Guards	Standard			
Tilt Angle Range (°)	2 – 8			
REELS				
Choices (SF = Steel Fingers, PF = Plastic Fingers)	Ull reel, 6-bat, with PF		Ull reel, 6-bat, single, with PF; Ull reel, 6-bat, split, with PF	Ull reel, 6-bat, split, with PF
Speed Range (rpm)	10 – 75			
Drive	Single reels equipped with single, hydraulic-driven, chain-and-sprocket reduction drive with 260 cc motor; Split reels equipped with two, hydraulic-driven, chain-and-sprocket reduction drives with 260 cc motors			
Hydraulic Reel Fore / Aft Adjustment	Standard			
Hydraulic Reel Raise / Lower Adjustment	Standard			
DRAPER BELTS				
Belt Width and Construction	1.07 m rubberized polyester belt with fiberglass reinforcement, tie bar end connection			
Belt / Roller Guide Design	V-guide on upper end of inner side of belt with V-groove in rollers			
Roller Design	Rubber vulcanized steel drive roller, steel idler roller			
Speed Range (m/min)	0 – 232			
Cleat Design and Height (mm)	13 high cleat, with embedded fiberglass rod reinforcement			
Chaff Barrier Seal Design	Continuous, 12.7 mm height, rubber, inverted 'V' barrier on front edge of outside of belt, with minimal clearance to hay guard			
Belt Angle (at Minimum Cutterbar Tilt)	15 degrees at 2 degrees tilt			
Double Swath Shift Means	Hydraulic			

MODELS	DH253	DH303	DH363	DH403
IN-CAB CONTROLS				
Reel Speed	Standard, ground-speed synchronized; variable from 100 to 130% (up to 75 rpm) of ground speed; choice of auto or manual mode			
Draper-Belt Speed	Standard, variable speed			
Reel Raise / Lower	Standard			
Reel Fore / Aft	Standard			
TRANSPORT				
Lift Brackets Only for Handling Header	•	•	•	•
Slow-Speed, 2-Wheel Transport ⁴⁾	•	•	•	
Slow-Speed, 4-Wheel Transport ⁵⁾	N/A	N/A	•	•
Castoring Gauge Wheels	N/A	Standard	Standard	Standard

Ballasting kits available.

¹⁾ Increase center opening to 2.03 m by removing extension panels at the inner end of the rear walls ²⁾ Vary end opening width by adjusting movable end deflector

³⁾ SCH EasyCut system with spring steel guards; ProCut bolt-on, plated knife sections and Rollerguide knifeback guide system; or Case IH system with forged steel guards, adjustable hold-down clips and bolt-on knife sections.

⁴⁾ Unit equipped with fold-down axle assembly and telescoping tongue for slow-speed, endwise transport. Requires tires/wheels/hubs/spindles kit (order separately) unless the unit is equipped with castoring gauge wheels.

⁵⁾ Unit equipped with fold-down axle assembly (RH end), dolly-wheel set (LH end), 2-piece tongue (LH end) for slow-speed, endwise transport. Requires tires/wheels/hubs/spindles kit for the fold-down axle assembly (order separately) unless the unit is equipped with castoring gauge wheels.

CUTTERBAR OPTIONS (FACTORY-INSTALLED)

- 152.4 mm segmented poly cutterbar full width skid plates for on-ground operation. All models.
- Adjustable, end skid shoes reduce header gouging in uneven terrain. Adjustable 0-76.2 mm @ 2 deg. tilt.
- Adjustable end skid shoes (one each end) and adjustable middle skid shoes (two skid shoes install on center struts) reduce header gouging in uneven terrain. Adj. range of 0-76.2 mm @ 2 deg. tilt.
- Rotary shear-ready.
- Cross auger kit aids crop delivery to center opening in high-volume crops. Hydraulically driven. Height adjustment range: 190 mm. Speed range: 0 - 400 rpm. 9.14 m, 10.97 m, and 12.19 m models only.

MODELS	RD163	RD193
Compatible Windrower Models	WD1904 / WD2304	WD2304
HEADER		
Type	Hydrostatically driven header with dual hydraulic header drive motors	
Cutting Widths (m)	4.5	5.9
Cutting Height (mm)	18 – 89	
Operating Weight – with Chevron Rubber Conditioning Rolls (kg)	2,152	2,455
Hood Liner	High-density, impact-resistant polyethylene	
CUTTERBED		
Disc Drive	Modular disc-drive	
Number of Discs	10	12
Maximum Disc Speed (rpm)	2,500	
Cutterbar Type	Bevel-gear, individual modules	
HAY CONDITIONER – REMOVABLE CONDITIONING ROLLS MODULE		
Rolls - Intermeshing Chevron	Rubber-on-rubber or steel-on-steel	
Length (m)	2.6	
Conditioning Roll Speed (rpm)	938	
Roll Pressure / Separation	Single crank adjustable / Automatic on-the-go	
FLAIL CONDITIONER		
Length (m)	2.3	
Speed (rpm)	1,310	
Hook Position	Single crank adjustment	
Windrow / Swath Width (mm)	965 – 2,134	
AUGER		
Auger (mm)	Floating auger: 508 diameter, 177.8 flighting, slip clutch protected	
HYDRAULICS		
Hydraulic Adjustable Floation	Yes	
Hydraulic Adjustable Tilt Angle	Yes	

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