

WD 4 SERIES WINDROWERS AND HEADERS

CASE IH
AGRICULTURE



WD 4 SERIES WINDROWER SPECIFICATIONS

PRODUCT SPECIFICATIONS

| 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 |
| Max Engine Power ISO - ECE R120 (kW) | 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 | | One 12-volt 925 CCA/150 amp | |
| Fuel Capacity (l) | | 454 | |
| DEF Capacity | | N/A | |
| Rotating Wand Cooling System Pre-Cleaner | | Standard | |
| TRANSMISSION | | | |
| Type | | Dual range hydrostatic, or optional high speed, 3-range hydrostatic | |
| Final Drive | | Double reduction planetary | |
| Steering | | Hydrostatic | |
| Speed Range ¹⁾ – 2 Speed Drive / 3 Speed Drive (kph) | | 0-30.6 / 0-38.6 | |
| 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 | | 14L x 16.1 8PR or 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 | Draper models: fixed shields, standard; adjustable shields, optional / Hay models: adjustable shields, standard | | |
| 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



**WD3 & WD4 WINDROWER HEADER AND
DOUBLE WINDROW ATTACHMENT OPTIONS**

| Model | HDX2 SICKLE HEADERS | RD3 DISC HEADERS | DH3 DRAPER HEADERS | DOUBLE WINDROW ATTACHMENT |
|--------|-------------------------|------------------|----------------------------------|---------------------------|
| WD1204 | HD142 HD162 HD182 | NA | DH213 DH253 DH303 DH363 | NA |
| WD1904 | HD162 HD182 | RD163 | DH253 DH303 DH363 DH403 | ✓ |
| WD2304 | HD162 HD182 | RD163 RD193 | DH253 DH303 DH363 DH403 | ✓ |

DH 3 SERIES DRAPER HEADER SPECIFICATIONS

| MODELS | DH213 | DH253 | DH303 | DH363 | DH403 |
|---|--|--|-------|--|--|
| TYPE | | | | | |
| Single-Knife Drive, Single Swath, Single Reel | N/A | ✓ | ✓ | N/A | N/A |
| Single-Knife Drive, Double Swath, Single Reel | N/A | ✓ | ✓ | N/A | N/A |
| Double-Knife Drive, Single Swath, Single Reel | ✓ | ✓ | ✓ | ✓ | |
| 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 | N/A | ✓ | N/A |
| HEADER | | | | | |
| Cutting Width (m) | 6.4 | 7.6 | 9.1 | 11.0 | 12.2 |
| Approximate Weight (Includes Reel) (kg) | 1783 (est.) | 2121 (est.) | 2554 | 3040 | 3254 |
| Max. Wt., Fully Optioned, (Incl. Reel) as Identified on Pin Plate (kg) | 2079 | 2221 | 2723 | 3213 | 3506 |
| Cutting Height (Minimum) at Maximum Tilt | 19 mm at 8 degrees tilt | | | | |
| Center-Delivery Windrow Width Opening ¹⁾ (mm) | 0.84–1.27 | 1.42–1.83 | | | 1.63–2.03 |
| Double-Swath End Windrow Width Opening ²⁾ (mm) | 0.78 – 1.1 | 1.37 – 1.65 | | | N/A |
| Transport Height to Guard Tips with 600/65R28 Tires (m) | 1.1 m with tilt cyl. fully retracted; 0.81 m with tilt cyl. fully extended | | | | |
| Transport Height to Lowest Point on Header (Excluding Gauge Wheels) ³⁾ (m) | 0.712 m with tilt cyl. fully retracted; 0.695 m with tilt cyl. fully extended | | | | |
| CUTTERBAR | | | | | |
| Type | Case IH with standard or stub guards, or Schumacher Easy Cut | | | | |
| Knife Drive | Schumacher Pro-Drive system: hydraulically-driven, planetary-reduction sickle drive | | | | |
| Sickles | 2 | 1 or 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) | UII, 6-bat, w/SF or PF; HCC, 6-bat, flipover, w/heavy-duty, long PF | UII reel, 6-bat, with SF or PF; HCC reel, 6-bat, flipover, w/heavy-duty, long PF | | UII reel, 6-bat, single, with PF; UII reel, 6-bat, split, with PF; HCC reel, 6-bat, flipover, with heavy-duty, long PF | UII reel, 6-bat, split, with PF; HCC reel, 6-bat, flipover, with heavy-duty, long 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 | DH213 | 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 | N/A | ✓ | ✓ |
| Castoring Gauge Wheels | N/A | N/A | Optional | Optional | Optional |

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.

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 6.4 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.



| WD3 & WD4 WINDROWER HEADER AND DOUBLE WINDROW ATTACHMENT OPTIONS | | | | |
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| WD2304 | HD162 HD182 | RD163 RD193 | DH253 DH303 DH363 DH403 | ✓ |

RD 3 ROTARY DISC HEADER SPECIFICATIONS

| MODELS | RD163 | RD193 |
|--|---|--------|
| Compatible Windrower Models | WD1903 / WD2303 | WD2303 |
| HEADER | | |
| Type | Hydrostatically driven header with dual hydraulic header drive motors | |
| Cutting Widths (m) | 4.9 | 5.9 |
| Cutting Height (mm) | 18 – 89 | |
| Operating Weight – with Chevron Rubber Conditioning Rolls (kg) | 2152 | 2455 |
| 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 – 2134 | |
| AUGER | | |
| Auger (mm) | Floating auger: 508 diameter, 177.8 flighting, slip clutch protected | |
| HYDRAULICS | | |
| Hydraulic Adjustable Floation | Yes | |
| Hydraulic Adjustable Tilt Angle | Yes | |

PRODUCT SPECIFICATIONS

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 knife system works with all Case IH disc header knives.




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HDX SICKLEBAR HEADER SPECIFICATIONS

| 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) | 1770 | 1869 | 1983 |
| Weight - Steel Rolls (kg) | 1815 | 1015 | 2083 |
| 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) | 1067 | | |
| 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) | 2591 | | |
| 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 – 2438 | 910 – 2438 | 910 – 2438 |

Extension kit and crop deflectors available.

 Safety never hurts! Always read the Operator's Manual before working with 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. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants

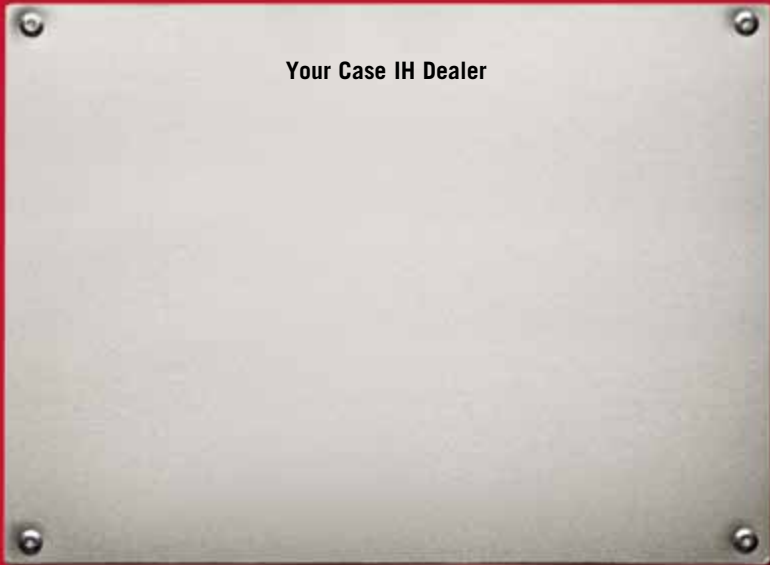
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PRODUCT SPECIFICATIONS

The logo features the text "CASE IH" in a bold, black, sans-serif font. The "I" and "H" are stylized with three vertical red bars of varying heights. Below this, the word "AGRICULTURE" is written in a smaller, black, sans-serif font, centered under a red horizontal bar.

CASE IH
AGRICULTURE

A rectangular metal plate with four screws at the corners, serving as a placeholder for a dealer's name.

Your Case IH Dealer