

New Holland H8000 Series Self-Propelled Windrower Specifications



H8040 H8040 Prairie Special H8060 H8080

MODEL	H8040	H8060	H8080
	H8040 PRAIRIE SPECIAL		
ENGINE	New Holland 4-cylinder 274 cu. in. (4.5 L) Turbocharged with air-to-air intercooler	New Holland 6-cylinder 411 cu. in. (6.7 L) Turbocharged with air-to-air intercooler	New Holland 6-cylinder 411 cu. in. (6.7 L) Turbocharged with air-to-air intercooler
Rated horsepower (kW)*	126 (94) @ 2,300 rpm	190 (142) @ 2,200 rpm	226 (168) @ 2,200 rpm
Fuel injection pump	Mechanical	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)	
Rotary radiator screen cleaner		Standard	
TRANSMISSION		Dual range hydrostatic	
Final drive		Double reduction planetary	
Steering		Hydrostatic	
Speed range, mph (kph)	0-10.6 (0-17) working** 0-15.8 (0-25.4) - road**	0-12.5 (0 - 20) - working*** 0-18 (0 - 29) - road***	0-12.5 (0 - 20) - working*** 0-18 (0 - 29) - road***
LENGTH, in. (mm) with header	283.1 (7192) with HS Series	269.5 (6847)	269.5 (6847)
Less header and lift arms, in. (mm)		205.2 (5213)	
Height, in. (mm)	134.1 (3415)**	136.1 (3456)***	136.1 (3456)***
Wheelbase, in. (mm)		138 (3494)	
Front tread width, in. (mm)	127 (3225)**	130.2 (3308)***	130.2 (3308)***
Rear tread width (adjustable), in. (mm)		90-105-120 (2286-2667-3048)	
Rear axle suspension		Optional	
Tractor weight, lbs. (kg)	10,745 (4874)**	11,365 (5155)***	11,365 (5155)***
Rear axle tires		14L x 16.1 8PR	
Rear axle ground clearance	35.7 (908) with 18.4 x 26 front tires	35.7 (908) with 18.4 x 26 front tires	38.8 (986) with 23.1 x 26 front tires
Header drive		Hydraulic	
Header flotation	Hydraulic (in-cab adjustable)	Independent hydraulic flotation (flotation weight at each end of header independently controlled from cab)	
HEADER TILT		Standard	
Hydraulic		Standard	
Header power reverser		Standard	
Adjustable windrow shields		Standard	
In-cab windrow-width adjustment		Optional	
Single lever header Transport lock system		Standard	
CAB		Deluxe, curved tinted glass	
Cab suspension		Standard	
Cab air filtration		Dual: 1 external air filter and 1 in-cab recirculation filter	
Seat		Deluxe air suspension seat with fore/aft lumbar adjuster, ride dampening	
Instructor seat		Standard	

*Manufacturer's rating per ECE R120 / ISO 14396 **with 18.4 x 26 tires ***with 23.1 x 26 tires

HEADERS	Sickle Hay Headers				Disc Hay Header			Draper Headers			
	12HS*	14HS	16HS	18HS	720 HD**	750 HD	2358	21HB**	25HB	30HB	36HB
	12 ft., 3 in.	14 ft., 3 in.	16 ft., 3 in.	18 ft., 3 in.	13 ft.	15 ft., 5 in.	18 ft.	21 ft.	25 ft.	30 ft.	36 ft.
H8040	•	•	•	•	NA	NA	NA	•	•	•	•
H8060	•	•	•	•	•	•	NA	•	•	•	•
H8080	•	•	•	•	•	•	•	•	•	•	•

*12-foot header requires 16.9 x 28 drive tires **not compatible with 23.1 x 26 drive tires

New Holland HS Series Sicklebar Header Specifications



12HS 14HS 16HS 18HS

MODELS	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			
Knives	Overserrated, bolted			
Guards	2-tine, double-hardened	2-tine, double-hardened (14HS) 2-tine stub, double-hardened, independent adjustable hold-down (14HS Specialty)	2-tine, double-hardened	2-tine, double-hardened
Angle range, degrees	-6 to -12			
Skid shoes	2	4	4	4
Cutting height, in. (mm)	1.2-6.2 (30.5-157.5)			

SICKLE DRIVE

Type	Open, dual, wobble			
Speed, SPM	1,810	1,810 / 1,828	1,810	1,810
Stroke, in. (mm)	3 (76)			

REEL

Type	5-bat	5-bat / 6-bat	5-bat	5-bat
Adjustments	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			
Diameter, in. (mm)	.42 (1067)			
Drive	Belt & chain			
Tine bars	Segmented			
Bushings/bearings, in.(mm)	1.25 (31.75) bearing w/collar at cam & bushings			

CONDITIONER

Type	Chevron-design intermeshing rubber	Chevron-design 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	Adjustable stop-bolt	Adjustable stop-bolt / NA	Adjustable stop-bolt	Adjustable stop-bolt
Windrow width, in. (mm)	38-96(910-2438)	38-96 (910-2438) / 60 (1324) or 83 (2108)	38-96 (910-2438)	38-96 (910-2438)

AUGER

Type	Single, floating			
Diameter, in. (mm)	20 (508)			
Floating range, in. (mm)	2 (50.8)			
Flighting depth, in. (mm)	5 (178)			
Speed, RPM	287	287 / 215	287	287

OPTIONS (field-installed)

- Crop dividers
- High-contact chevron conditioning rolls
- 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 (standard or speciality heads)
- 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

New Holland Discbine® Disc Header Specifications



720HD 750HD 2358

MODEL	720HD	750HD	2358
WINDROWER MODEL	H8060/H8080	H8060/H8080	H8080
Header drive	Hydrostatically driven header with dual hydraulic header drive motors		
Cutting width, ft. in. (m)	13' (3.96)	15' 5" (4.7)	18' (5.49)
Overall width, ft. in. (m)	13' 3" (4.04)	15' 7" (4.75)	18' 3" (5.56)
Weight, lbs. (kg)	3,010 (1365)	4,370 (1982)	4,790 (2173)

MODULAR DISC CUTTERBAR

Number of discs	10	12	14
Maximum disc speed, RPM	3,000		
Number of Reversible, swingaway knives	20 (2 per disc)	24 (2 per disc)	28 (2 per disc)
Knife tip speed, mph (kph).....	187 (301)		
Flotation.....	Hydraulic adjustment from windrower cab		
Cutting angle and height	Standard hydraulic control, from 2 to 12 degrees (minimum: 0.6 in. [15 mm]) with standard skid shoes*	Standard hydraulic control, from 2 to 12 degrees (minimum: 0.85 in. [22 mm]) with standard skid shoes*	Standard hydraulic control, from 1 to 12 degrees (minimum: 0.85 in. [22 mm]) with standard skid shoes**
Transport height—bottom of skid shoes, in. (mm)	24.5 (622)	29.6 (754)	29.6 (754)
Hood Liner	High density, impact-resistant polyethylene.....		

CONDITIONER (removable)

Type	Chevron-design, intermeshing molded rubber rolls.....		
Length, in. (m).....	102 (2.6).....		
Roll speed, RPM	920	923	923
Roll pressure	Torsion-bar roll pressure system adjusts with a single crank, rolls separate automatically on-the-go to allow thick material to pass		
Roll gap	Adjustable stop-bolt		
Windrow/swath width, in. (mm).....	38 - 96 (965-2438).....		

AUGER

Type	NA	Floating	Floating
Diameter, in. (mm)	NA	20 (508)	20 (508)
Flighting depth, in. (mm)	NA	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 marker kit
- Slotted-steel conditioning bundle
- Gauge wheels
- Push bar
- Closure kit

New Holland HB Series Draper Header Specifications

21HB 25HB 30HB 36HB



MODEL	21HB	25HB	30HB	36HB
VERSIONS AVAILABLE				
Single-knife drive, standard deck		X	X	
Single-knife drive, double swath		X	X	
Double-knife drive, standard deck		X	X	X
Double-knife drive, double swath	X	X	X	
HEADER				
Cutting width, ft. (m)	21 (6.4)	25 (7.6)	30 (9.1)	36 (11)
Approximate weight (includes reel), lbs. (kg)	3,465 (1570)	3,545 (1608)	4,255 (1930)	4,970 (2254)
Cutting height (minimum), in. (mm)			1.0 (25)*	
Standard deck center windrow width opening, in. (m)	NA	80 (2.03)	80 (2.03)	80 (2.03)
Double swath center windrow width opening, in. (m)	50 (1.27)	54 (1.37)	50 (1.27)	NA
Transport height, in. (m)		40 (1.02) 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	2	1 or 2	1 or 2	2
Sickle speed - strokes per minute	1400			
Sickle stroke, in. (mm)	3.31 (84)			
Hay guards	Standard			
REELS				
Type	Pick-up with steel or plastic fingers			
Speed range, RPM	0-42			
Drive, cu. in. (L)	Direct hydraulic drive w/45 (.74) motor			
Hydraulic reel fore/aft adjustment	Standard	Optional	Optional	Standard
DRAPER BELTS				
Belt width and construction, in. (m)	.42 (1.07) rubberized polyester belt with fiberglass reinforcement, tie bar end connection			
Speed range, ft. (m)	0-426 (130)/minute			
Remote canvas-speed control	Standard			
Angle, degrees	10 to 20			
Double swath shift means	Hydraulic	Hydraulic	Hydraulic	NA

* with 18.4 x 26 drive tires

OPTIONS (factory-installed)

- Steel or poly cutterbar skid plates
- End-gauge wheels
- Castoring gauge wheels
- Slow speed header transport kit
- Cross auger kit

Visit our Web site at www.newholland.com/na. Or, call toll-free **866-NEW-HLND (866-639-4563)**.

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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.