

New
WR 9800 Series

SP Windrowers

HESSTON
by MASSEY FERGUSON

Hay's best windrower just got even better.



The new WR 9800 Series. Quality hay 2.0.

North America's largest hay producers agree – our cutting-edge Hesston WR Series windrowers are hard to beat. But we keep trying. After all, that's what Hesston has always been about – tirelessly working to find new ways to help you produce higher quality hay.

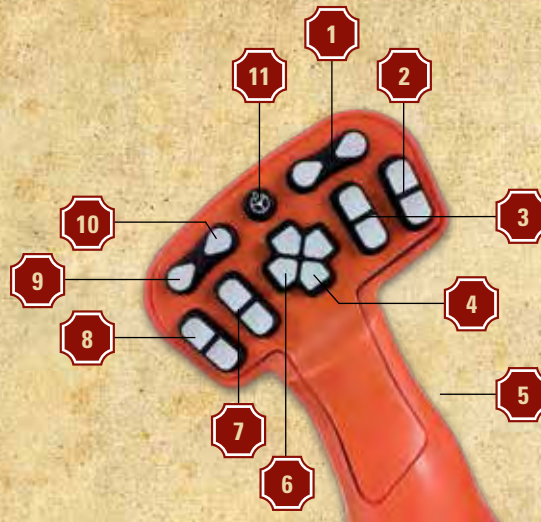
The innovative features we introduced on the original WR Series already make it far and away the category leader. Things like the V-Cool™ System with an auto-reverse fan. Our adjustment-free GlideRider™ Rear Axle Suspension system.

A Semi-Active Air Suspension Seat that reads and adjusts to field conditions. And field speeds of up to 17 mph. But now we've added even more features to increase productivity.



New, Improved Control Handle

- 1** Configure with any "B" function.
- 2** Configure with any "A" function.
- 3** Configure with any "A" function.
- 4 Reel Height**
Configure with any "A" function.
- 5 Powershift**
Up/down trigger buttons on rear of handle.
- 6 Reel Speed**
Configure with any "A" function.
- 7 Header Tilt**
Configure with any "A" function.
- 8 Header Up/Down**
- 9 Monitor Scroll**
Configure with any "B" function.
- 10** Configure with any "B" function.
- 11 AutoGuide**
Engage button.



Made of rugged plastic that won't get hot in summer or cool in winter, this ergonomic new handle can be programmed to meet your specific needs.

"A" Functions

- ✧ Reel fore/aft
- ✧ Reel height increase/decrease
- ✧ Reel speed increase/decrease
- ✧ DWA deflector up/down
- ✧ Left flotation pressure increase/decrease
- ✧ Right flotation pressure increase/decrease
- ✧ Master flotation pressure increase/decrease
- ✧ Master flotation pressure increase/decrease
- ✧ Header speed increase/decrease
- ✧ Header tilt forward/rearward
- ✧ Swathboard up/down

"B" Functions

- ✧ Monitor scroll
- ✧ DWA lock up
- ✧ Auxiliary pump on/off
- ✧ Automatic load control on/off
- ✧ Flotation mode auto/manual

SP WINDROWER MODEL	WR9870	WR9860
Dimensions and Weight		
Type	Hydraulic with independent left/right adjustable computer control	
Length overall w/out header in. (mm)	199.7 (5,074)	
Wheelbase in. (mm)	137 (3,482)	
Height - top of cab in. (mm) (23.1-26 Turf Tires)	137.8 (3,501)	
Tread width drive tires in. (mm)	130.7 (3,320)	
Tread width tail wheels min. in. (mm)	84 to 129 in 9" increments (2,135 to 3,277)	
Tread width tail wheels max. in. (mm)	129 (3,278)	
Weight (approximate) w/out header lb. (kg)	11,420 (5,180)	11,305 (5,127)
Speed (approximate)		
Field range mph (km/h)	0 to 17.5 (0 to 28)	
Road range mph (km/h) (optional)	0 to 22 (0 to 35)	
Engine		
Model	AGCO Power™ 66 CTA T4F	AGCO Power™ 49 CTA T4F
Horsepower (kW)	225 (165)	195 (145)
Displacement cu in. (L)	403 (6.6)	299 (4.9)
Fuel tank capacity US GAL (L)	130 (492)	
Ground Drive System		
Type	Double planetary gear reduction	
Tandem pump	Sauer Danfoss H1 Axial Piston Pump	
Motors	Info to come	
Flotation System		
Type	Hydraulic with independent left/right adjustable computer control	
Tires		
Drive wheels	23.1-26 Bias Turf (R3) 23.1-26 Radial Turf (R3) 620/75R26 Radial Bar (R1)	
Tail wheels	14L-16.1, 8-ply implement rib 16.5L-16.1, 10-ply implement rib	



New Features

We've fine-tuned the WR Series with touches like an extra step on the ladder and a new, larger platform for easier entry and exit, plus room to spare while fueling. We've also relocated the tool box and DEF tank to provide additional crop and windrow clearance.

DRAPER HEADER MODEL	5200
Dimensions and Weight	
Overall width Center delivery and double swath model	
18 ft. (5.5 m) in. (m)	230 (5.84)
22 ft. (6.7 m) in. (m)	278 (7.06)
25 ft. (7.6 m) in. (m)	314 (7.98)
30 ft. (9.1 m) in. (m)	374 (9.50)
36 ft. (10.92 m) in. (m)	446 (11.33)
Width of Cut	
Center delivery and double swath model	
18 ft. (5.5 m) in. (m)	219 (5.56)
22 ft. (6.7 m) in. (m)	267 (6.78)
25 ft. (7.6 m) in. (m)	303 (7.70)
30 ft. (9.1 m) in. (m)	363 (9.22)
36 ft. (10.92 m) in. (m)	432 (10.98)
Weight with Reel lb / (kg) approximate	
18 ft. (5.5 m) center delivery	2,300 (1,043)
22 ft. (6.7 m) center delivery	2,750 (1,247)
25 ft. (7.6 m) center delivery	3,100 (1,406)
30 ft. (9.1 m) center delivery	3,700 (1,678)
36 ft. (10.92 m) center delivery	4,392 (1,992)
22 ft. (6.7 m) shiftable draper	2,850 (1,293)
25 ft. (7.6 m) shiftable draper	3,200 (1,451)
30 ft. (9.1 m) shiftable draper	3,800 (1,724)
Weight without Reel / lb (kg) approximate	
18 ft. (5.5 m) center delivery	1,800 (816)
22 ft. (6.7 m) center delivery	2,150 (975)
25 ft. (7.6 m) center delivery	2,400 (1,089)
30 ft. (9.1 m) center delivery	2,900 (1,315)
36 ft. (10.92 m) center delivery	3,456 (1,568)
22 ft. (6.7 m) shiftable draper	2,250 (1,021)
25 ft. (7.6 m) shiftable draper	2,500 (1,134)
30 ft. (9.1 m) shiftable draper	3,000 (1,316)
Header	
Drive - draper and reel	Hydraulic
Guard angle (4 cylinder tractors, adjustable)	9° to 19°
Guard angle (6 cylinder tractors, adjustable)	4° to 18°
Flotation	Hydraulic
Size of opening with draper inserts	
Max. in. (mm)	54 (1,372)
Min. in. (mm)	42 (1,067)
Size of opening without draper inserts	
Max. in. (mm)	70 (1,778)
Min. in. (mm)	54 (1,372)
Cutterbar	
Speed spm (cpm)	1,300 (650)
Stroke in. (mm)	3.13 (79.38)
Drive	Inline gearbox
Guard spacing in. (mm)	3 (76)
Number of sickles	One
Draper	
Drive	Hydraulic
Speed (adjustable from cab) ft/min (m/min)	0 to 600 (0 to 183)
Width in. (mm)	41 (1,041)
Type	Rubberized draper w/reinforced slats

RAZORBAR DISC HEADER MODEL	MF9183	MF9195	MF9196
Dimensions and Weight			
Width (overall) in. (mm)	159 (4,039)	195 (4,963)	
Weight (with forming shields) lb. (kg)	4,025 (1,825)	4,780 (2,168)	
Header			
Header drive	Dual hydraulic motors		
Input shaft speed - max. rpm	2,600		
Header lift range in. (mm) to in. (mm)	Radial and vertical hydraulic, adjustable from cab		
Header flotation	Hydraulic, adjustable from cab		
Header tilt	0° to 10°		
Header angle	0° to 10°		
Cutterbed			
Cutting width in. (mm)	156 (3,962)	192 (4,895)	
Cutting height in (mm)	.75 to 3 (19 to 76)		
Number of discs	8	10	
Number of knives	16	20	
Disc speed - max. rpm	2,600		
Tip speed - max. mph (km/h)	189 (304)		
Cutterbed design	Modular spur gears		
Cutterbed oil capacity qt (L)	6 (5.7)		
Knives	18 degree bottom bevel		
Knife circle diameter in. (mm)	24.5 (622)		
Knife tip speed mph (kph)	189 (304)		
Hay Conditioner			
Type	Herringbone, steel on steel		
Conditioner rolls	2	4	
Length in. (mm)	110 (2,794)		
Steel diameter in. (mm)	7.75 (197)		
Speed - max. rpm	1,290		
Min. windrow width in. (mm)	40 (1,016)		
Max. windrow width in. (mm)	96 (2,438)		
Roll tension adjustment	Hydraulic with accumulator		



SICKLE HEADER MODEL	9126	9146
Dimensions and Weight		
14' (4.3) Header		
Width of cut in. (mm)	168 (4,276)	168 (4,276)
Width (overall) in. (mm)	188.4 (4,786)	188.4 (4,786)
Weight (less forming shields) lb. (kg)	3,850 (1,746)	4,940 (2,240)
16' (4.3m) Header		
Width of cut in. (mm)	192 (4,877)	192 (4,877)
Width (overall) in. (mm)	212.4 (6,005)	212.4 (6,005)
Weight (less forming shields) lb. (kg)	4,100 (1,860)	5,210 (2,363)
18' (5.5m) Header		
Width of cut in. (mm)	216 (5,486)	N/A
Width (overall) in. (mm)	236.4 (6,005)	N/A
Weight (less forming shields) lb. (kg)	4,400 (1,996)	N/A
Header		
Header drive	Hydraulic	
Header flotation	Hydraulic adjustable	
Reel		
Bats	5	
Diameter in. (mm)	42 (1,067)	
Drive	Belt & chain	
Speed rpm	72 - 83	
Sickle		
Speed spm (cpm)	1,840 (920)	
Stroke in. (mm)	3 (76.2)	
Guard angle (adjustable)	5° to 12°	
Drive	Timed gearboxes	
Number of sickles	2	
Augers		
Type	Dual, opposed rotation	
Upper auger diameter in. (mm)	9 (229)	
Lower auger diameter in. (mm)	10 (254)	
Upper auger speed rpm	368	
Lower auger speed rpm	585	
Hay Conditioner		
Type	Herringbone, steel on steel	
Conditioner rolls	2	4
Length in. (mm)	110 (2,794)	
Steel diameter in. (mm)	7.75 (197)	
Rubber diameter in. (mm)	8 (203)	
Speed - max. rpm	1,026	
Min. windrow width in. (mm)	40 (1,016)	
Max. windrow width in. (mm)	96 (2,438)	

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