

2014 Product Comparison

GLEANER / S33 S78 S68
OPTIMUM HARVESTING PERFORMANCE

Make/Model	Gleaner S67	Gleaner S68	Gleaner S77	Gleaner S78	Gleaner S88
Class Size	VI		VII		VIII
Feeding System	4-Strand	4- Strand	4 - Strand	4- Strand	4- Strand
Chain Size	#557 Serrated	#557 Serrated	#557 Serrated	#557 Serrated	#557 Serrated
Variable Speed Drive	Available	Available	Available	Available	Available
Feed Reverser	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Housing Width in.(mm)	39.5 (1,003)	39.5 (1,003)	39.5 (1,003)	39.5 (1,003)	39.5 (1,003)
Smartrac™ Lateral Tilt	Standard	Standard	Standard	Standard	Standard
Threshing/Seperation System					
System	Transverse Rotor	Transverse Rotor	Transverse Rotor	Transverse Rotor	Transverse Rotor
Concave Type	4 Section with 17 Bars	4 Section with 17 bars	4 Section with 17 bars	4 Section with 17 bars	4 Section with 17 bars
Concave Wrap	87°	87°	87°	87°	87°
Rock Protection	Stone Trap	Stone trap	Stone trap	Stone trap	Stone trap
Rotor /Cylinder/Threshing					
Bars, type	Chrome Reversible	Chrome Reversible	Chrome Reversible	Chrome Reversible	Chrome Reversible
Diameter in. (mm)	30 (762)	30 (762)	30 (762)	30 (762)	30 (762)
Length in. (mm)	88 (2,235)	88 (2,235)	88 (2,235)	88 (2,235)	88 (2,235)
Degrees of separation	360°	360°	360°	360°	360°
Speed, low-range rpm	200-524	180-480	200-524	180-480	180-480
Speed, high-range rpm	418-1,096	336-900	418-1,096	336-900	336-900
Concave Area in.(m ²)	960 (0.61)	960 (0.61)	960 (0.61)	960 (0.61)	960 (0.61)
Threshing & Separation area in.(m ²)	6,047 (3.89)	6,047 (3.89)	6,047 (3.89)	6,047 (3.89)	6,047 (3.89)
Cleaning System					
Cleaning stages	2	2	2	2	2
Chaffer area in. ² (m ²)	3,889 (2.51)	3,889 (2.51)	3,889 (2.51)	3,889 (2.51)	3,889 (2.51)
Sieve area in. ² (m ²)	3,397 (2.19)	3,397 (2.19)	3,397 (2.19)	3,397 (2.19)	3,397 (2.19)
Total area in. ² (m ²)	7,729 (4.99)	7,729 (4.99)	7,729 (4.99)	7,729 (4.99)	7,729 (4.99)
Cleaning fan	Transverse	Transverse	Transverse	Transverse	Transverse
Speed rpm	1,250	1,250	1,250	1,250	1,250
Diameter in. (mm)	13 (330)	13 (330)	13 (330)	13 (330)	13 (330)
Grain Handling System					
Tailings return to rotor	Standard	Standard	Standard	Standard	Standard
Grain Tank capacity bu.(L)	390 (13,743)	390 (13,743)	390 (13,743)	390 (13,743)	390 (13,743)
Unloading Auger					
Diameter in.(mm)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)
Unloading rate bu./sec (L/s)	4.0 (141)	4.0 (141)	4.0 (141)	4.0 (141)	4.0 (141)
Length from centerline in. (mm)	275(6.985)	298(7.56)	275(6.985)	298(7.56)	298(7.56)
Discharge height in.(m)	185.5(4.712)	185.5(4.712)	185.5(4.712)	185.5(4.712)	185.5(4.712)
Clearance height in.(m)	169.5(4.305)	169.5(4.305)	169.5(4.305)	169.5(4.305)	169.5(4.305)
Crop Residue Disposal					
Chopper	2-Speed	2-speed	2-Speed	2-speed	2-speed
Straw Spreader -Standard	Hydraulic Variable Speed	Hydraulic Variable speed	Hydraulic Variable Speed	Hydraulic Variable speed	Hydraulic Variable speed
Hydraulic Chaff spreader	Optional	Standard	Optional	Standard	Standard
Engine					
Model	AGCO Power 84CWA-4V	AGCO Power 84AWF	AGCO Power 84 CWA-4V	AGCO Power 98AWF	AGCO Power 98AWF
Displacement in. ³ (L)	513 (8.4)	513 (8.4L)	513 (8.4L)	598 (9.8L)	598 (9.8L)
Turbochargers	Single	Dual	Single	Dual	Dual
No. of Cylinders	6	6	6	7	7
Rated Power @ 2,100 RPM (Kw)	314 (234)	322(240.1)	370 (276)	375 (279.6)	430(320.6)
Maximum Boost Power(Kw)	344 (257)	398(296.7)	398 (297)	451(336.3)	471(351.2)
Fuel Tank Capacity	150 (568)	230(870.6)	150 (568)	230(870.6)	230(870.6)
DEF tank capacity	24.5 (92.7)	24.5(92.7) (Swingout)	24.5 (92.7)	24.5(92.7) (Swingout)	24.5(92.7) (Swingout)
Drive/Propulsion System					
Transmission(Standard)	4 speed trans. w/single speed Hydrostatic	4 speed trans. w/single speed Hydrostatic	4 speed trans. w/single speed Hydrostatic	4 speed trans. w/single speed Hydrostatic	4 speed trans. w/single speed Hydrostatic
XR™Transmission(Optional)	N/A	4-speed trans. w/2 speed Hydrostatic	N/A	4-speed trans. w/2 speed Hydrostatic	4-speed trans. w/2 speed Hydrostatic
Final Drive type	Spur Gear S-41	Spur gear- S42	Spur Gear S-41	Spur gear- S42	Spur gear- S42
Tread width standard/reversed in.(m)	120/145(3.05/3.68)	120/145(3.05/3.68)	120/145(3.05/3.68)	120/145(3.05/3.68)	120/145(3.05/3.68)
Steering Axle					
Tread width adjustable axle in.(m)	119/143(3.02/3.65)	119/143(3.02/3.65)	119/143(3.02/3.65)	119/143(3.02/3.65)	119/143(3.02/3.65)
Tread width -RWA in.(m)	126/144(3.20/3.65)	126/144(3.20/3.65)	126/144(3.20/3.65)	126/144(3.20/3.65)	126/144(3.20/3.65)
Steering type	Dual cylinder	Dual cylinder	Dual cylinder	Dual cylinder	Dual cylinder
Turning radius in.(m)	270(6.85)	270(6.85)	270(6.85)	270(6.85)	270(6.85)
Hydraulic System					
Hydraulic pump	Gear	Gear	Gear	Gear	Gear
Control Valve	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Tank capacity gal(L)	13(49.2)	13(49.2)	13(49.2)	13(49.2)	13(49.2)
Cab and Controls					
Seat (Standard/Optional)	Luxury/Air Ride	High back/air-ride cloth/ Premier™ Heated and Cooled	Luxury/Air Ride	High back/air-ride cloth/ Premier™ Heated and Cooled	High back/air-ride cloth/ Premier™ Heated and Cooled
Steering Wheel	Tilt/Telescoping	Tilt/Telescoping	Tilt/Telescoping	Tilt/Telescoping	Tilt/Telescoping
Controls	Right Hand Console	Right hand console	Right Hand Console	Right hand console	Right hand console
Interior volume ft. ³ (m ³)	121.4 (3.44)	121.4(5.69)	121.4 (3.44)	121.4(5.69)	121.4(5.69)
Glass area ft. ³ (m ³)	61.2(5.69)	61.2(5.69)	61.2(5.69)	61.2(5.69)	61.2(5.69)
Dimensions					
Transport height in.(m)	141 (3.68)	141(3.58)	141(3.68)	141(3.58)	141(3.58)
Length w/o header in.(m)	338 (8.606)	339 (8.61)	338 (8.606)	339 (8.61)	339 (8.61)
Wheelbase	134(3.40)	134(3.40)	134(3.40)	134(3.40)	134(3.40)
Base weight with tires lbs.(kg)	29,940 (13,580)	31,920 (14,479)	29,940 (13,580)	32,220 (14,615)	32,220 (14,615)
Ground Clearance in.(mm)	23.5 (596.9)	23.5(596.9)	23.5 (596.9)	23.5(596.9)	23.5(596.9)