

Specifications:

MANUFACTURER	John Deere	John Deere	John Deere	John Deere	John Deere
MODEL	9570 STS	9670 STS	9770 STS	9870 STS	T670
Headers					
Platforms	15 ft, 20 ft, 22 ft, 25 ft, 30 ft	25 ft, 30 ft, 35 ft, 40 ft	25 ft, 30 ft, 35 ft, 40 ft, and Belt Pick Up	25 ft, 30 ft, 35 ft, 40 ft, and Belt Pick Up	25', 30', 36' and 615 Belt pick-up
Row-Crop Heads	---	---	---	---	---
Corn Heads	4 Wide, 6 Wide, 6 & 8 Narrow	12 Narrow, 8 Wide	12 Narrow, 8 Wide	12 Narrow, 8 Wide	---
Feeding					
Drive	Fixed or Variable	Fixed or Variable	Fixed or Variable	Fixed or Variable	Fixed
Conveyor	Under-shot slat	Under-shot slat	Under-shot slat	Under-shot slat	Under-shot slat
Width	44-in. (1120 mm)	55-in. (1397 mm)	55-in. (1397 mm)	55-in. (1397 mm)	65.6-in (1664mm)
Length	68-in. (1727 mm)	68-in. (1727 mm)	68-in. (1727 mm)	68-in. (1727 mm)	78-in (1981mm)
Fixed Speed	---	520 rpm	520 rpm	520 rpm	520 rpm
Variable Speed	520 to 780 rpm	520 to 780 rpm	520 to 780 rpm	520 to 780 rpm	---
Reverser	Standard	Standard	Standard	Standard	Mechanical-hydraulic; std.
Threshing					
Cylinder/Rotor Dia. Width	24-in. x 123-in. (600 mm x 3130 mm)	30-in. x 123-in. (750 mm x 3130 mm)	30-in. x 123-in. (750 mm x 3130 mm)	30-in. x 123-in. (750 mm x 3130 mm)	26-in x 66-in (660mm x 1670mm)
Cylinder/Rotor Speed Range-Single	---	---	---	---	---
Cylinder/Rotor Speed Range-Dual	230 to 1300 rpm	210 to 1000 rpm	210 to 1000 rpm	210 to 1000 rpm	240 to 990 rpm
Concave Area	1395 sq. in. (.9 m2)	1705 sq. in. (1.1 m2)	1705 sq. in. (1.1 m2)	1705 sq. in. (1.1 m2)	1937 sq in (1.25 m2)
Number of concave bars	---	---	---	---	13
Number of rasp bars	---	---	---	---	10
Over-shot beater diameter - in. (mm)	---	---	---	---	15.7-in (400mm)
Over-shot beater speed - ft/sec (m/sec)	---	---	---	---	31.2 ft/sec (9.5 m/sec)
Beater Grate Area	---	---	---	---	775 sq in (0.5 m2)
Tine Separator and Separator Concave					
Tine separator diameter - in. (mm)	---	---	---	---	26-in (660mm)
Tine separator speed - ft/sec (m/sec)	---	---	---	---	49.2 to 98.4 ft/sec (15 to 30 m/sec)
Separating					
Separator Type	Rotary	Rotary	Rotary	Rotary	6 Walker
Separator Length	---	---	---	---	128-in (3.25m)
Separating Area	2016 sq. in. (1.3 m2)	2390 sq. in. (1.54 m2)	2390 sq. in. (1.54 m2)	2390 sq. in. (1.54 m2)	13,578 sq in (8.76 m2)
Discharge Grate Area	464 sq. in. (.3 m2)	555 sq. in. (0.36 m2)	555 sq. in. (0.36m2)	698 sq in (.45 m2)	---
Cleaning System					
Pre-Cleaner	1209 sq. in. (.78 m2)	1519 sq. in. (0.98 m2)	1519 sq. in. (0.98 m2)	2698 sq. in. (1.74 m2)	1,999.5 sq in (1.29m2)
Chaffer/Extension Area	2309 sq. in. (1.49 m2)	2934 sq. in. (1.89 m2)	2934 sq. in. (1.89 m2)	2934 sq. in. (1.89 m2) or 2708 sq in (1.75 m2) with Self-Leveling	1,999.5 in (1.29m2)
Sieve Area	1977 sq. in. (1.28 m2)	2511 sq. in. (1.62 m2)	2511 sq. in. (1.62 m2)	2511 sq. in. (1.62 m2) or 2383 sq in (1.54 m2) with self-leveling	2,805 sq in (1.81 m2)
Total Cleaning Area	5495 sq. in. (3.55 m2)	6964 sq. in. (4.49 m2)	6964 sq. in. (4.49 m2)	8143 sq. in. (5.25 m2) or 7789 sq in (5.03 m2) with Self-Leveling	7,719 sq in (4.98 m2)
Cleaning Fan Speed	620 to 1200 rpm	620 to 1200 rpm	620 to 1200 rpm	620 to 1250 rpm	750-1,600 rpm
Self-Leveling	---	---	---	Optional	---
Engine					
Type	John Deere 6-cyl. 6.8 L	John Deere 6 cyl. 9.0 L	John Deere 6-cyl. 9.0 L	John Deere 6-cyl 13.5 L	6090HZ003D
Displacement	414 cu. in. (6.8 L)	548 cu. in. (9.0 L)	548 cu. in. (9.0 L)	824 cu in (13.5 L)	548 cu. in (9.0 L)
Cooling	Air-to-Air Aftercooler	Air-to-Air Aftercooler	Air-to-Air Aftercooler	Air-to-Air Aftercooler	Air-to-Air Aftercooler
Rated Speed	2300 rpm	2200 rpm	2200 rpm	2200 rpm	2200
Horsepower	265	305	360	440	360 hp
Horsepower with Power Boost	298	338	385	471	393 hp
Grain Handling					
Grain Tank Size	250 bu. (7800 L)	250 bu. (8800 L) or 300 bu. (10,600 L) optional	300 bu. (10600 L)	300 bu. (10,600 L)	300 bu. (11,000 L)
Unloading Auger Length	18.5-ft. or 21.5-ft. optional	21.5-ft, 22.5-ft or 26-ft with high unload rate	21.5-ft, 22.5-ft or 26-ft with high unload rate	22.5-ft or 26-ft with high unload rate	21.5 ft (6.5 m)
Unloading Rate	2.2 bu./sec. (77.5 L/sec.)	2.2 bu./sec. or 3.3 bu./sec. optional	3.3 bu./sec.	3.3 bu/sec	2.2 bu/sec
Unloading Discharge Height	13-ft. 3-in. (4.07 m) or 14-ft. (4.28 m)	14-ft. 3-in. (4.35 m)	14-ft. 3-in. (4.35 m) or 14-ft. 4-in. (4.37 m)	14-ft. 4-in. (4.37 m)	14-ft 1-in (4.31 m)
Capacities					
Fuel Capacity	200 gal. (757 L)	250 gal. (945 L)	250 gal. (945 L)	305 gal (1,155 L)	211.3 gal (800 L)
Transport Height (in the field position)	14-ft. 10-in. (4.52 m)	14-ft. 10-in. (4.52 m)	14-ft. 10-in (4.52 m)	14-ft. 9-in. (4.53 m)	12-ft 9-in (3.96 m)
Base Weight-Less Head					
Grain	---	---	---	---	30,070 lb (15,000 kg)
Corn	29,945 lb. (13583 kg)	32,661 lb. (14815 kg)	32765 lb. (14862 kg)	36,114 lb. (16381 kg)	---
Country of Manufacture					

Specifications are based on published information at the time of publication. Specifications are subject to change without notice. Contact your local John Deere dealer for more information.

Go to http://www.deere.com/en_US/ProductCatalog/FR/category/FR_COMBINES.html for further information