John Deere operator's manual OMH229937 - 9870 STS Combine (S.N. 725101-) - Specifications (source: http://manuals.deere.com/omview/OMH229937_19/)

Specifications

NOTE: Specifications and design subject to change without notice.

Engine	
Make	John Deere
Model	6135HH001 6135HH002 (Export)
Type	six-cylinder, in line, valve-in-head, air-to-air aftercooled diesel turbocharged
Rated Power at 2200 rpm	328 kW (440 hp)
Rated Power at 2200 rpm (Intelligent Power Management)	358 kW (480 hp)
Power Bulge at 2100 rpm	351 kW (471 hp)
Power Bulge at 2100 rpm (Intelligent Power Management)	383 kW (514 hp)
Power Boost	353 kW (473 hp)
Power Boost (Intelligent Power Management)	383 kW (513 hp)
Displacement	13.5 L (824 cu. in.)
Firing Order	1-5-3-6-2-4
Air Cleaner	Dry-type with safety element

Electrical System	
Type	12 volt, negative ground with 200 amp alternator

Transmission	
Speeds	Three Speeds

Brakes	
Type	Hydraulic Shoe

Feed Accelerator	
Number of Wings	10

Separator Elements	
Threshing Elements	Corn/Small Grain 15 Rice Option 24
Tines	24

Concave	
Number of Concaves	3
Number of Bars Per Concave	Grain-Front 25, Mid/rear 25; Corn 31

Separating	
Number of Grates	4

Discharge Grate	
Number of Grates	1

Discharge Beater	
Number of Wings	10

Grain Tank	
Capacity	10570 L (300 bu.)
Average Unloading rate	6977 L/min (198 bu/min)
Maximum Unloading rate	7612 L/min (216 bu/min)

Weight	
Corn Combine - less header	16,381 kg (36,120 lbs)

Turning Radius	
Rear Wheel Tread Width	3.3 m (10 ft. 10 in.)
Turning Radius (Non-Powered Axles)	7.73 m (25 ft. 4 in.)
Turning Radius (Powered Axles)	8.19 m (26 ft. 9 in.)

Capacities	
Fuel Tank	1,155 L (305 gal)
Cooling System w/heater	65 L (68.7 qts)
Engine Crankcase w/filter	42 L (44.3 qts)
Transmission	9.6 L (10 qts)
Final Drives	8 L (8.5 qts)
Extra Heavy Duty Feeder House Reverser Gearcase w/o cooler	3.6 L (7.7 pts)
Multi-Speed Feeder House Reverser Gearcase w/ cooler (optional)	5.2 L (11 pts)
Countershaft Drive Gearcase	1.2 L (2.5 pts)
Loading Auger Gearcase	3.8 L (4 qts)
Two Speed Separator Drive Gearcase	4.7 L (5 qts)

Engine Gearcase w/transfer (Non Multi-Speed Feeder House Drive)	21.3 L (22.5 qts)
Engine Gearcase w/transfer (Multi-Speed Feeder House Drive)	30.3 L (32.0 qts)
Hydraulic/Hydrostatic Reservoir	35 L (37 qts)