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	Model	Hours	Price
John Deere	9430	5122	\$ 215,465
	9430	4641	\$ 213,809

ENGINE	
Make	John Deere turbocharged aftercooled diesel
Model	9430
Peak rated power	425 hp
Number of cylinders	6
Displacement	13.5L 826.7 cu in.
Bore/Stroke	5.197x6.496 inches [132 x 165 mm]
Power	425 hp [316.9 kW]
Air cleaner	aspirator and dual paper elements
Compression	16.0 1
Rated RPM	2100
Starter volts	12
Oil capacity	44 qts [41.6 L]
Coolant capacity	70 qts [66.2 L]

TRANSMISSION	
Transmission	John Deere PowrSync
Type	partial power shift
Gears	24 forward and 4 reverse
Clutch	Hydraulic wet disc
Three gears (1-3) in four ranges (A-D) with high-low power shift. Gears and range shifts are synchronized using the clutch.	

3-POINT HITCH	
Rear Type	4N/3 4N/4

Rear lift (at 24"/610mm)	15,300 lbs [6940 kg]
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POWER TAKE-OFF (PTO)	
Rear PTO	Independent (optional)
Rear RPM	1000 (1.75)
Clutch	electro-hydraulic wet disc
Drawbar	Category 4 standard with secondary chain support. Optional reinforcement up to 11,000 pounds. Optional 12,000 pounds Category 5 drawbar, not available with 3-point hitch or PTO.

MECHANICAL	
Chassis	4x4 articulated 4WD
Differential lock	hydraulic differential lock optional
Steering	hydrostatic power
Brakes	hydraulic wet discs
Trailer brakes	hydraulic optional
Cab	Command View Cab standard with air-conditioning. Optional automatic climate control and leather trim

HYDRAULICS	
Type	closed center pressure flow compensated
Capacity	27 gal [102.2 L] 28 gal [106.0 L] (3-point) 20 gal [75.7 L] (high-flow) 31 gal [117.3 L] (high-flow and 3-point)
Pressure	2900 psi [200.0 bar]
Valves	4 to 6
SCV flow	30 gpm [113.6 lpm]
PowrSync Total flow	44 gpm [166.5 lpm]
PowerShift Total flow	48 gpm [181.7 lpm]
Hi-Flow Total flow	78 gpm [295.2 lpm]

DIMENSIONS	
Weight (shipping)	35,530 lbs [16116 kg]
Weight (operating)	38,600 lbs [17508 kg] (480/80R46 triples)
Length	270 inches [685 cm] 285 inches [723 cm] (with 3-point)
Width	118.6 inches [301 cm]
Height (hood)	107 inches [271 cm]
Height (cab)	142 inches [360 cm]
Height (exhaust)	156 inches [396 cm]
Hinge pin Ground clearance	20.5 inches [52 cm]

Clearance (rear axle)

30.8 inches [78 cm]

Rear axle

4.331 by 120 inches [110x3048 mm]

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