

9R/9RT Series

360- to 560-Horsepower Tractors



2012 9R Series Tractors

	9360R	9410R	9460R	9510R	9560R	9460R Scraper Special	9510R Scraper Special	9560R Scraper Special
POWER (manufacturer's estimates)								
Rated engine hp (ISO) per 97/68/EC at 2,100 engine rpm	360 hp (265 kW)	410 hp (302 kW)	460 hp (338 kW)	510 hp (375 kW)	560 hp (412 kW)	460 hp (338 kW)	510 hp (375 kW)	560 hp (412 kW)
Maximum engine hp (ISO) per 97/68/EC at 1,900 engine rpm	396 hp (291 kW)	451 hp (332 kW)	506 hp (372 kW)	561 hp (413 kW)	616 hp (453 kW)	506 hp (372 kW)	561 hp (413 kW)	616 hp (453 kW)
Rated PTO hp at 1,895 engine rpm	287 hp (214 kW)	319 hp (238 kW)*	319 hp (238 kW)*	319 hp (238 kW)*	319 hp (238 kW)*	—	—	—
Torque rise (nominal engine) at 1,600 rpm	40%				38%			
Power bulge (nominal engine) at 1,900 rpm	10%				10%			
ENGINE								
Description	John Deere PowerTech PSX 9.0 L Engine: diesel, in-line, 6-cylinder, wet-sleeve with 4 valves-in-head		John Deere PowerTech PSX 13.5 L Engine: diesel, in-line, 6-cylinder, wet-sleeve with 4 valves-in-head					
Rated speed	2,100 rpm							
Aspiration	Dual-series turbocharger with fixed geometry first stage, variable geometry second stage; air-to-air aftercooling and cooled exhaust gas recirculation							
Filter, engine air	Dual stage							
Displacement	548 cu. in. (9.0 L)		824 cu. in. (13.5 L)					
Bore and stroke	4.66 in. (118.4 mm) x 5.35 in. (136 mm)		5.2 in. (132 mm) x 6.5 in. (165 mm)					
Compression ratio	16:1							
Lubrication	Full-pressure, full-flow filtration with bypass							
Filter, oil	Cartridge-style oil filter		Spin-on oil filter					
FUEL SYSTEM								
Description	Electronically controlled, high-pressure common-rail with electric fuel transfer pump (self priming)		Electronically controlled unit injectors (self priming)					
Filter system	Two-stage with water separator and service-indicator light							
Filter, primary	10 micron replaceable cartridge with water indication sensor and drain							
Filter, secondary	2 micron spin-on element							
Fuel-tank capacity	350 U.S. gal. (1325 L)							
Required fuel type	Ultralow sulfur diesel (B20 diesel compatible)							
TRANSMISSIONS								
24-speed manual shift, 25 mph (40 km/h), 24F 6R	Standard	Standard	Standard	—	—	—	—	—
18-speed PowerShift with Efficiency Manager, 25 mph (40 km/h), 18F 6R	Optional	Optional	Optional	Standard	Standard	Standard	Standard	Standard
ELECTRICAL SYSTEM								
Description	Three batteries in parallel							
Alternator/battery	200 amps/12 Volt							
Total cold-cranking amps	2775 (3-925CCA)							
FINAL DRIVES								
Description	Inboard planetary			Inboard planetary with double-reduction axle				
AXLES								
4.33 x 120 in. (110 x 3048 mm) diameter	Standard	Standard	—	—	—	—	—	—
4.72 x 120 in. (120 x 3048 mm) diameter	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard
WHEEL EQUIPMENT								
Tires	Group 47 and 48 tires available as singles/duals/triples							
DIFFERENTIAL LOCK								
Description	Full-locking electrohydraulic							

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