

JD14

300 – 510 kw (402 – 684 hp)



JOHN DEERE

Product highlights

Solid Performance.

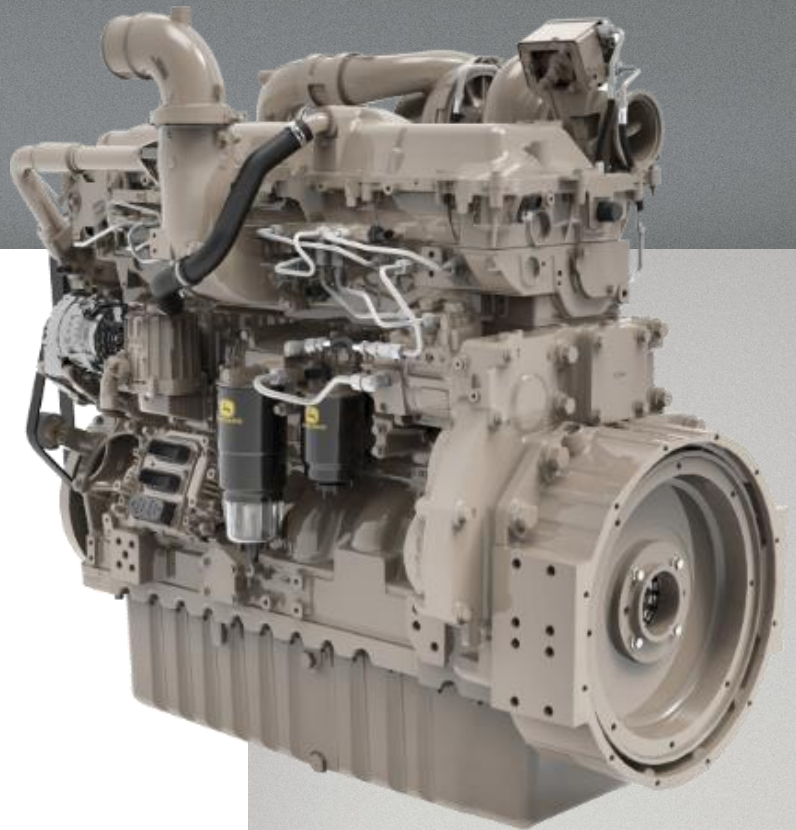
The JD14 engine provides more power per liter than previous 13.5L configurations. With 14% higher power and 11% increased peak torque, it allows your machines to work faster, lift more, and operate more efficiently than ever before. This engine has been shown to increase harvesting capacity by up to 45% on John Deere X Series Combines.

The JD14 engine features a rear drivetrain that reduces noise by up to 3 decibels compared to the 13.5L engine. That's half as loud, greatly improving operator comfort.

Easy to maintain. Low service costs.

John Deere engineers streamlined common maintenance steps on the JD14 engine. Hydraulic lash adjusters decrease valve wear and provide longer engine life while eliminating valve lash maintenance. An advanced control system analyzes sensor data to keep operators working without interruption.

Prognostic capabilities are built into the engine to help users identify potential problems and schedule service prior to downtime.



Field proven.

John Deere JD14 engines have been working more than 47,000 hours at high load in a variety of applications, including John Deere combines and sugar cane harvesters. Likewise, they've demonstrated more than 14,000 hours of torque and lugging power in tractor operations. So, when you install a John Deere JD14 engine in your application, you can be confident in the performance it delivers.

Many of these operating challenges were even more extreme than typically confronted in the field: repeating high to low loads to confirm thermal durability, block loading to show strength, and ultra-idling to demonstrate oil pressure capabilities.

JD14

Performance Data	
Rated power	300 – 510 kW (402 – 684 hp)
Rated speed	2100 rpm
Peak torque	3050 Nm (2250 lb-ft)
Continuous rating	436 kW (585 hp)

General Data	
Type	6 cylinders, in-line, 4-stroke, water-cooled
Bore & stroke	132 x 165 mm (5.2 x 6.5 in)
Fuel system	Electronic (HPCR)
Aspiration	Turbocharged, Air-to-air-aftercooled
Turbo	Single or dual
EGR	cEGR (external)
Dimensions (*LxWxH)	1446.23 x 890 x 1366 mm (56.9 x 35 x 53.8 in)
Weight	1468 kg (3237 lb) single turbo 1521 kg (3353 lb) dual turbo
Emission level	EU Stage V / EPA Final Tier 4

Preliminary information. Length measured without fan drive.

Specifications are subject to change. Dimensions may vary based on options selected.

Contact your John Deere engine distributor or dealer for more information

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