

JD14 & JD18 Marine Engines

298 – 599 kW (400 – 803 hp)

A NEW ERA IN POWER



Announcing the all-new John Deere JD14 and JD18 marine engines. They're built to take your marine propulsion, auxiliary, and generator applications to the next level.

POWERFUL PERFORMANCE.

JD14 engines have **higher duty cycles** and more power than John Deere 13.5L models.

JD18 engines are built for heavy-duty commercial marine applications up to 599 kW (803 hp).

High-pressure common-rail (HPCR) provides flexible injection timing and excellent efficiency.

MACHINE AVAILABILITY.

John Deere Connected Support™ remote monitoring and diagnostics comes standard. It provides protection and efficiency with no subscription fees or ongoing expenses.

John Deere JD14 and JD18 engines provide **excellent fuel economy**.

The JD18 has independent cooling for jacket water and aftercooling systems.

LOW MAINTENANCE.

Longer oil change service intervals up to 500 hours when you use John Deere Plus-50™ II engine oil.

Rigid bronze impeller on seawater pump with up to 10,000-hour life before needing maintenance.

Hydraulic automatic valve lash adjustment improves durability and eliminates valve lash maintenance.

EASY INTEGRATION.

The JD14 marine engine features a reduced package size compared to the John Deere 13.5L.

The on-board ECU and compact service center box provides easy wiring and integration.

Standard front side service for oil and filter maintenance.



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| | JD14P | JD14X | JD18P |
|-----------------------------|--|--|--|
| General data | | | |
| Type | 6-cylinder, In-line, 4-valve, 4-stroke diesel | | |
| Displacement | 13.6L | 13.6L | 18.0L |
| Fuel system | Electronic high-pressure common-rail (HPCR) | | |
| Gear train | Rear gear train – 2 PTOs | | |
| Cooling | Keel cooled or Heat exchanger | Heat exchanger | Keel cooled or Heat exchanger |
| Aftercooler | Air-to-coolant | Air-to-seawater | Air-to-coolant (separate circuit) |
| Turbocharger | Single-stage water cooled (fixed) | | |
| Performance | | | |
| Rated power | 298 – 448 kW (400 – 600 hp) @ 1800 – 2100 rpm | 523 – 599 kW (700 – 803 hp) @ 2100 – 2200 rpm | 410 – 599 kW (550 – 803 hp) @ 1800 – 2100 rpm |
| Service interval | Up to 500 hours with John Deere Plus-50™ II engine oil | | |
| Emissions technology | | | |
| Certification | IMO Tier 2 / EPA Tier 3 / EU RCD 2 | | |
| Classifications | ABS, DNV-GL, LR | | |
| EGR | No | | |
| Aftertreatment | No | | |
| Specifications | | | |
| Dimensions (L x W x H) | 1750 x 1128 x 1192 mm (69 x 44 x 47 in) | 1750 x 1095 x 1192 mm (69 x 43 x 47 in) | 2063 x 1321 x 1298 mm (81 x 52 x 51 in) |
| Weight | ~1436 kg (3166 lb) | ~1489 kg (3283 lb) | ~2100 kg (4630 lb) |

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

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