JD14 & JD18 Marine Engines

298 – 588 kW (400 – 789 hp)

A NEW ERA IN POWER



John Deere JD14 and JD18 marine engines are 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 from 410-588 kW (550-789 hp).

High-pressure common-rail (HPCR) fuel injection delivers responsive power with excellent fuel efficiency.

EASY INTEGRATION.

The JD14 features a more compact design than the John Deere 13.5L, helping streamline vessel integration.

Integrated ECU and Electrical Service Center (ESC) streamline vessel integration.

Convenient front-mounted oil and fuel filters simplify maintenance and improve serviceability, especially in multi-engine installations.

JD14 engines offer a choice of single-circuit keel-cooling or combined-circuit heat exchanger configurations.

JD18 engines offer a choice of dual-circuit keel-cooling or separate-circuit heat exchanger configurations.

LOW MAINTENANCE.

Up to 500-hour oil and filter change intervals reduce maintenance demands and support vessel availability.

Durable bronze seawater pump impeller delivers maintenance intervals of up to 10,000 hours, helping maximize uptime.

Hydraulic valve lash adjustment enhances performance and durability while eliminating routine maintenance.

CONNECTED ENGINES.

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

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*Availability varies by region and product. Options not available in every country.

	JD14P	JD14X	JD18P
General data			
Type	6-cylinder, In-line, 4-valve, 4-stroke diesel		
Displacement	13.6L		18.0L
Fuel system	Electronic high-pressure common-rail (HPCR)		
Gear train	Rear gear train – 2 PTOs		Rear gear train – 1 PTO
Cooling System Configuration	Single-circuit keel-cooled or Combined-circuit heat exchanger	Combined-circuit heat exchanger	Dual-circuit keel-cooled or Separate-circuit heat exchanger
Aftercooler Cooling	Coolant	Seawater	Coolant
Turbocharger	Single-stage water cooled (fixed)		
Performance			
Rated power	298 – 448 kW (400 – 600hp) @ 1800 – 2100 rpm	522 – 588 kW (700 – 789 hp) @ 2100 – 2200 rpm	410 – 588 kW (550 – 789 hp) @ 1800 – 2100 rpm
Service interval (oil)	Up to 500 hours		
Emissions technology			
Certification	IMO Tier II / EPA Tier 3 / EU RCD 2		
Classifications	ABS, DNV-GL, LR		
EGR	No		
Aftertreatment	No		
Specifications			
Dimensions (L x W x H)	1415 x 1089 x 1178 mm (56 x 43 x 46 in)	1415 x 1089 x 1178 mm (56 x 43 x 46 in)	1602 x 1315 x 1288 mm (63 x 52 x 51 in)
Weight	1570 kg (3461 lb)	1580 kg (3483 lb)	2250 kg (4960 lb)

Specifications are subject to change. Dimensions may vary based on options selected. Length to rear of block.

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