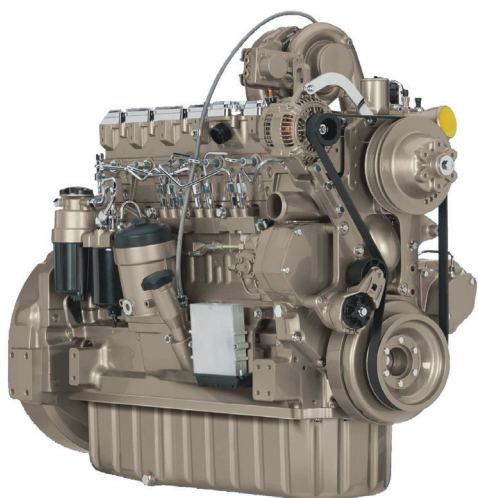


PowerTech

6090H1 Diesel Engine

Industrial Engine Specifications



Specifications

Model	6090H1
Max output (kW)	248 kW @ 2,000 RPM
Max output (HP)	332.6 HP @ 2,000 RPM
No. Cylinders	6
Fuel Type	Diesel
Variable Speed	Yes
Displacement	9.0L
Irrigation Pack	No
Power Pack	Yes
Bore x Stroke	118 x 136mm

Features

Fixed geometry turbocharger

Fixed geometry turbochargers are sized for a specific power range and optimized to provide excellent performance across the entire torque curve. They are also designed to maximize fuel economy between the engine's rated speed and peak torque.

High pressure common rail (HPCR) fuel system

The HPCR fuel system provides variable common-rail pressure, multiple injections, and higher injection pressures up to 1,600 bar (23,000 psi). It also controls fuel injection timing and provides precise control for the start, duration, and the end of injection.

Air-to-ait aftercooled

This is the most efficient method of cooling intake air to help reduce engine emissions while maintaining low-speed torque, transient response time, and peak torque. It enables an engine to meet emissions regulations with better fuel economy and the lowest installed costs.

John Deere electronic engine controls

Electronic engine controls monitor critical engine functions, providing warning and/or shutdown to prevent costly engine repairs and eliminate the need for add-on governing components, all lowering total installed costs.

Run with the confidence you get from a John Deere.

You can count on John Deere PowerTech™ industrial engines to start in the morning, operate efficiently all day, and work reliably for many years. But pure product performance isn't the strongest thing about working with John Deere. It's the confidence of having the John Deere integration and support network at your side every step of the way.