

INDUSTRIAL DIESEL ENGINE

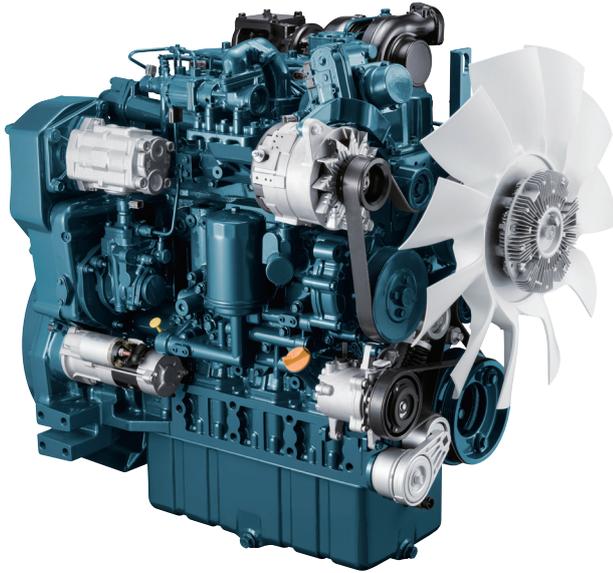
Kubota 09 Series (4-Cylinder)

V5009



Rated Power

129.4 kW @ 2200 rpm



Photograph may show non-standard equipment.

Features and Benefits

Global Platform

Compact 4-cylinder engine offers 155.0^{*1} kW high power for EU Stage V and EPA / CARB Tier 4 while complying with China NR IV (below 130 kW category), providing 129.4^{*1} kW without requiring Selective Catalytic Reduction (SCR).

^{*1}: Net without fan ISO14396

Low Fuel Consumption

Best fuel-efficiency is achieved with optimized combustion.

Great Versatility

- 100% power take-off at the flywheel and front end
- Side PTO^{*2} takes up to 4 hydraulic pumps
- Choice of flywheel housings and flywheels for OEM coupling

^{*2}: Auxiliary PTO

Easy Maintenance

- Automatic belt tensioner
- One-side maintenance

Easy Installation

This compact 4-cylinder engine does not require SCR which helps your vehicle development to be simpler and easier, providing easy installation to your products.

CONTACT US

<https://global.engine.kubota.co.jp/en/contact/form.php>



Engine Specifications

Engine model		V5009
Emission regulation		China NR IV ready (below 130 kW category)
Type		Vertical, water cooled 4-cycle diesel engine
Cylinders		4
Bore and stroke	mm (in)	110.0 × 132.0 (4.331 × 5.197)
Displacement	L (cu.in)	5.017 (306.2)
Aspiration		Turbocharged + Turbo After Cooler
Aftertreatment		Diesel Oxidation Catalyst (DOC) + Diesel Particulate Filter (DPF)
Rated output / speed	kW (HP) / rpm	Net without fan ^{*1} :129.4 (173.5) / 2200 Gross intermittent ^{*2} : 131.3 (176.1) / 2200
Maximum torque / speed	Nm (lb-ft) / rpm	Net without fan ^{*1} :850 (627) / 1400 Gross intermittent ^{*2} :863 (636) / 1400
Combustion system		Direct Injection
Fuel system		Common rail system
Length x Width x Height ^{*3} (without aftertreatment unit)	mm (in)	894 × 693 × 967 (35.2 × 27.3 × 38.1)
Dry weight ^{*3} (without aftertreatment unit)	kg (lb)	652 (1437)

Specifications are subject to change without prior notice.
Dimensions and dry weight are according to Kubota's standard specification.
Dimensions and weight depend on completed specifications.

^{*1}: ISO 14396
^{*2}: SAE J1995
^{*3}: Exclude cooling fan

KUBOTA Corporation

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