

PRODUCT SPECIFICATIONS FOR C4.4



Maximum Power	150 kW
Maximum Torque	825 Nm @ 1400 rpm
Rated Speed	2200 rpm
Minimum Power	82 kW
Emissions	U.S. EPA & CARB Tier 4 Final, EU Stage V
Engine Configuration	Inline 4, 4-Stroke-Cycle Diesel
Bore	105 mm
Stroke	127 mm
Displacement	4.4 l
Compression Ratio	16.5:1
Aspiration	Turbocharged Aftercooled (TA) or Series Turbocharged Aftercooled (TTA)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF+SCR
Length	822 mm

Width	748 mm
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Height	897 mm
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Weight - Net Dry - Basic Operating Engine Without Optional Attachments	535 kg
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Length	675 mm
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Width	623 mm
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Height	453 mm
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Weight	65 kg
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C4.4 STANDARD EQUIPMENT

AIR INLET SYSTEM

Standard air cleaners

CONTROL SYSTEM

Full electronic control system, all connectors and wiring looms waterproof and designed to withstand harsh off-highway environments

Flexible and configurable software features and well-supported SAE J1939 CAN bus enables highly

integrated machines

COOLING SYSTEM

Top tank temperature 108° C (226° F) as standard to minimize cooling pack size

50:50 water glycol mix

FLYWHEELS AND FLYWHEEL HOUSING

Fitted with SAE3 configuration as standard

FUEL SYSTEM

Electronic high pressure common rail

Innovative filter design to ensure maximum protection of the engine

LUBE SYSTEM

Wide choice of sumps for different applications

POWER TAKE OFF

SAE A and SAE B flanges on left-hand side. Additional SAE A flange available on left-hand side. Engine power can also be taken from the front of the engine on some applications. Factory fitted compressors are also available.

GENERAL

Available with or without a balancer

Paint: Caterpillar yellow, with optional colors available at request

U.S. EPA TIER 4 FINAL, EU STAGE V AFTERTREATMENT/ CLEAN EMISSIONS CONTROL EQUIPMENT

Clean Emissions Module (CEM), consisting of Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC)

Selective Catalytic Reduction (SCR)

3" flex pipe connection with straight, 45°, and 90° options for flexibility

