

PRODUCT SPECIFICATIONS FOR C4.4



Maximum Power	129.4 kW
Maximum Torque	750 Nm @ 1400 rpm
Rated Speed	2200 rpm
Minimum Power	70 kW
Emissions	U.S. EPA & CARB Tier 4 Final
Engine Configuration	Inline 4
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+SCR or DOC+DPF+SCR
Length	845 mm

Width	742 mm
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Height	868 mm
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Weight - Net Dry - Basic Operating Engine Without Optional Attachments	420 kg
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Length	675 mm
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Width	478 mm
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Height	390 mm
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Weight	45 kg
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Diameter	270 mm
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C4.4 STANDARD EQUIPMENT

AIR INLET SYSTEM

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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

Wide choice of drivetrain interfaces, including SAE No. 2 and SAE No. 3 configurations

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 INTERIM EQUIVALENT, EU STAGE IIIB EQUIVALENT AFTERTREATMENT / CLEAN EMISSIONS CONTROL EQUIPMENT

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

No ash service requirement

Passive regeneration

U.S. EPA TIER 4 FINAL, EU STAGE IV 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

