

CAT® C4.4

U.S. EPA TIER 4 FINAL/EU STAGE V AND JAPAN 2014 (TIER 4 FINAL)
82-150 KW (109-201 HP)



INDUSTRIAL ENGINE

The C4.4 engine is a common rail direct injection engine with either a single turbo or twin turbo chargecooled air system. It meets U.S. EPA Tier 4 Final, EU Stage V and Japan 2014 (Tier 4 Final) emission standards. With increased power density over previous models the C4.4 can improve your machine productivity by giving you all the power you need to get the job done.



FEATURES AND BENEFITS

RELIABLE, QUIET AND DURABLE POWER

Global manufacturing capability and processes coupled with proven core engine designs assure reliability, quiet operation, and many hours of productive life.

EXHAUST SYSTEM

Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF), and Selective Catalytic Reduction (SCR) system supplied installed on engine. Zero downtime due to regeneration.

WORLD-CLASS PRODUCT SUPPORT OFFERED THROUGH GLOBAL CAT® DEALER NETWORK

Superior dealer service network, Customer Support Agreements (CSA) and Cat® Extended Service Coverage (ESC).

LOW-COST MAINTENANCE

Worldwide service delivers ease of maintenance and simplifies the servicing routine. Hydraulic tappets, multi-vee belts, service free DPF and 500-hour oil change intervals enable low-cost maintenance.

SPECIFICATION

Cylinders	4	
Displacement, litres (in ³)	4.4 (268.5)	
Aspiration	Turbocharged aftercooled	Twin turbocharged aftercooled
Bore and stroke, mm (in)	105 x 127 (4.13 x 5)	
Maximum power, kW (hp)	110 (147)	150 (201)
Rated speed, rpm	2200	
Maximum torque, Nm (lb ft) @ rpm	560 (413)	825 (608)
Combustion system	Direct injection	
Weight, kg (lb)	400 (881)	420 (926)
Rotation (viewed from flywheel)	Counterclockwise, viewed on flywheel	

For additional information on all your power requirements, visit www.cat-industrial.com

All information in this document is substantially correct at time of printing and may be altered subsequently.
Photographs are for illustrative purposes only and may not reflect final specification.
Final weight and dimensions will depend on completed specification.
Information subject to selected configuration, and subject to change without notice.
Engine power measured per ISO 14396:2002

AEXJ0111-00 (08-21)

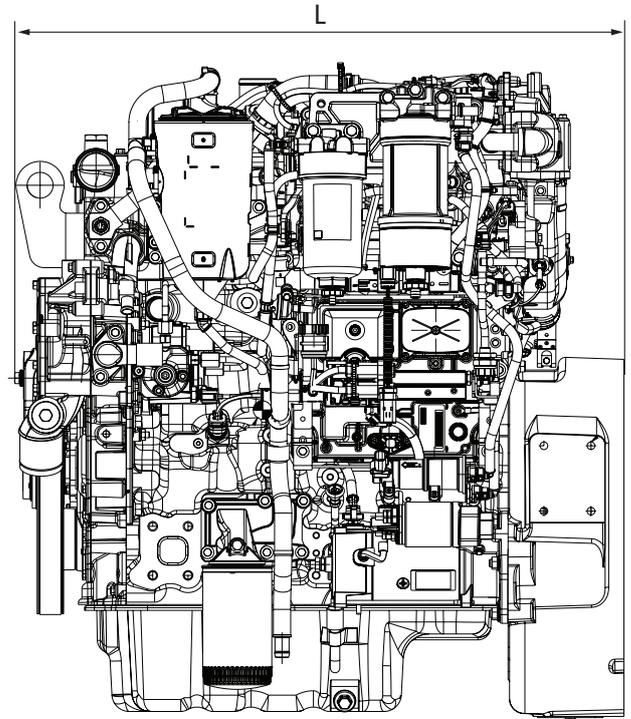
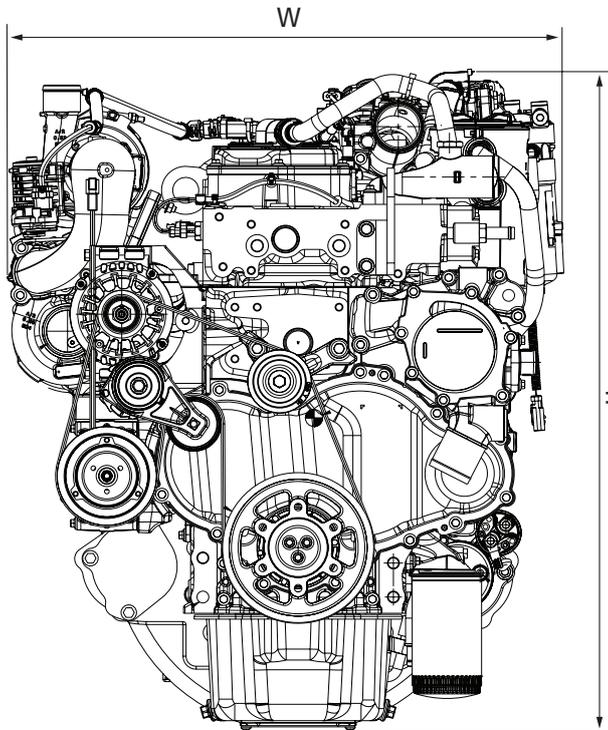
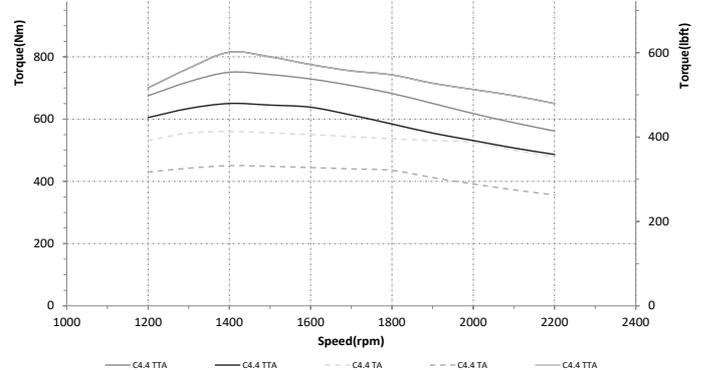
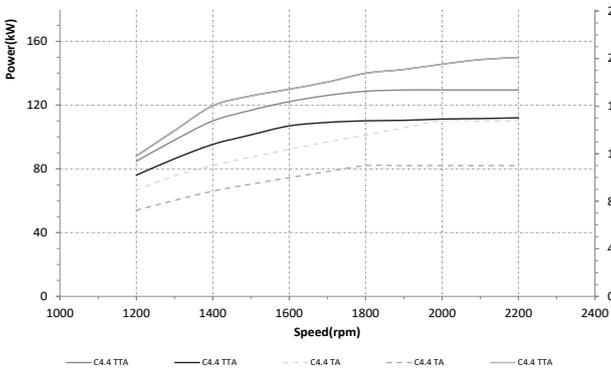
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The above dimensional drawings are based on the twin turbocharged aftercooled model

	Turbocharged aftercooled	Twin turbocharged aftercooled
Length (excluding fan), mm (in)	803.7 (31.6)	822.3 (32.4)
Width, mm (in)	659.8 (26.0)	747.7 (29.4)
Height, mm (in)	1087.5 (42.8)	897.3 (35.3)
Weight, kg (lb)	487.6 (1075.0)	534.8 (1179.0)

Without aftertreatment, overall dimensions dependant on options selected

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