

# CAT® C2.8 AND C3.6

EU STAGE V/U.S. EPA TIER 4 FINAL/JAPAN 2014 (TIER 4 FINAL)

55-100 KW (74-134 HP) @ 2200 RPM

INDUSTRIAL POWER UNIT (IPU)



The C2.8 and C3.6 IPU engines are common rail direct injection engines with a turbocharged or turbocharged aftercooled air system meeting EU Stage V, U.S. EPA Tier 4 Final and Japan 2014 (Tier 4 Final) emission standards. For ease of installation, the IPU provides full aftertreatment mounting, an integrated cooling system, a full wiring harness and mounting for the ECM and fuel filter.



## FEATURES AND BENEFITS

### Ready to Go for Machine Installation

The ECM, aftertreatment sensors and fuel filter have all been mounted on the IPU and validated to operate in the harshest of environments. A bespoke wiring harness has also been developed to allow for a simple hookup to the machine wiring. For the quickest installation possible, an optional engine control panel for engine monitoring and speed control is also available.

### Reliable, Quiet, and Durable Power

World-class manufacturing capability and processes coupled with proven technologies and extensive field validation assure reliability and durability in tough non-road applications.

### Zero Downtime for Regeneration

Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF), and on the C3.6 Selective Catalytic Reduction (SCR) system supplied installed on-engine to provide zero downtime for regeneration.

## SPECIFICATION

Cylinders	4	
Displacement, litres (in <sup>3</sup> )	2.8 (170.9)	3.6 (219.7)
Aspiration	Turbocharged	Turbocharged aftercooled
Bore and stroke, mm (in)	90 x 110 (3.54 x 4.33)	98 x 120 (3.85 x 4.72)
Maximum power, kW (hp)	55 (74)	100 (134)
Rated speed, rpm	2200-2400	2000-2200
Maximum torque, Nm (lb ft) @ rpm	300 (221) @ 1600	550 (406) @ 1500
Combustion system	Direct injection	
Weight, kg (lb)	511 (1126)	551 (1214)
Rotation (viewed from flywheel)	Counterclockwise	

For additional information on all your power requirements, visit [www.cat-industrial.com](http://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

AEXJ0118-01 (12-21)

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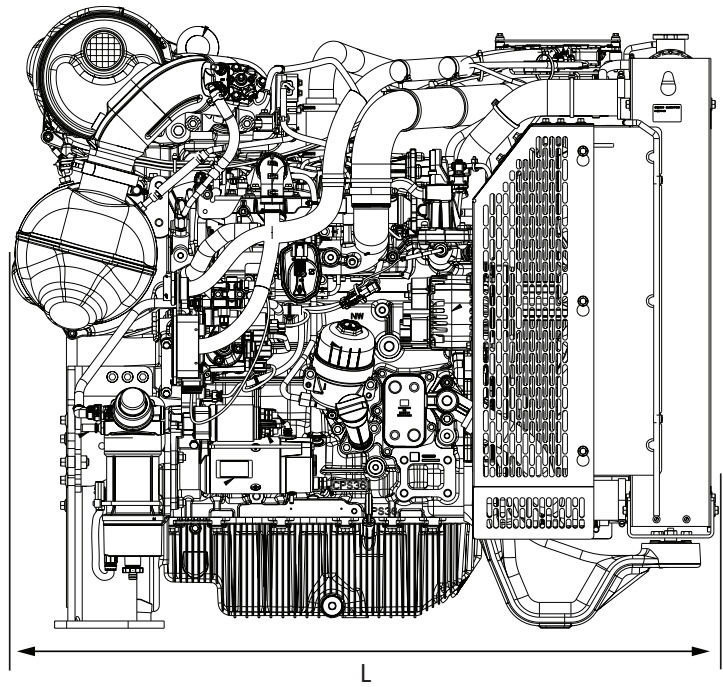
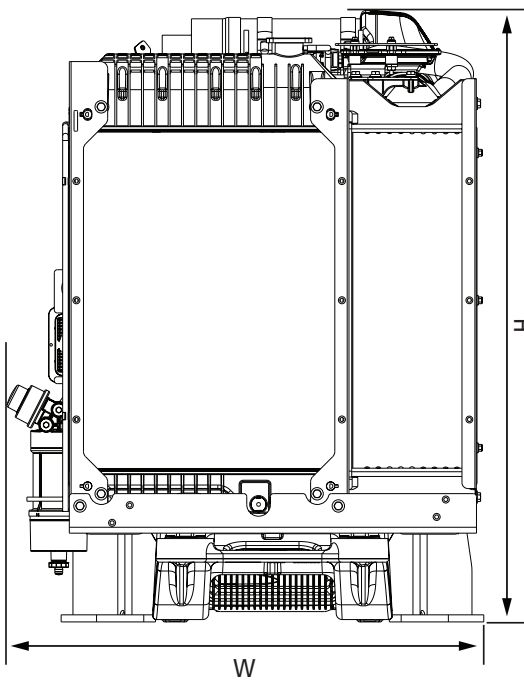
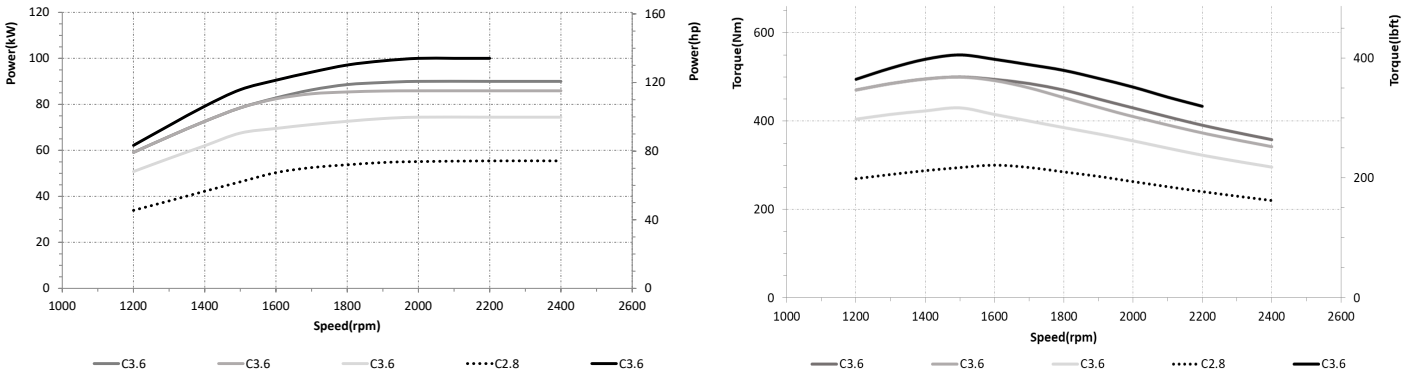
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## INDUSTRIAL POWER UNIT (IPU)



The above dimensional drawings are based on the C3.6 model

	2.8 litre	3.6 litre
Length, mm (in)	1191 (46.9)	1177 (46.3)
Width, mm (in)	809 (31.9)	808 (31.8)
Height, mm (in)	966 (38.0)	1036 (40.8)
Weight, kg (lb)	511 (1126)	551 (1214)

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