

904J-E28T and 904J-E36TA

EU Stage V/U.S. EPA Tier 4 Final/
Japan 2014 (Tier 4 Final)

55-100 kW (74-134 hp) @ 2200 rpm

Industrial Open Power Unit
(IOPU)

The Perkins® 904 Series IOPU gives you a complete power solution to meet EU Stage V, U.S. EPA Tier 4 Final and Japan 2014 (Tier 4 Final) emission standards. The choice of options, engine configurations and robust technology allows you to integrate the 904 range into your equipment with minimum re-engineering.



Features and benefits

Low cost machine installation

The ECM and aftertreatment sensors have all been pre-installed in the IOPU package to save mounting on the machine chassis. A bespoke wiring harness to allow simple hookup to the machine wiring loom has also been created and included as standard. The fuel filter with water in fuel sensor has also been mounted to the IOPU to make the low pressure fuel system installation quick and simple. As an optional extra an engine control panel for engine monitoring and speed control is also available to save on machine controls development.

Industry leading flexibility

Available with a number of different configurations to suit different machine types. Standard and heavy duty options are available for the radiator, air filter and fuel filters. The 3.6 litre is also available with either 12 or 24V electrical items.

Lifetime of low cost

Fuel consumption is optimised to match the operating cycles of a wide range of off-highway applications and hydraulic tappets, multi-vee belts and 500 hour service intervals enable low cost ownership and maintenance.

Specification		
Cylinders	4	
Displacement, litres (in ³)	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 more information please contact a Perkins distributor: <http://distributorlocator.perkins.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
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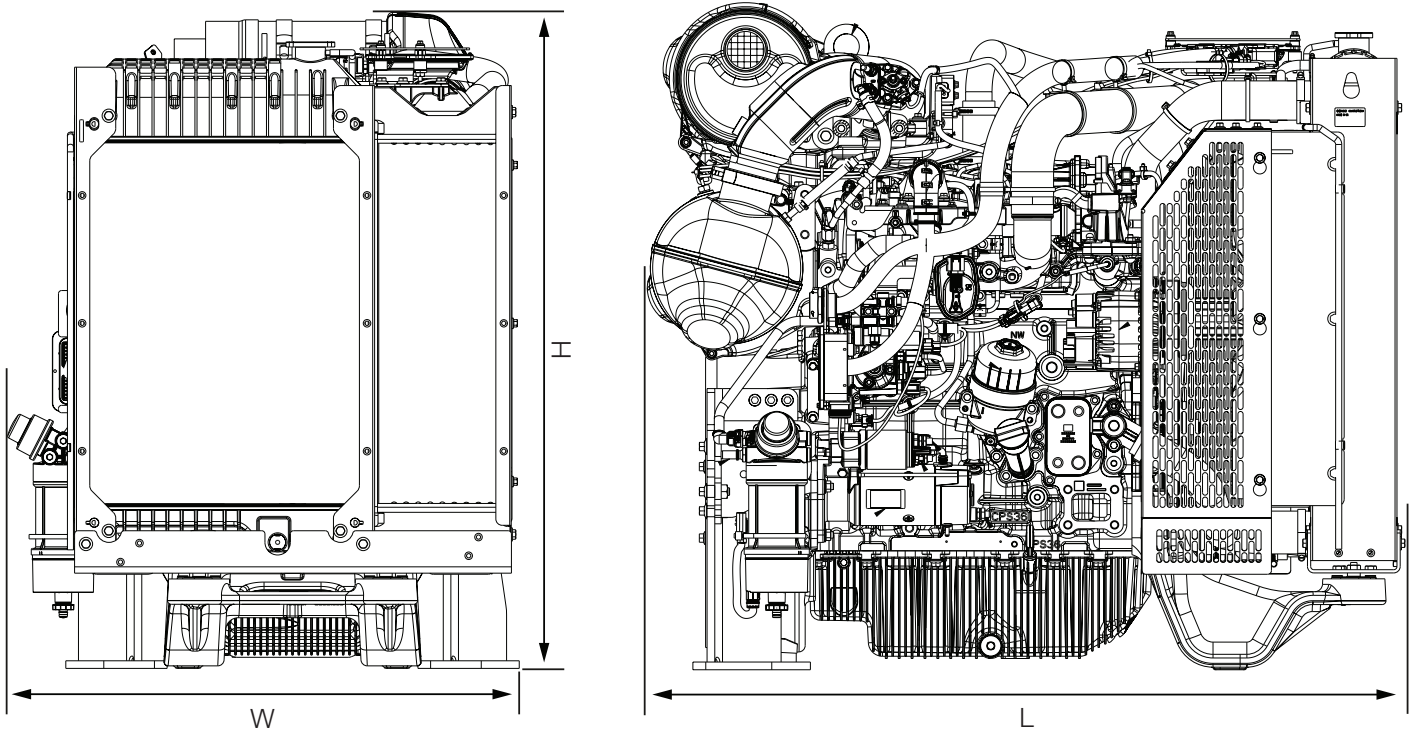
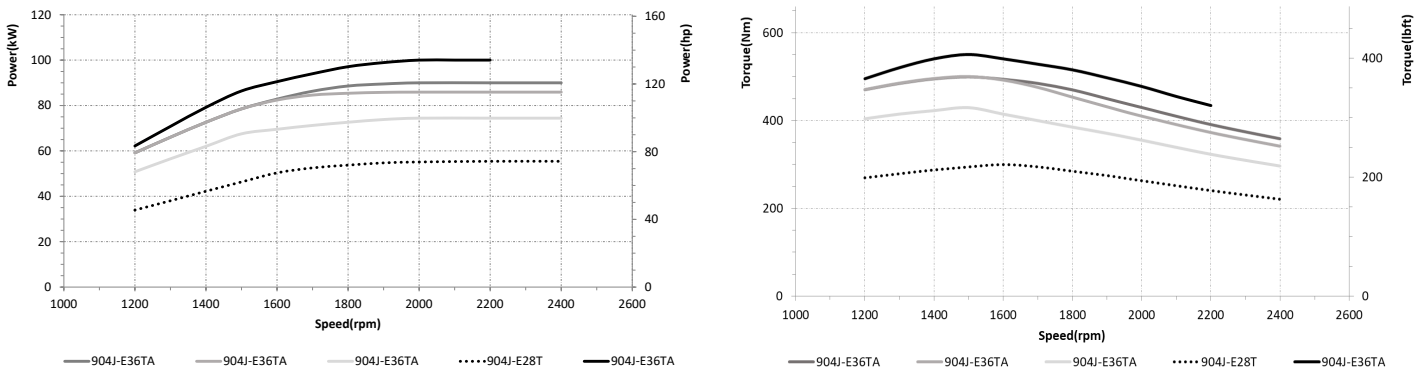
THE HEART OF EVERY GREAT MACHINE

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The above dimensional drawings are based on the 904J-E36TA 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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