An expanded compact engine offering

Interested to know more? Let’s talk.

If you have any questions, or need more information about the 1.7 and 2.2 litre engines or any of the other Perkins products, please visit us at www.perkins.com.
Introducing the 1.7 and 2.2 litre engines as part of the Perkins® Syncro range

For many years, our trusted 400 Series has been the platform of choice for over a million off-highway machines worldwide. Now part of the Perkins® Syncro range, our 1.7 and 2.2 litre engines have been re-engineered to deliver a high-performance, high-value powertrain solution that supports your business ambitions.

By extending our global compact engine offering, which already includes the 2.8 and 3.6 litre engines, the 1.7 and 2.2 litre engines now provide even greater choice and flexibility for compact machine development, helping you to take advantage of growth market opportunities.

Both engine models also include various features, such as an electronic fuel system and a wide variety of installation options, that integrate perfectly with your next generation machine designs.

One global partner
As your partner, Perkins offers comprehensive assistance at every step of the machine development process, ranging from technical integration workshops and prototype solutions through to fully validated, tailored hardware. We also provide global support for your supply chain and dedicated services built around your needs.

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Compact size
Evolving from a range that has powered hundreds of the most compact machines, the 1.7 and 2.2 litre engines have been engineered for simple installation in even the most space constrained designs.

Proven reliability
Individually tested through our stringent in-house validation programmes, the robust 1.7 and 2.2 litre engines ensure consistent performance in the toughest environments, including extreme altitudes and temperatures.

Fully supported
We understand that aftersales is vital to maintain the loyalty of your customers. We provide a flexible, dedicated support service and product features such as service-free aftertreatment to minimise maintenance costs.

Exceptional performance
With low-noise characteristics, you can ensure a comfortable operator experience without the need for additional (and costly) machine engineering. In addition, the engines’ low fuel consumption greatly reduces operating costs.

Trusted technology
With a core product and technologies proven countless times in the field, you can be sure of minimum downtime for your machine owner. Robust aftertreatment systems eliminate the need for operator interaction.

Global offering
Solution optimised for US and European markets, with high levels of commonality with lesser regulated territories offering.

Re-engineered for next generation machines

<table>
<thead>
<tr>
<th>Engine</th>
<th>1.7 litre</th>
<th>2.2 litre</th>
<th>2.2 litre</th>
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<tbody>
<tr>
<td>Cylinders</td>
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<td>U.S. EPA Tier 4 Final*</td>
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<tr>
<td>Aspiration</td>
<td>Turbocharged</td>
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<tr>
<td>Power</td>
<td>Upto 36 kW (48 hp)</td>
<td>Upto 45 kW (60 hp)</td>
<td>Upto 55 kW (74 hp)</td>
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<tr>
<td>Maximum torque</td>
<td>166 Nm</td>
<td>222 Nm</td>
<td>270 Nm</td>
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<tr>
<td>Rated speed</td>
<td>2800 rpm</td>
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<tr>
<td>Aftertreatment</td>
<td>DOC+DPF</td>
<td>DOC+DPF</td>
<td>DOC+DPF</td>
</tr>
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* DOC only version available for U.S. EPA Tier 4 Final market