

A full range of Stage V engines

Perkins offers a complete range of Stage V engines. This means we have the flexibility to meet individual requirements and to ensure you get the value and performance you need from your engine choice.

| Engine model | Aspiration | Displacement (litres) | Power (kW) | Aftertreatment modules | | |
|--------------|------------|-----------------------|------------|------------------------|-----|-----|
| 402J-05 | NA | 0.5 | 8.8 | No requirement | | |
| 403J-07 | NA | 0.7 | 12.2-13.3 | | | |
| 403J-11 | NA/T | 1.1 | 14.7-18.9 | | | |
| 403J-17 | NA/T | 1.7 | 17.7-18.9 | | | |
| 403J-E17 | T | 1.7 | 36 | DOC | DPF | |
| 404J-E22 | T/TA | 2.2 | 45-55 | DOC | DPF | |
| 904J-E28 | T/TA | 2.8 | 45-55 | DOC | DPF | |
| 904J-E36 | TA | 3.6 | 55 | DOC | DPF | |
| 904J-E36 | TA | 3.6 | 70-100 | DOC | DPF | SCR |
| 1204J-E44 | TA/TTA | 4.4 | 82-150 | DOC | DPF | SCR |
| 1206J-E70 | TA/TTA | 7.0 | 129-239 | DOC | DPF | SCR |
| 1706J-E93 | TA | 9.3 | 250-340 | DOC | DPF | SCR |
| 2206J-E13 | TA | 12.5 | 287-388 | DOC | DPF | SCR |
| 2406J-E13 | TA | 12.5 | 340-430 | DOC | DPF | SCR |
| 2506J-E15 | TA | 15.2 | 354-433 | DOC | DPF | SCR |
| 2806J-E18 | TA | 18.1 | 429-470 | DOC | DPF | SCR |

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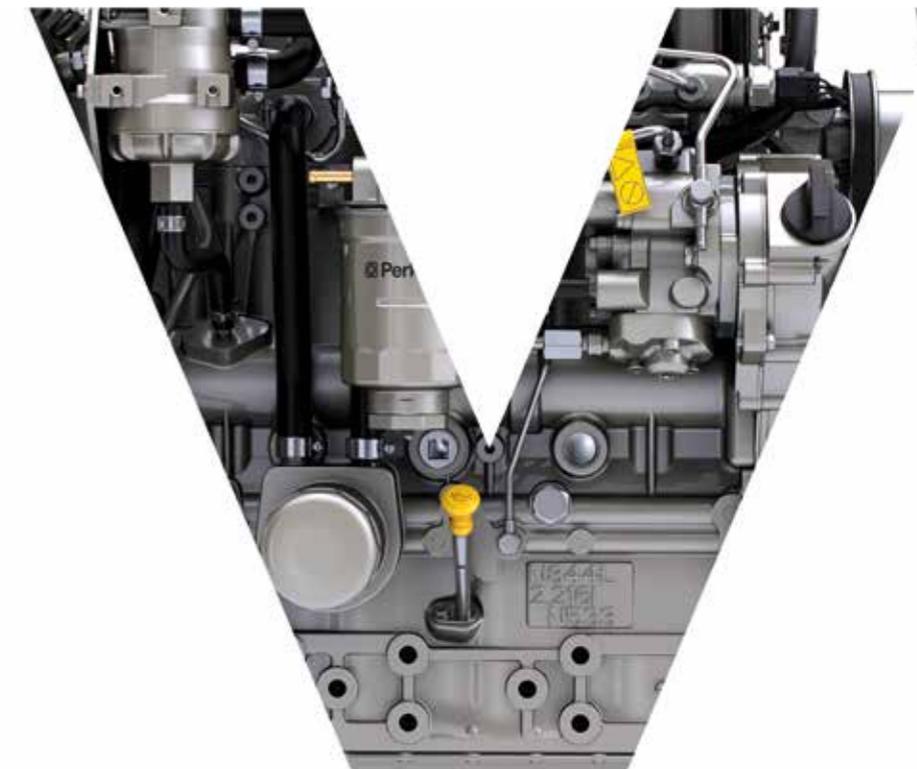
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The power behind your Stage V machine



With you
at every stage

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EU Stage V and beyond

From 2019, EU Stage V will be phased in for off-highway diesel and mobile EP engines across the full power range. To maintain productivity and take full advantage of the opportunities this will bring, it is crucial to choose the right engine supplier who can deliver expertise and service at every stage.

Just as we have been there to support you at every milestone in the past, Perkins is ready to partner with you through this new transition. With us, you have a dedicated specialist with extensive, field-tested experience of the technologies required, a broad range of options to fit your machines and a global service network to meet your future needs.



We deliver the very best customer value while ensuring you achieve the latest emissions standards. From initial concept through to tailored aftermarket solutions, you can be sure of industry-leading technology and services designed for your business and applications.



Matthew Nurse, Product Manager, Perkins

Performance where you need it most

Perkins' Stage V technologies include common rail fuel systems, selective catalytic reduction (SCR), diesel oxidation catalysts (DOC) and diesel particulate filters (DPF).

Since Stage IIIB, machine developers and end users worldwide have taken advantage of our transparent DPF regeneration capabilities, proven across our 1200 Series platform. Now in its second generation, we make DPF integration easier and our Stage V engines continue to use a regeneration process that runs automatically without machine or operator interruption. This means duty cycles and workload are never affected and user productivity is always maintained.

With you at every stage

With Perkins, you can meet all Stage V emissions standards while producing a new generation of machines that match customer demands for value, innovation and performance. By collaborating at every phase of the value chain, from concept and integration to validation and aftermarket support, our experts are on hand to help you reduce development time and optimise total cost of ownership.

Proven Stage V capability

With Perkins, you get next generation DPF technology with millions of hours of field experience.

To learn more about Stage V, visit:
<https://www.perkins.com/stagev>

Integration



You need the right engine footprint and performance for each application, which is why with us it's never 'one size fits all'. Through our Technical Integration Workshops (TIWs), we can work with you on a one-on-one basis to explore your strategies and align specifications to your requirements.

Flexibility



No two OEMs are the same, and neither are your machines. As off-highway specialists, we bring the knowledge and platform versatility you need to tailor our engines to your applications. Our modular engine concept also gives you a broad variety of options with a high degree of customisation, while driving down costs.

Validation



Perkins never compromises on quality and you can be sure that every component has been manufactured and tested to the highest standards. Furthermore, our engine validation covers everything from virtual simulations to extreme real-world durability testing in some of the toughest conditions.

Aftermarket



Whether you want an engine, genuine part, approved service or technician guidance, our highly skilled team will provide you with dedicated support. We also offer a range of added-value services such as the Perkins® SmartCap – the world's first low-cost engine level connectivity device. Combined with the Perkins® My Engine App, this sends engine information directly to your smartphone.



Stage IIIB/Stage IV experience across our partners



More than
174,000
machines



Over
300,000,000
hours



500+
different machine
installations

Stage V solutions you can trust

Through easily scheduled routine maintenance, high levels of validation and advanced aftertreatment technologies with no service requirements, we deliver the results you need to streamline your Stage V transition.