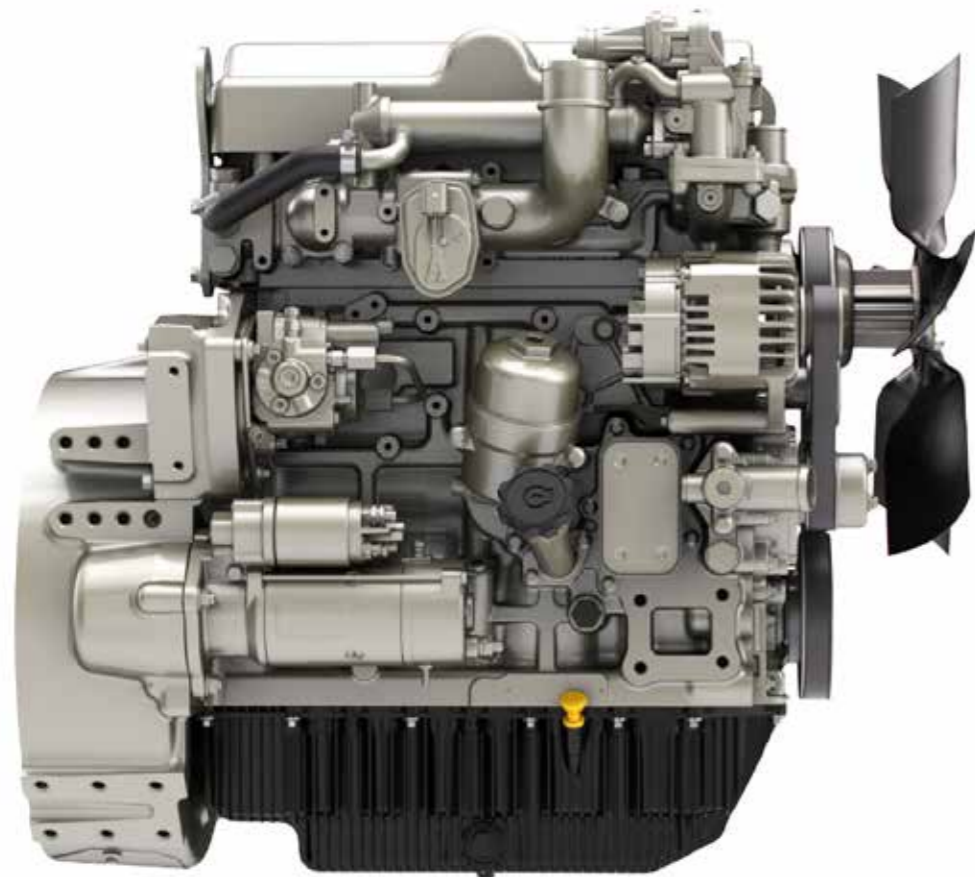


engineered
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2.8 and 3.6 litre
diesel engines



Perkins Sales

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1600 W Kingsbury St
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South America

Rua Dr. Chucri Zaidan, 1240
Golden Tower – 17th Floor
São Paulo – SP CEP 04711-130
Brazil
Tel: +55 11 2109 2038

Asia

China

20/F Lei Shing International Plaza
1319 West Yan'an Road
Shanghai 200050
China
Tel: +86 21 22160774
Fax: +86 21 52136624

India

Floor 6, Tower 'B' Prestige Shantiniketan
The Business Precinct, Whitefield Main Road
Bangalore 560048
India
Email: IPSD_India@perkins.com

Japan

Ocean Gate Minato Mirai 12F
3-7-1 Minatomirai, Nishi-ku, Yokohama city
Kanagawa, 220-0012
Japan
Tel: +81 45 682 3579
Fax: +81 45 682 3690

Asahi Seimei Matsumoto Fukushima building 3F
1-1-15 Fukashi, Matsumoto city
Nagano, 390-0815
Japan
Tel: +81 263 87 2003
Fax: +81 263 39 1682

Korea

11F, Songchon Building, 503
Nonhyeon-ro, Gangnam-gu
Seoul 06132
Korea
Tel: +82 10 8669 8358

Singapore

14 Tractor Road
Singapore 627973
Tel: +65 6828 7469
Fax: +65 6828 7414

Europe, Middle East and Africa

Peterborough, PE1 5FQ
United Kingdom
Tel: +44 1733 583000

www.perkins.com

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A new compact engine platform

Perkins®
SYNCRO

2.8 and 3.6 litre



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Introducing the new 2.8 and 3.6 litre engines as part of the Perkins® Syncro range

Part of the Perkins® Syncro range, the new 2.8 and 3.6 litre engines have been engineered not only to integrate perfectly with your machine design, but to deliver the right performance and value to support your business ambitions.

Whether you need a single engine platform to meet emissions standards (including EU Stage V) in new export markets or the quality and reliability to develop the most competitive machines, our 2.8 and 3.6 litre engines have been designed to help ensure your success.

One global partner

The 2.8 and 3.6 litre models are the latest in our full range of off-highway diesel engines built for your machines and markets, worldwide.

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 hardware tailored to your machine designs. We also provide global support for your supply chain with facility locations across three continents and dedicated services built around your needs.

Stage V-capable

The compact 2.8 litre and 3.6 litre diesel engines meet current and future emissions standards, worldwide, including Stage V.

Your next generation of machines



Compact size

The 2.8 and 3.6 litre engines have been designed to fit in more than 80 machine models. This guarantees the most compact engine package possible, saving you significant time and cost in research and development for your next machine design.



Excellent performance

Our choice of power curves is perfectly matched to the latest transmissions and hydraulics. With high torque at low speeds, valuable fuel economy and fast transient response, you will have a machine that is not only more powerful, but more efficient and easier to operate.



Trusted reliability

Reliability is critical to your reputation. We guarantee the highest quality standards with in-house predictive and physical testing to simulate real-world conditions and technologies that deliver proven performance.



Future proofed

In addition to meeting immediate requirements, the 2.8 and 3.6 litre engines are also designed to be adaptable to new machine technologies as they evolve. This means your investment will be as valid and secure tomorrow as it is today.



Serviceable and supported

We understand that after-sales is vital to maintaining the loyalty of your customers. Whether you are an OEM or a distributor, we are here to help you with a flexible support service that meets your needs.



A single platform

Both engines share a common system architecture, allowing you to develop competitive single machine platforms that will meet emissions standards in any territory, while at the same time minimising business variety and complexity.



Displacement	2.8 litre	3.6 litre
Cylinders	4	4
Maximum power	Upto 55 kW (74 hp)	Upto 100 kW (134 hp)
Maximum torque	Upto 380 Nm	Upto 550 Nm
Rated speed	2200-2400 rpm	2000-2400 rpm

Emissions	2.8 litre	3.6 litre
UN ECE R96 Stage IIIA or below	904D-E28T	904D-E36TA
U.S. EPA & CARB Tier 4 Final	904J-E28T/TA	904J-E36TA
EU Stage V	904J-E28T/TA	904J-E36TA