

1200

Series

Cleaner, greener,
award-winning
performance



 **Perkins®**

THE HEART OF EVERY GREAT MACHINE

Exceeding your expectations

When you are faced with the toughest jobs,
you need the most powerful, responsive
and robust engines that consistently deliver.

Not only is the award-winning 1200 Series precisely engineered to offer world-class quality but it also meets the most stringent emissions targets, enabling you to distribute to and operate in key markets.

Helping you meet the emissions challenge, now and in the future

When running engines in North America, Europe or Japan, you are faced with the most demanding emissions legislation on the planet.

Thankfully, you can always count on Perkins to deliver, which is why we have created the 1200 Series to meet the following territorial legislation:

- North America: EPA Tier 4 Interim
- Europe: EU Stage IIIB
- Japan: MLIT Step 4

However, new more stringent legislation – Tier 4 Final / Stage IV – comes into effect in 2014 (EU) and (US). But with Perkins on your side, we will make sure you are ready and compliant.

That's because the 1200 Series is primed for the future. The next generation 1200F Series – due in 2013 – will meet these targets and allow you to meet your legal obligations simply and cost-effectively.

The core technologies of all 1200 Series models are the same, making it easy for you to switch from Tier 4 Interim to Tier 4 Final. It's all about creating technology that consistently delivers for you with a minimum amount of hassle.

The performance you need – no compromises

Like you, we believe there should not be a trade off between emissions and performance. With the 1200 Series powering your equipment, there isn't. Not only does the 1200 Series tackle the emissions challenge head on, but it gives you improved productivity levels and fuel consumption compared to previous generation Tier 3 engines. The result is a machine that empowers you to meet legislation while giving you outstanding, robust performance for the tasks ahead.

Precisely tailored technology for engines you can depend on

Your needs are our number one priority, which is why we provide more tailored technology for original equipment manufacturers than anyone else. Working closely with you to meet your demands, we have created the 1200 Series with hundreds of variables that make it easy for our engine to fit your applications. Its hook-up points are common to our previous generation 1100 Series so you can easily transition from Tier 3 to Tier 4, while a simple, compact aftertreatment can be flexibly fitted.

Working hard to give you lower cost of ownership

With improved productivity and fuel consumption comes lower ownership costs. Years of expertise is poured into every Perkins part to give you improved efficiencies, whether it's longer-lasting belts or service-free diesel particulate filters. Factor in a standard two-year warranty and great value Extended Service Contracts – and the 1200 Series is as cost-effective as it is powerful.

Factfile: 1200 Series

Overview:	Responsive, high-productivity 4- and 6-cylinder engines complying with the toughest global emissions legislation, offering you flexible features and low ownership costs.
Power:	61.5–225 kW (82.5–301.7 hp).
Ideal for:	Large- and medium-sized machines for construction, agriculture, materials handling and general industry, such as hydraulic excavators, rock crushers, backhoe loaders, telehandlers, forklifts, tractors etc. Also available as generator set packs for applications such as lighting rigs.
Emissions:	Compliant with EU Stage IIIB / Stage IV, EPA Tier 4 Interim / Tier 4 Final, MLIT Step 4.



Excavators



Wheeled Loaders



Back Hoe Loaders



Trenchers



Tractors



Motorgraders



Telehandlers



Fork Lift Trucks



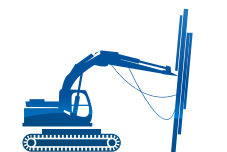
Rollers



Harvesters



Irrigation Pumps



Rock Drills



Crushers



Forest Machines



Airport Baggage Trucks



Pavers

Full specifications available from your nearest distributor and at www.perkins.com or www.tier4air.com

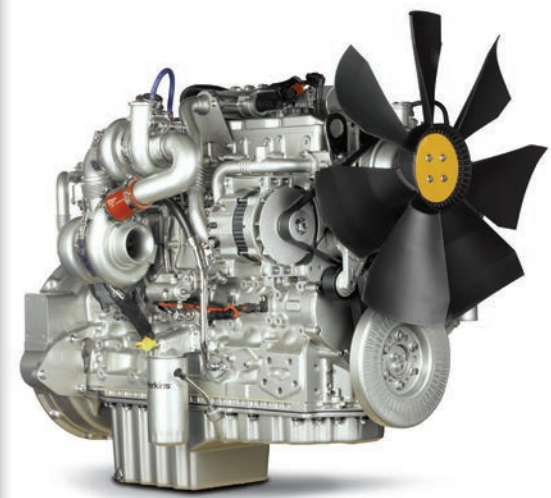
Your 1200 Series

The 1200 Series has outstanding fuel efficiency, saving you money every time you use it.

Choose your perfect power solution

**1200 Series: EU Stage IIIB / EPA Tier 4 Interim / MLIT Step 4
EU Stage IV / EPA Tier 4 Final**

Model	Cylinders	Power range
1204E-E44TA	4	61.5–110.1 kW (82.5–147.6 hp)
1204E-E44TTA	4	110.1–129.4 kW (147.6–173.5 hp)
1204F-E44TA	4	70–110.1 kW (93.9–147.6 hp)
1204F-E44TTA	4	105–129.4 kW (140.8–173.5 hp)
1206E-E66TA	6	89–129.4 kW (119.3–173.5 hp)
1206E-E70TTA	6	140–225 kW (187.7–301.8 hp)
1206F-E70TA	6	116–151 kW (156–202 hp)
1206F-E70TTA	6	151–225 kW (202–301.7 hp)



The 1200 Series gives you:

- Highly productive and fuel efficient
- Fast response, high power and torque levels up to 1257 Nm (927 lb.ft)
- Multiple options for flexible and compact installation
- Common hook-ups for easy transition from Tier 3
- Reliable cold starts at –25°C as standard – up to –40°C with add-on cold packs
- Service-free diesel particulate filters on some models

Your high-performing 1200 Series is available as an industrial engine or open power unit, which comes complete with radiator and air cleaner for minimal, hassle-free engineering.

Find out more
For full specifications visit www.perkins.com

Looking for 1200 Series power generation?
See our electrical power brochure
www.perkins.com/products



You can always count on us



Our customers rely on us to deliver the highest standards of quality and innovation, which is why our engines are designed and built from close customer collaboration.

For some projects, customers are invited to one of our Technology Integration Workshops, where our engineers will work closely with you to understand your challenges and requirements, tailoring our technology for your specific applications.

It's an approach our customers find stimulating and productive, and one which can significantly reduce your development time and costs, ensuring a maximum return on investment.

Wherever you are in the world, you are always local to Perkins

To all our customers we make a simple promise: to keep your engines running wherever they are in the world.

With highly trained Perkins distributors in thousands of communities in over 180 countries, you are never far away from expert product knowledge, genuine parts and a range of advanced diagnostic technology for keeping your engine in peak condition.

We are committed to building long-lasting partnerships with you, and our distributors understand the unique needs of the market you operate in.

Enjoy peace of mind with warranties and service contracts

A reputation is built on trust and reliability, which is why we provide one-year warranties for constant-speed engines and two-year warranties for variable speed models, as standard. These are supported by multilevel Extended Service Contracts that can be bought additionally and are tailored to suit your needs, offering extra reassurance that your engine is well cared for.

[Discover more
www.perkins.com/esc](http://www.perkins.com/esc)

We go the extra distance to bring you unrivalled service. That's why our UK and Singapore parts distribution centres operate around the clock, guaranteeing direct delivery of genuine Perkins parts wherever you are in the world.



Discover more

To find out how Perkins can help transform your business and to download detailed engine specification sheets, please visit www.perkins.com

Other useful links

www.perkins.com/distributor

To find your local Perkins distributor.

www.tier4air.com

Learn more about how our innovative technology is leading the way to bring you cleaner, higher performing engines.

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