

Tailored  
**technology**  
for the demands  
of your industry



 **Perkins®**

THE HEART OF EVERY GREAT MACHINE

# Producing power solutions **specifically for you**

With over 80 years of engineering experience working with Industrial OEMs, we understand the challenges of your industries. Whether the level of activity is the usual day-to-day or a punishing schedule in harsh conditions, you can count on us to deliver the power solutions that will keep your machines running to their peak performance.

**Our commitment to quality is your guarantee of quality.**

Your engine's performance is what drives our highly trained network of Distributors. Ensuring it keeps running and remains in peak condition is their promise in each and every one of the 180 countries they operate in. We believe a commitment to quality is more than just products, that's why we build strong, trustworthy relationships that last a lifetime.

Backed by the strength of our comprehensive training and support, our Distributors are equipped with irreplaceable knowledge and in-depth expertise of power generation in your region. They have a deep and intuitive understanding of their market, so you can always rely on their astute awareness of the environment, local emissions standards and reliability of the grid. In short, they know what works – and what does not in your area.

Investment in global manufacturing and worldwide Distributor network ensures you benefit from fast delivery and unrivalled support.



# Ready to meet the demands of your industry

Whatever your industry, whatever environment you face, our comprehensive range of high performance engines will help you overcome the toughest challenges. Wherever you need to pull, push, turn, carry, dig, lift, pump or move, you can find a Perkins engine ready for the job.

Years of **expertise** is poured into every Perkins part to deliver world-renowned power solutions you can rely on.



## Agriculture: growing a sustainable food chain

Offering you clean, reliable, low-cost power, our tailored technology consistently delivers in a huge range of applications - from small sit-on mowers to the largest tractors and combine harvesters. Whether your equipment is needed to meet the demands of small farm gardens, hundreds of acres of field work or livestock farming, you and your customers will always be able to depend on our engines whatever the season.

## Construction: helping you build the future

From small, one-off projects to regenerating a whole city, we bring you power and toughness for a huge variety of construction machines. Backhoe loaders, wheeled loaders, compressors, mixers, rock drills can all be powered by our flexible power solutions, helping you build the roads, homes, businesses and major landmarks that make a huge difference to communities around the world.

## Materials handling: delivering smooth, quiet, precision power

So many businesses rely on the quick, efficient and smooth transference of materials such as steel, timber, concrete, components, products and food. Whether working in a warehouse, operating over rugged terrain or loading and unloading lorries and ships, Perkins engines are ideal for your platforms, side loaders, container handlers, forklifts and telehandlers, giving you the benefit of smooth, quiet and dependably economic power.

# Choose your **perfect power** solution



## 400 Series

**Overview:** A versatile range of 2, 3 and 4 cylinder engines offering you desirable power in an ultra compact package, with low ownership costs, high residual value and the ability to meet any emissions targets.

**Power:** 10.2-49.2 kW (13.7-66 hp)

**Emissions:** Meets all levels of emissions standards and easily optimised for U.S. EPA Tier 4 Final.

The 400 Series offers you:

- Compact size and design
- Simple installation, even in the smallest machines
- Low noise and smoke levels
- Competitive cost of ownership
- 500-hour service intervals
- Two year / 2,000 hour warranty

The advanced 400F model also offers:

- High resell value for lower regulated markets
- Automatic aftertreatment management
- Improved fuel and oil consumption
- A common platform, easily tailored to meet emissions targets anywhere in the world



## 850 Series

**Overview:** Responsive, compact, 4-cylinder engines offering you exceptional power density and torque and which meet stringent emissions standards.

**Power:** 45-90 kW (60-121 hp)

**Emissions:** EU Stage IIIB and Stage IV / U.S. EPA Tier 4 Interim and Tier 4 Final and MLIT Step 4.

The 850 Series offers you:

- 40% more power than previous generations
- High power density combined with excellent torque
- Optimum fuel consumption for cost savings
- A single core engine platform for a wide range of applications
- High quality and service free components
- Compact, flexibly fitted aftertreatment
- Two year / 3,000 hour warranty (36 months on major components)



## 1100 Series

**Overview:** Our most popular engine range offers you a choice of 3, 4 and 6-cylinder options for lower emission-regulated territories. Each model comes with excellent power density, flexible options, simple installation and overall low cost of ownership.

**Power:** 36.9-205 kW (49.5-275 hp)

**Emissions:** Up to EU Stage IIIA / U.S. EPA Tier 3 equivalent.

The 1100 Series offers you:

- A common platform engine designed for a range of markets
- High power density combined with excellent torque
- Low noise
- Optimum fuel consumption for cost savings
- A huge range of options to tailor your product to meet your needs
- Low cost of ownership
- Two year / 3,000 hour warranty (36 months on major components)



## 1200 Series

**Overview:** Responsive, high productivity 4 and 6-cylinder engines complying with the toughest global emissions standards, offering you flexible features and low ownership costs.

**Power:** 61.5-240 kW (82.5-320 hp)

**Emissions:** EU Stage IIIB and Stage IV / U.S. EPA Tier 4 Interim and Tier 4 Final

The 1200 Series offers you:

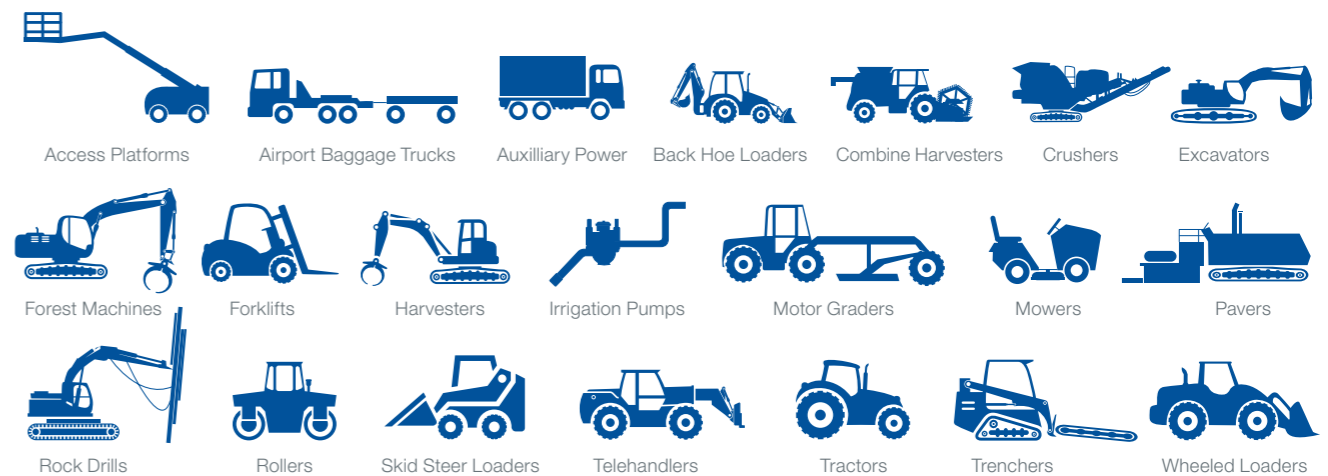
- 8% better fuel consumption than the 1100 Series
- Fast response, high power and torque levels up to 1257 Nm (927 lb-ft)
- Multiple options for flexible and compact installation
- Common hook-ups for easy transition from Tier 3
- Reliable cold starts at -25°C (77°F) as standard – up to -40°C (-104°F) with add-on cold packs
- Service free diesel particulate filters on some models
- Two year / 3,000 hour warranty (36 months on major components)

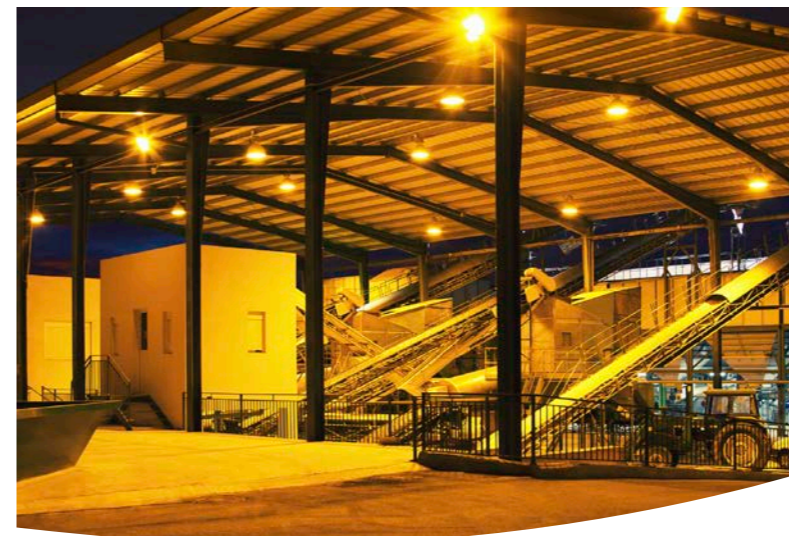
**More details:** A full product brochure and specifications are available from your nearest distributor and at [www.perkins.com](http://www.perkins.com).



Application	Perkins engines									
	400 Series 10.2-49.2 kW (13.7-66 hp)			850 Series 45-90 kW (60-121 hp)		1100 Series 36.9-205 kW (49.5-275 hp)			1200 Series 61.5-240 kW (82.5-320 hp)	
	Cylinders			Cylinders		Cylinders			Cylinders	
	2	3	4	4		3	4	6	4	6
Skid Steer Loaders			■	■						
Excavators (Including Mini)		■	■	■		■	■	■	■	
Wheeled Loaders						■	■	■	■	
Back Hoe Loaders				■		■		■		
Trenchers		■	■	■		■	■	■	■	
Harvesters							■		■	
Tractors			■	■	■	■	■	■	■	■
Irrigation Pumps							■		■	
Rock Drills							■		■	
Crushers							■		■	
Motor Graders						■	■	■	■	
Screeners				■		■				
Forest Machines						■	■	■	■	
Mowers (Lawn and Garden)		■	■							
Telehandlers				■		■		■		
Access Platforms			■	■						
Forklifts			■	■		■	■	■	■	
Airport Baggage Trucks				■			■		■	
Pavers							■		■	
Rollers			■	■		■	■	■	■	
Auxiliary Power	■									

Perkins engines power more than **5,000 different types** of applications around the world, always giving you the **performance, durability and reliability** you can trust.





### Enjoy peace of mind with warranties and service contracts

You can be assured that your engine is always well cared for, as every Perkins engine comes complete with a comprehensive warranty, offering you genuine peace of mind. We provide one year warranties for constant speed engines and two year warranties for variable speed models, which covers the following areas:

- Labour
- Materials
- Reasonable travel
- Processed claims within a two week period

Our warranties are also supported by multilevel Extended Service Contracts that can be bought additionally, offering extra reassurance that your engine is well cared for. After all, a reputation is built on trust and reliability.

### Discover more

To find out how Perkins can help transform your business and to download detailed engine specification sheets, please visit [www.perkins.com](http://www.perkins.com)

### Other useful links

[www.perkins.com/distributor](http://www.perkins.com/distributor)  
To find your local Perkins distributor.

# You can always count on us

You rely on us to deliver the highest standards of quality and innovation, which is why we design and build our engines from close customer collaboration. Our engineers will work closely with you to understand your challenges and requirements, tailoring our technology for your specific applications.

It's an approach we believe can significantly reduce your development time and costs, ensuring a maximum return on investment.

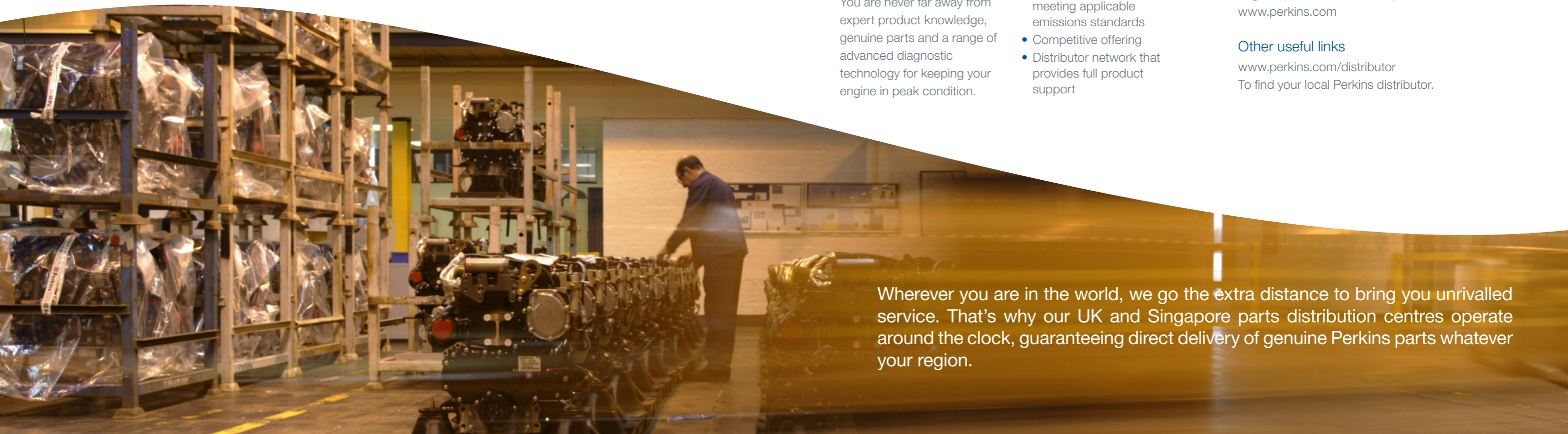
### Wherever you are in the world, you are always local to Perkins

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

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 ensure:

- World-class design and manufacturing
- Collaboration with engine experts
- Sustainable, clean engines meeting applicable emissions standards
- Competitive offering
- Distributor network that provides full product support



Wherever you are in the world, 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 whatever your region.

## Perkins Sales Offices

### Asia

#### Singapore

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

#### China

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1319 West Yan'an Road,  
Shanghai 200050  
China  
Tel: 86 21 22160774  
Fax: 86 21 52136624

#### India

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Fax: +1 309 578 7329

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