

# Wuxi



Our manufacturing facility in Wuxi, near Shanghai was established in 2007 to provide an effective regional manufacturing presence to meet the local demands of Chinese Original Equipment Manufacturers.

Wuxi, just 90 minutes from the economic and industrial powerhouse of Shanghai, offers excellent road, rail and air transport links, and an established industrial infrastructure. It's a city of some five million people, working in engineering, manufacturing, textiles, and software development.

The facility produces the Perkins® 400, 1100 and 1200 Series engines. Manufactured to industrial and electric power specifications they are designed for use in a wide range of equipment, operating in territories with less stringent emissions standards.

Engines are produced using the Caterpillar Production System established in all Perkins manufacturing operations, achieving the same efficient processes and stringent quality controls at every global facility. Production processes feature state-of-the-art computerised and robotic technology for machining, assembly, test and paint.

Wuxi also has a Research and Development Centre which is dedicated to the development of our products. This high spec facility is the forum for discussing innovative ideas, and exploring new designs and technologies for engines that are productive and efficient for our customers in the energy-saving, electronic-driven world we live in.

“ *We're proud of our commitment to excellence at Wuxi, and proud to be serving customers in China and all over the world.* ”

## Key Facts

- More than 22 million engines manufactured since 1932
- Broad industrial engine range of 0.5-18 litres and electric power range of 0.5-61 litres
- Power over 5,000 machine applications



### ***Power, service and productivity in exactly the way you want it***

As a global supplier of off-highway power solutions, Perkins brings innovation and engineering excellence into 90 years' experience of designing, building and servicing more than 22 million engines – millions of which are still powering the world, and our customers today.

Perkins is actively supporting original equipment manufacturers (OEMs) navigate the energy transition through a range of innovative and advanced product solutions including low-emissions engines available today to prototype lithium-ion batteries for tomorrow's machines.

Available with an extensive choice of options, we're able to tailor our products to meet your own unique power challenges. We know that reliability is critical to your reputation, and our range of power solutions are designed and manufactured to work harder, for longer.

### ***Efficiency powers lower-carbon performance***

Our solutions include highly engineered, field-proven engine technologies that lower greenhouse gas (GHG) emissions while delivering significant improvements in power density, performance and operating efficiency, as well as expert technician services, flexible engine repower and replacement options, and genuine replacement parts.

### ***Power solutions***

Our platform of 0.5-18 litre industrial engines deliver 7.5-597 kW (10.1-800 hp) performance and able to meet even the most extreme demands of construction, agricultural and rental applications.

Electric power engines cover 4-2500 kVA power ratings and support a wide range of applications, especially in harsh environments. Easy to service and maintain, they help reduce owning and operating costs.

In addition, Perkins engineers are developing and field testing 48V, 300V, and 600V battery configurations that can be leveraged by OEMs in the construction, industrial, material handling and agricultural industries.

Working with many OEMs, we leverage our global distributor network comprising of over 3,500 parts and service centres and best-in-class supply chain, to deliver reliable support and parts to keep your machines running at peak productivity. Through an expert and highly dedicated team, we deliver service in the way you prefer and provide reassurance that Perkins products are kept running wherever they are used around the world.

🕒 *Together, we power ahead.*

*Whatever your application, whatever power and torque you demand, and whatever global emissions standards you are working to, you can have peace of mind that Perkins has a solution for your needs.*