

## Perkins in Wuxi, China



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 (OEMs).

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 a range of 0.5 to 7.1 litre engines. Manufactured to industrial and electric power specifications, the Perkins® 400 and 1100 Series are designed for use in a wide range of equipment, operating in territories with less stringent emissions standards.

Employing more than 400 people, the facility has the capacity to manufacture up to 165,000 engines a year.

Engines are produced using the Caterpillar Production System (CPS) established in all Perkins manufacturing operations, ensuring the same efficient processes and stringent quality controls are implemented 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. ”

*Don Liu, Wuxi facility manager*

### Perkins Wuxi facts

- 23.7 acres (95,910m<sup>2</sup>)
- Capacity up to 165,000 engines per annum
- More than 400 employees
- On-site dedicated Research and Development centre

## 400 Series

The Perkins® 400 Series industrial engines are designed to give you optimised performance and robust technology appropriate for the smaller engine sector and offers an extensive family of engines in the 0.5-2.2 litre range for small off-highway applications.

With a seamless power range of 8.2-49 kW (11-66 hp) in 2, 3 and 4 cylinder models, the range offers a wide variety of ratings and configurations that can be tailored to meet the most exacting needs.

Electric power engines in the Series provide compact power and reliable performance. They're designed to provide cost effective and reliable operation for prime and standby duties, hitting the key power nodes to satisfy your power generation needs.

## 1100 Series

This is a Series of engines that gives unparalleled performance. The engines have exceptional reliability and low cost of ownership. Their trusted performance is borne out of thousands of hours of validation in the real world, working with agricultural, construction and electric power providers who value our reputation and expertise.

The 4.4 litre engines are smooth and quiet in operation with a power band of 56-106 kW (75-142 hp) and are the ideal solution for a wide range of applications, including excavators, trenchers, backhoe loaders, rollers, rock drills, tractors, wheeled loaders, forest machines, telehandlers, forklift trucks and motor graders.

The 6 cylinder, 7.1 litre engines deliver the power you need for earth moving and construction all the way through to agriculture use and warehousing. With an impressive power band of 112-205 kW (150-275 hp), the engines have all the features and benefits to meet your needs.

Engines in the electric power range give 30-250 kVA (24-200 kWe) generator output. When you need a compact design for medium-sized power generation, you will find the 1100 Series has an engine that's right for you.

“ Our highly-trained team in Wuxi work to our global standards of quality and reliability, and understand the priorities and expectations of customers in China and overseas. ”

*Anran Fu, regional marketing manager, China*



**We offer our customers, in China and the rest of the world, all the responsiveness of a local company, with the scale, reliability and guaranteed standards of a global enterprise.**