

# Curitiba



Brazil is one of the largest countries in the world in terms of territory, population and gross domestic product, and is the dominant market for off-highway diesel engines in South America.

Curitiba, capital of the country's southern Paraná province is the fourth largest economy based on industry and services in the country with excellent transport links throughout the continent.

Perkins is committed to serving the Brazil market, and at our award winning Curitiba plant, we manufacture the 1100 Series range. These engines have been selected by the leading names in the agriculture, construction, material handling and electric power sectors in Brazil and for export across South America and to other lesser regulated territories.

In addition, Perkins® 2000 Series engines are dressed at the facility, allowing us to provide customers with easy access to more than 30 different models, which are ideally suited to the local market.

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.

“ We are proud of the awards we have won at Curitiba but the satisfaction of our customers is the real measure of what we are achieving here. ”

## 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
- Support 4.5 million engines with genuine parts and service



### **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 – over four and a half million 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.*