

CATERPILLAR IN CURITIBA, BRAZIL



“ 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. ”

LET'S DO THE WORK.™

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.

Caterpillar has been a part of the development of Brazil's infrastructure since the early 1950s and helped transform the country's heavy construction industry. As a leading exporter, Caterpillar has built a strong local footprint that includes manufacturing facilities, parts distribution, financial services, marketing and demonstration centers.

At the award winning Curitiba plant, we manufacture the C4.4 and the C7.1 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.

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

At Caterpillar, we are committed to helping our customers build a better, more sustainable world, it is part of who we are and what we do every single day.

Our environment, social and governance (ESG) contributions are also an important part of who we are – a responsible manufacturing company that wants to play a part in protecting the environment and in supporting the communities where our employees work and live.

FACTS

- Global leader in diesel engine design and manufacturing since 1931
- Over 4 million Cat® products at work around the world
- Provides a 360° service offering with a worldwide network of Cat dealer support

Industries and applications. Whatever you do, we have your industry covered

A global leader in engine design and manufacturing for nearly 100 years, Caterpillar has pioneered multiple innovations that have been driving sustainable progress and helping customers build a better, more sustainable world through innovative products and services.

Today, Caterpillar's multi-pronged technology portfolio and application expertise is helping third-party original equipment manufacturers (OEMs) and equipment owners during the energy transition to a lower-carbon future.

Caterpillar supplies a wide spectrum of solutions and expertise that helps customers achieve their climate-related goals.

- Caterpillar offers a full lineup of diesel engines from 10.1 to 7644 hp (7.5 to 5700 kW) that meets U.S. EPA Tier 4 Final, EU Stage V and other equivalent emissions standards, while delivering superior performance and low operating costs.
- Cat® diesel engines can run on renewable liquid fuels and have accommodated the use of biodiesel and hydrotreated vegetable oil (HVO) certified to EN15940 or ASTM D975* for over a decade.
- Caterpillar is developing 48V, 300V and 600V batteries for the off-highway industry. The battery range uses lithium-ion technology and features a modular design to optimize performance and packaging. Furthermore, they have been engineered with sustainability in mind throughout their lifecycle, with the potential to reuse and recycle at the end of life.
- Caterpillar offers an integrated suite of connected solutions that provide exceptional visibility and actionable intelligence to optimize engine efficiency.
- The global Cat dealer network provides a full suite of proactive fleet maintenance and services backed by genuine Cat parts to help maximize efficiency and sustainability over the lifecycle of equipment. Cat dealers offer a complete range of remanufacturing and rebuild options that return components at the end of their initial serviceable lives to like new condition, reducing waste and minimizing the need for raw materials, energy and water to produce new parts.
- Caterpillar is leveraging proven expertise across the broad spectrum of market segments, applications, and new power technologies—including battery-electric and hydrogen prototypes—to recommend the ideal lower-carbon intensity power solution for equipment owners.

* Fuels must meet the specifications and characteristics described on cat.com in order to be used in Cat engines and reduce the risk of downtime.



In this world, the most demanding applications demand the most reliable performance. Cat power solutions are built to meet these demands. Between the full range of available products, the comprehensive support and go-to resources of the Cat dealer network, Caterpillar offers the complete solution for your industrial engine needs.

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