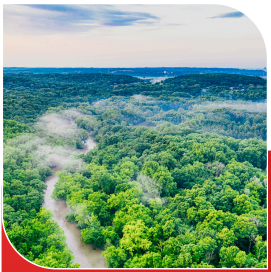


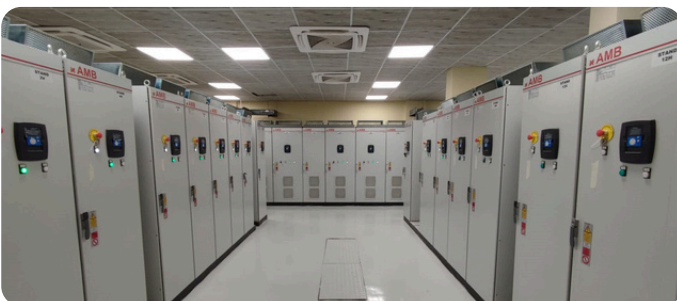


GREEN SOLUTIONS

built to last, designed for the planet



The steel industry is one of the biggest producers of pollution among all industries. It has a high environmental impact due to its polluting processes involving both water and air. For these reasons, it is necessary to study solutions that can reduce CO₂ emissions, energy consumption, and water waste.



ELECTRICAL

ENERGY CONSUMPTION IS 10% LESS
DUE TO:
new line of Inverters
high efficiency motors

COSTS SAVINGS: on distribution panels
and cabling



FURNACE

COMBUSTION OPTIMIZING BURNERS
INSULATED FURNACE STRUCTURES
AUTOMATIC COMBUSTION CONTROL
CO₂ EMISSION CONTROL SYSTEM



WATER TREATMENT PLANT

RECIRCULATED WATER TO REDUCE
WASTE

OPTIMIZED MAKE-UP WATER
CONTROL



GREEN SOLUTIONS

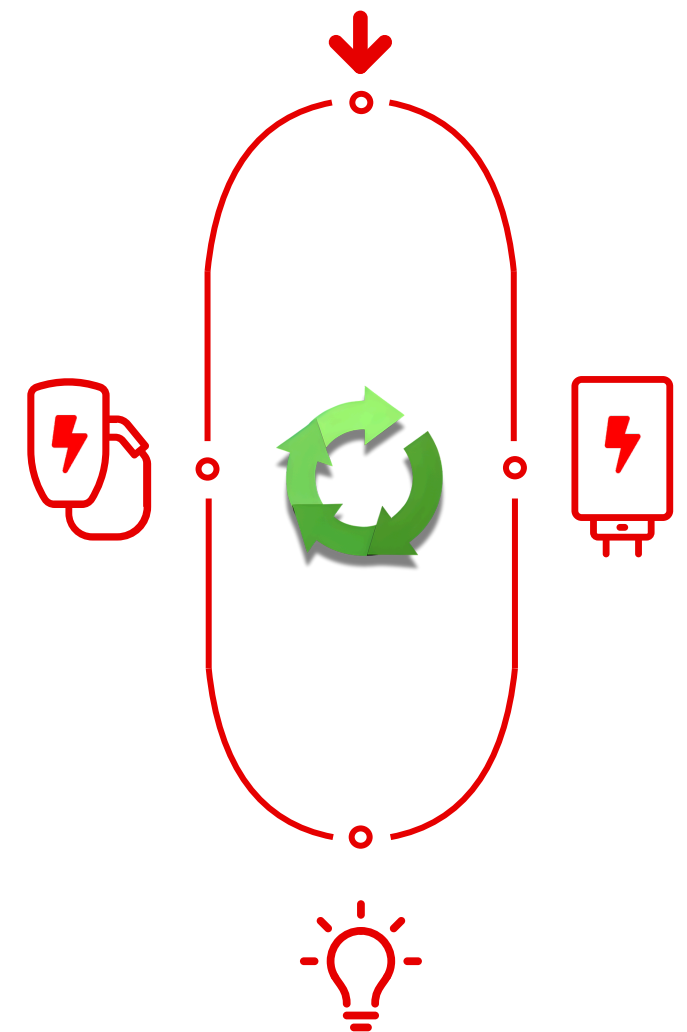
AMB has developed a **new line of inverters** capable of feeding **motors up to 10,000 A**.

This technology, combined with **high-efficiency motors**, consumes **10% less** compared to a DC drive with the same power.

AMB inverters also feature a different architecture that allows **savings on distribution panels and cable routing**.

One of the most important elements to reduce environmental impact is the reheating furnace. By implementing specific measures, it is possible to significantly **cut CO₂ emissions**. These measures include the use of **burners** that **optimize combustion and reduce fuel** consumption, **insulation structures** that **minimize** heat loss, **automatic** regulation systems to ensure efficient combustion, and **control systems** to monitor and manage CO₂ emissions.

It's very important for the steel industry to embrace a **circular approach** to avoid wasting water. AMB can support you in designing a **Water Treatment Plant**, a system that **purifies water** from pollutants before releasing it into the environment or **reusing it** in the production cycle. Each plant is custom-designed based on the customer's specific needs.

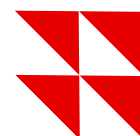


CLEAN ENERGY SMART INDUSTRY

The idea is therefore to adopt strategies for improving energy efficiency through the use of alternative and renewable energy in a perspective of reducing waste and enhancing ecosystems.

For these reasons

*our company adopted solutions
aimed at improving energy
efficiency*





Scan to access our full product brochure and technical specifications, we'll be ready with a customized proposal for your needs.



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