



COMBINED HEAT AND POWER CARDBOARD CARTIERA PIRINOLI

OWNER

Cartiera Pirinoli S.C.

LOCATION

Roccavione, Italy

PRODUCT

Taurus™ 70 Generator Set

CUSTOMER VALUE

Reduced Emissions, Energy Cost Savings, Single Source

Near the Italian Alps in Roccavione, Italy, Cartiera Pirinoli has been producing paper for over 100 years, specializing in 100% recycled coated cardboard for various applications including consumer packaging, producing over 100,000 tons per year. The Cartiera Pirinoli papermill had previously been powered by a Taurus™ 60 package, but this was recently upgraded and replaced with a new Taurus 70 generator set. Cartiera Pirinoli prides itself on their sustainability and environmental reductions, including maximizing the use of recycled material and reducing water usage and waste.

The new high-efficiency combined heat and power plant is powered by natural gas and a heat recovery steam generator. The plant produces electrical and thermal energy which

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Combined Heat and Power – Cardboard



PLANT DATA

One Taurus 70 Gas Turbine with SoLoNOx™

Heat Recovery Steam Generator

Natural Gas Compressor Set

MV/LV Plant Equipment



OUR PRODUCTS AND SERVICES

Gas Turbine Package and Auxiliary Supply

Delivery, Installation, Startup and Commissioning

Operation and Maintenance Training

Maintenance Service Agreement

COMPLETE SOLUTION PROVIDER

COMPETITIVE PRODUCT PRICE

LOCAL AND RELIABLE SERVICE

ENVIRONMENTALLY FRIENDLY

provides all the requirements of the mill's production site. With higher efficiency and SoLoNOx™ emissions technology, the mill has lowered their CO2 and NOx emissions.

Additionally, Cartiera Pirinoli purchased a maintenance service agreement from Solar Turbines for the Taurus 70 which provides a long-term service solution designed to help extend the life of the equipment by providing a fixed service cost over the long term and significantly reducing financial risk of equipment repairs. This comprehensive service offering includes several service capabilities which, when combined, can successfully maintain the operational health of the machinery and mitigate unplanned machinery downtime while extending lifecycle.

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