



COMBINED HEAT AND POWER PAPER INDUSTRY FEDRIGONI

OWNER
Fedrigoni Group

LOCATION
Italy

PRODUCT
Four Taurus™ 70 (8 MWe) Gas Turbine Generator Sets

CUSTOMER VALUE
OEM Supplier, Long-Term Relationship, Reduced Emissions, Energy Cost Savings, Single Source

Since 1888, Fedrigoni Group is one of the major global players in the production and sale of high value-added papers for packaging and graphics as well as self-adhesive products. Fedrigoni's three plants in Italy (Arco, Verona and Fabriano) leverage a combined heat and power (CHP) solution delivered by Taurus™ 70 generator sets from Solar Turbines.

In Verona and Fabriano, the most recent upgrades include three new engines with reduction gear boxes in existing packages with three new generators. These upgrades allow Fedrigoni to benefit from Italian incentives for an additional 10 years.

The papermill in Arco had previously been powered by a Taurus 70 dual-shaft package, but this was recently upgraded and replaced with a new PGM70 generator set along with a new heat recovery steam generator.

Solar® Turbines

A Caterpillar Company

Combined Heat and Power – Paper Industry



PLANT DATA

One Power Generation Module (PGM70) Gas Turbine Generator Set in Arco
One Taurus 70 Gas Turbine Generator Set In Verona
Two Taurus 70 Gas Turbine Generator Sets In Fabriano

Efficient CHP System

Natural Gas Fuel



OUR PRODUCTS AND SERVICES

Gas Turbine Package and Parts Supply

Delivery, Installation, Startup and Commissioning

Operations and Maintenance Training

Long-Term Service Agreement Leveraging InSight Platform™

RENEWED ASSETS

ACCESS TO INCENTIVES

COMPLETE SOLUTION PROVIDER

LOCAL AND RELIABLE SERVICE

All the packages are connected to InSight Platform™, Solar's technical foundation for service delivery, allowing real-time monitoring and maintenance interval extensions.

The Taurus 70 and heat recovery steam generator can deliver a maximum power of 8 MWe and approximately 16.5 tons per hour of steam. This output meets full plant load requirements for electricity and steam for all three factories which operate 24 hours a day for most of the year.

Fedrigoni views Solar as a reliable partner committed to helping its business succeed, and Solar's Customer Services organization will continue to support the company, providing a comprehensive service agreement for the turbomachinery to ensure high reliability, availability and optimum performance.

Solar Turbines Incorporated
Phone: +1 619 544 5352
Email: infocorp@solarturbines.com Web: www.solarturbines.com

Caterpillar is a registered trademark of Caterpillar Inc. Solar, Taurus and InSight Platform are trademarks of Solar Turbines Incorporated.
©2021 Solar Turbines Incorporated. Specifications subject to change without notice. All rights reserved.
CSCHP-F/0721/E0

Solar® Turbines

A Caterpillar Company