



# COMBINED HEAT AND POWER CERAMIC INDUSTRY GOLD ART CERAMICA

OWNER

**Gold Art Ceramica**

LOCATION

**Modena, Italy**

PRODUCT

**Taurus™ 60 Gas Turbines**

CUSTOMER VALUE

**Reliable, Efficient, Environmentally Friendly  
Power**

Gold Art Ceramica was founded in 1989 as a family company and is now internationally recognized in the global ceramics industry. Gold Art Ceramica develops products that are increasingly innovative and in step with market trends. With a history of study, research and technological investments, Gold Art Ceramica is now positioned as a high-end brand in the ceramic industry.

For over 30 years, the company has strived for improvement. This dynamic and farsighted spirit can be found in the many investments made, especially in recent years. Gold Art Ceramica invested in the production of electricity and thermal energy to the latest generation atomizer along with the construction of a new grinding and preparation of doughs.

**Solar® Turbines**

*A Caterpillar Company*

## COMBINED HEAT AND POWER - CERAMIC INDUSTRY



### PLANT DATA

One Taurus 60 (5.67 MWe) Gas Turbine

Duct Connection to Atomizer, Including Dampers and Bypass Stack

Medium and Low Voltage Electrical System

Natural Gas Fuel

### OUR PRODUCTS AND SERVICES

Design

Taurus 60 Gas Turbines and Auxiliary Equipment

Start Up and Commissioning

Operation and Maintenance Training

### EMISSION REDUCTION

### MODERNIZATION OF PLANT

### QUICK RETURN ON INVESTMENT

### HIGHLY EFFICIENT

The combined heat and power (CHP) system provides power for the entire plant, and the excess electrical power is sold back to the local electric utility grid. Additionally, the heat from the exhaust gases are recovered into the atomizer used for drying the slip. Cefla Engineering has built the cogeneration plant.

Thanks to the full integration of the Solar® gas turbine CHP system, the overall efficiency of the plant is very high which translates into a high rate of return on the initial investment. The turbine installation not only makes commercial sense, but benefits the environment by reducing CO2 emissions. InSight Platform™ from Solar Turbines allows for remote monitoring, diagnostics and maintenance optimization.

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