



SUGIMAT

Efficient Engineering Solutions

FOSSIL FUELS

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1

Efficient Engineering Solutions

Sugimat is a family business with more than 40 years of experience in the heat generation and specializes in the development of custom projects.

We are dedicated to the design, construction and installation of turnkey energy solutions with steam, hot water, molten salts and thermal oil boilers through the use of renewable energies and fossil fuels.

We have more than 3,000 installations spread across 28 different countries in sectors as diverse as chemical, solar thermal and biomass.

- 10 International offices
- References in 28 countries



Hallmarks

QUALITY

- ISO 9001/2015
- Asme Stamps U, S and R
- Directive 2014/68/UE of Pressure Equipment

INNOVATION

We have an R + D + i department with more than 20 engineers and a combustion laboratory.

VERTICAL INTEGRATION

Since 1978 we have developed turnkey projects adapted to the needs of each client.

PRODUCTS

Fluids



Oil / 400°



Salts / 550°

Auxiliary boilers of 36 MW
Morocco

1.

PRODUCTS

Fuels

We design and manufacture thermal oil boilers working at very low pressures, which increases safety and reduces the risk of explosions.

In addition, we offer molten salt boilers specially designed for the chemical and solar thermal plants, providing operating temperatures close to 550°C in unpressurized operation with good heat transfer properties.

FOSSIL

Gas

Diesel-oil

Fuel-oil

Coal



Combustion system



We offer solutions for the use of fossil fuel for both horizontal and vertical boilers, from low power to large special projects.

- Burner

Fossil fuel plants

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Sugimat is the world leader in design, manufacture and installation of auxiliary heaters for solar thermal plants (CSP). These auxiliary boilers allow keeping the plant in operation if case of insufficient solar radiation.

They also enable to keep the fluid at optimal temperature for the proper maintenance of the plant in case there are unfavorable environmental conditions or prolonged shutdown.



Auxiliary boiler of 9 MW
South Africa



CUSTOM-MADE PLANTS

7



Auxiliary boiler of 36 MW
Spain

2.

CUSTOM-MADE PLANTS

We adapt our equipment
to your specifications

A.



We guarantee the ATEX standards

We comply with the necessary instrumentation for the design of facilities under the ATEX standards, which operate in explosive environments.

B.



Heat recovery for energy saving

We design our equipment to favor energy saving by recovering part of the heat generated in the process, which leads to economic savings.

C.



Equipment specialized in high temperatures

Our boilers, which work at high temperatures, meet the most demanding standards. A knowledge acquired with our experience in solar thermal plants.

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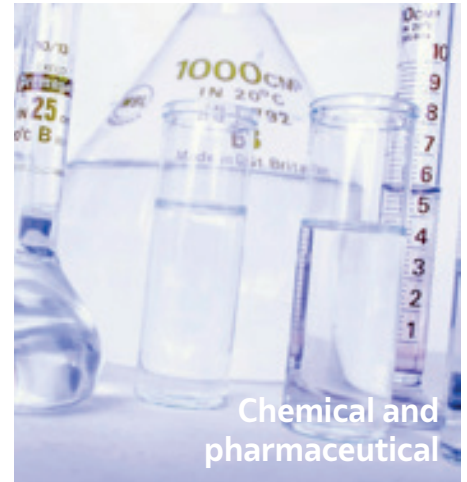


3.

SECTORS



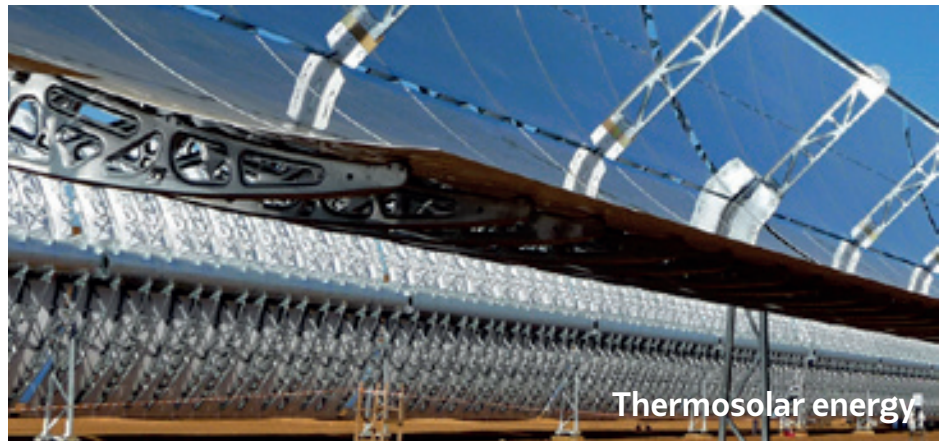
Agroindustrial



Chemical and pharmaceutical



Mining and cement



Thermosolar energy



Food and distillery



Metallurgy



Petrochemical and asphalt



Textile and tunning

4.

CLIENTS



INTERNATIONAL OFFICES

France

sales.france@sugimat.com

Estonia

sales.estonia@sugimat.com

Germany

sales.germany@sugimat.com

Italy

sales.italy@sugimat.com

Poland

sales.poland@sugimat.com

Portugal

sales.portugal@sugimat.com

Russia

sales.russia@sugimat.com

UK

sales.uk@sugimat.com

USA

sales.usa@sugimat.com

HEADQUARTERS (SPAIN)

C/ Colada d'Aragó s/n
46930 Quart de Poblet (Valencia)
sales@sugimat.com
Tel.: +34 96 159 72 30

www.sugimat.com



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