

INMESOL, A MURCIA-BASED COMPANY LEADER IN GENSETS EXPORTS, RECEIVES THE VISIT OF THE PRESIDENT OF THE AUTONOMOUS COMMUNITY OF MURCIA

The factory, located in Corvera, sells products to over 80 countries, and has generated nearly 50 job positions since 2012 and closed 2015 with a 27.1 million euros turnover

Inmesol, a gensets manufacturer located in Corvera, received last March the visit of the **President of the Autonomous Community, Pedro Antonio Sánchez, and the Economic Development, Tourism and Employment Counsellor for the Government of Murcia, Juan Hernández Albarracín.** José Luis Solano, President of the Grupo Solano, Inmesol's parent company, was in charge of leading them through the facilities, showing the work they perform at the factory.

Inmesol is a relevant company in terms of job creation in the Murcia Region, having created nearly **fifty direct and indirect jobs in the past five years.** It is therefore considered as an economic driver at the Corvera municipality, as well as throughout the Region. The current payroll includes **108 employees,** and 52 people working for the company indirectly.

“ THE CURRENT PAYROLL INCLUDES 108 EMPLOYEES, AND 52 PEOPLE WORKING FOR THE COMPANY INDIRECTLY.

The Company, which is Spain's largest gensets manufacturer with 100% Murcian capital, has a presence in a large number of markets, and today continues to multiply its production capacity. It has significant technological developments for its products' manufacturing and a high level of specialized staff. Inmesol gensets can usually be found in industries, residential areas, sports centres, public works, hospitals, and hotels, among others.



Management Team with the President of the Autonomous Community and the Economic Development, Tourism and Employment Counsellor for the Government of Murcia.

During the visit, Inmesol's executives explained to the members of the Community Executive Committee about the work performed at the factory, the different production stages, and the latest technology that has turned Inmesol into one of the companies with the highest bet on research in the industry.

The company, led by its president **José Luis Solano,** had its **25th anniversary** a few months ago, and is today present in 5 continents. As Solano said “the interest shown by the Regional Government into getting to learn more about Inmesol, both in the facility and in the work developed at the factory, is very important for our company, as it has taken us only 25 years to reach the highest level of internationalization in regards to gensets.”

ENVIRONMENTAL AWARENESS

Inmesol is committed to Environmental sustainability. Being certified in **ISO 9001 quality standard and ISO 14001 environmental standard** for design, manufacture, marketing, and technical support for gensets, lighting towers, engine-driven welders, PTO driven generators, and hybrid systems, is the



Moments during the visit to the facilities of Inmesol.

evidence of this. Such certifications ensure that the equipment manufactured by Inmesol exclusively with European components meet both the European and international **strict standards,** including those related to gas emissions into the atmosphere and noise emissions.

GROWTH

Inmesol's path over the last years is marked by growth. Since 2012 the company **has increased its turnover in 6.5 million euros,** despite the economic crisis, closing 2015 fiscal year with a 27.1 million euros turnover.

THE NEW INMESOL RENTAL RANGE AT BAUMA 2016

BAUMA 2016 is the showcase where INMESOL will display the different genset models from its new Rental Range.



This is the most important and majestic exhibition in the world for the construction and mining sectors.

Manufacturers of construction and mining machinery, materials, and equipment introduce the latest developments and innovations that have been incorporated into their products, and thousands of professionals from both sectors come together over the

QUALICOAT paint, providing high resistance to ultraviolet radiation and ensuring durability even under adverse environmental conditions.

- 2.- **Lifting hook** guaranteeing stability and security in transport operations.
- 3.- **Upper air outlet** contributing to the reduction of noise emissions.
- 4.- **Large access door** for easier maintenance operations.
- 5.- **Doors soundproofing** protected by wire mesh.
- 6.- **Large lifting lugs** that facilitate handling during transport.
- 7.- Engine in compliance with **STAGE IIIA standard**



seven-day Fair, that has celebrated last year his 31st edition.

The new sets that INMESOL will showcase at the fair have been designed considering all the important details for the Rental sector.

KEY FEATURES:

1.- **SOUNDPROOF CANOPIES** with materials that ensure low noise emission levels and painted with

8.- **Control board protected** against rain, shock, or unwanted access through a lockable door.

9.- **Oversized skid** of great strength for protecting the base frame and control board against potential shock during handling operations.

10.- **24h Fuel tank** with internal reinforcement and baffles that prevent sudden fuel movements when the set is transported with a full tank. Large filling point.

11.- **Fluid collecting tray** (able to hold up to a 120%).

12.- **Access to hook** for towing.

13.- **BASE KIT**

Safety battery cut-off (on-off battery switch)

The equipment includes a removable piece, similar to a handle, that, when removed, prevents the equipment from being manipulated.

INMESOL Rental Range gensets are perfect for working in severe weather conditions. A robust, compact, and technically innovative equipment.

Advanced technology is included in their control and protection units, but very easy to handle.



They can meet any requirement, including the **European regulations on low noise emission and gas emission levels.**

Depending on the chosen power and engine, a wide range has been developed:

RENTAL GENSETS IN PARALLEL:

Today, many renters are extending/renewing their fleets with Rental gensets, ready to work in parallel. These help them provide a **greater flexibility** for servicing facilities with variable loads, saving fuel and increasing the equipment useful life.



Rental gensets working in parallel.

The use of Rental gensets in parallel is very common in facilities where an event (concert, football game, etc.) will be held, where the supply must be fully insured.

PARALLEL GENSETS: POWER AND EFFICIENCY INTEGRATED INTO A SINGLE SYSTEM



Two INMESOL IT-865 model parallel on Island, mains-synchronised gensets.

This system has been designed for a Hospital located in Dominican Republic, an area where the existing mains experience energy demand peaks exceeding their capacity.

There are two 900 KVA LTP soundproof gensets, model IT-865, equipped with an MTU Diesel engine, at 60 HZ.

Each genset has a panel integrated into the sets' chassis for island synchronisation with the DSE 8610 control module (to synchronise both sets with each other), along with a shared external ATS panel for the sets and the mains, which enables the synchronous operation of both gensets with the mains. The DSE 8660 control module and two 2500A motorised thermomagnetic circuit breakers are the components of this ATS panel.

The sets can operate in two different ways with this system:

As a backup in the event of mains failure:

The sets are in stand-by when the mains are available within acceptable parameters.

In the event of mains failure, both sets will start simultaneously, synchronise, and take on the load. Depending on the load required by the facility at any given time, both sets will continue supplying power, or one will stop and the other will take on the full load until consumption is above a specific (programmable) threshold, at which point the second set will start again, synchronise with the first set, and take on the load.

When the mains are back up, and acceptable voltage and frequency parameters are reached, both sets will synchronise with the mains and the load will be transferred to the latter without losing power supply at any point. After an acceptable cooling time, the sets will stop, leaving them ready to start on the next mains failure.

To support excess in energy demand:

For this configuration, the gensets will start simultaneously, synchronising with each other and with the mains, to start supplying power along with the mains when the facility's energy demand is higher than the supply available through the mains. There are two operational modes in this configuration:

- › The sets' control modules can be configured for peak-shaving, a mode where the sets will provide the energy that cannot be supplied by the mains to the facility, balancing the power supplied by the sets according to the facility's needs, and consuming the maximum energy available or up to the limits contracted through the mains.
- › Additionally, the sets' control modules can be configured to have the sets providing a steady (adjustable) power, leaving the energy demand changes of the facility to be supplied by the mains. This mode is known as base-load.



2500 A ATS panel, enabling the synchronised operation between both sets and the mains.



ADAPTED

TO THE

UNPREDICTABLE

SB

STAND-BY

RANGE

www.inmesol.com



New INMESOL Mod.- 300-400 canopies design.



INMESOL canopies' range.

SEALED CHASSIS BECOMES A STANDARD ACROSS THE RANGE OF CANOPIES

The sealed chassis is no longer an optional feature and has been extended to all canopies of generator by INMESOL, turning it into a standard accessory.

Later last year, the sealed chassis was included in the 300-400 model generator set, as informed through the post: "We Introduce the Latest News on Canopy Design of INMESOL Mod.- 300- 400 and its advantages."

This was made extensive to the whole range of canopies made by INMESOL a few months later.

Some countries to where we export have strict regulations regarding the prevention of liquid spillage to the outside, while others have no regulations established. Gensets with an anti-spill or anti-drip tray were provided for the former ones as an optional accessory.

With this new completely sealed chassis design we comply with the regulations for the prevention of liquid spillage to the outside, eliminating possible fuel leakage to the soil and, therefore, any possibility of contamination.

By including it within the range of available gensets as a standard accessory it becomes cost-effective for the clients, as the need to purchase anti-drip trays in order to comply with the previously mentioned regulations becomes unnecessary.

The chassis is the bottom of the canopy. It contains the single-block engine alternator and the genset's fuel tank, among other elements. Any possible spillage of the liquids the engine needs, whether it's the fuel, oil, or coolant, will be contained within the sealed chassis. Afterwards, these possible spillages may be emptied in a controlled manner through the use of a hermetically sealed plug.

GENSETMEETING2016

Gensets - Hybridization with renewable
MADRID, 21 April

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INMESOL
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Inmesol, S.L. company with ISO 9001 quality management system certificate and ISO 14001 Environmental Management System Certificate for the: "Design, manufacture, marketing and technical assistance of power generators, lighting towers, welding generators, tractor with PTO generator and hybrid generation systems."



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