

PROJECTS

AROUND THE WORLD



8 FACTORIES | 10 AFFILIATES



AIRPORT

TIBET | THE HIGHEST AIRPORT IN THE WORLD



HIMOINSA®
THE ENERGY

3,18 MVA P.R.P

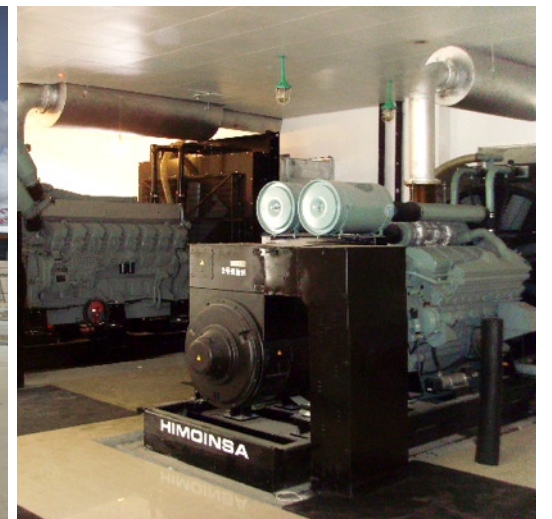
AIRPORT

TIBET | THE HIGHEST AIRPORT IN THE WORLD

Three triphase generators at 50 HZ of 1060KVA

The Xigaze Peace airport, in Tibet, has been one of the biggest projects of the Civil Aviation Administration of China and is built to meet the tourism needs in the area, with passenger traffic of three million people a year. Located 4,500 meters above sea level, it is one of the most inaccessible areas in the world, this being one of the main challenges for HIMOINSA. With night temperatures that reach -20 ° C and a risk of rainfall of 422.2 mm, the company supplied three emergency generators capable of becoming operative within seven seconds after any failure in the supply. Three triphase generators at 50 HZ of 1060KVA were delivered, with Stamford alternators, and an energy supply capacity of more than 250 hours, fulfilling one of the expectations of one of the most important tourist projects in China.

HIMOINSA®
THE ENERGY



RAILWAY TUNNEL

SWITZERLAND | THE LONGEST RAILWAY TUNNEL IN THE WORLD



HIMOINSA®
THE ENERGY

4 MVA P.R.P

RAILWAY TUNNEL

SWITZERLAND | THE LONGEST RAILWAY TUNNEL IN THE WORLD

three generators have been delivered; one of 1030kVA, another of 1530kVA and a third of 780 kVA

With a length of 57 km and a total of 151.84 km of tunnels, the Gotthard Base rail tunnel crossing the Swiss Alps is the longest in the world. HIMOINSA supplies power to several sections of the tunnel, whose works are under construction since 1996, through VISA, its distributor in the French-speaking area of Switzerland. For the moment, three generators have been delivered; one of 1030kVA, another of 1530kVA and a third of 780 kVA. During this year, another generating set with a power ranging from 1500 to 2000 kVA will be delivered. With projects of this kind, HIMOINSA intensifies its operational capacity in the heavy duty market.

HIMOINSA®
THE ENERGY



DATA CENTER

ECUADOR | EMERGENCY POWER SUPPLY



HIMOinsa®
THE ENERGY

19,2 MVA P.R.P

DATA CENTER

ECUADOR | EMERGENCY POWER SUPPLY

24 soundproof groups, in a 20' container, with MTU engines, for operation in parallel with load sharing

HIMOINSA has provided a system of emergency power to the Telconet Cloud Centre, the most important data centre in Ecuador. The project has enabled the creation of an interconnection within Ecuador, from Quito and Guayaquil to the world. Telconet Cloud Centre is in TIER IV category (with a capacity of 400 racks), representing a null and almost non-existent margin of error. It is, therefore, the first TIER IV certified data centre in Latin America. To do this, HIMOINSA has offered an energy system with HMW-810 T6 generating sets under the 2N + 1 configuration, which means the installation of 24 soundproof groups, in a 20' container, with MTU engines, for operation in parallel with load sharing.

HIMOINSA®
THE ENERGY



OIL RESERVES

BAKKEN | USA | ENERGY SUPPORT TO LARGE OIL RESERVES



HIMOINSA®
THE ENERGY

OIL RESERVES

BAKKEN | USA | ENERGY SUPPORT TO LARGE OIL RESERVES

**More than 20 rental sets
in prime power
from 20 to 1000KW.
40 more 310kVA generators have
been recently delivered**

Hipower, the North American affiliate of HIMOINSA, together with Hertz Energy Services, provide technologically-advanced energy solutions to distribute and produce energy in the works for the exploitation of the large Bakken oil reserve, in the USA, from which the oil necessary to maintain the fuel economy of the USA for 41 years is extracted. More than 20 rental sets in prime power from 20 to 1000KW have been supplied, which stand out for the resistance and robustness of their fuel tank. They are, therefore, energy generation units that can be rented as mobile energy sources. In addition, 40 more 310kVA generators have been recently delivered. This is, therefore, a vast work requiring the gradual incorporation of HIMOINSA generators that provide power for the oil extraction work.

This proves, without any doubt, that HIMOINSA designs generators adapted to the requirements of all international sectors, markets and needs.

HIMOINSA®
THE ENERGY



MARINE

HIMOINSA MARINE GENERATOR ON BOARD THE OCEANOGRAPHIC RESEARCH VESSEL



HIMOINSA®
THE ENERGY

MARINE

HIMOINSA MARINE GENERATOR ON BOARD THE OCEANOGRAPHIC RESEARCH VESSEL

**a very compact machine, with
spacious access for
maintenance, which will
provide full accessibility for the
maintenance operation**

HIMOINSA has installed an electric generator on the oceanographic research vessel "Francisco de Paula Navarro", which will supply power for its expeditions. The research vessel, which is 30.46 m long, has a capacity for 17 people and is owned by the Spanish Ministry of Science and Innovation and the Spanish Oceanographic Institute, is currently undergoing refurbishment. This process includes the project with HIMOINSA. The engineering team of the multinational's Marine Division has designed a very compact machine, with spacious access for maintenance, which will provide full accessibility for the maintenance operations.

HIMOINSA®
THE ENERGY



CRANES

TENERIFE | ENERGY SOLUTION FOR PORT INDUSTRY



HIMOINSA®
THE ENERGY

CRANES

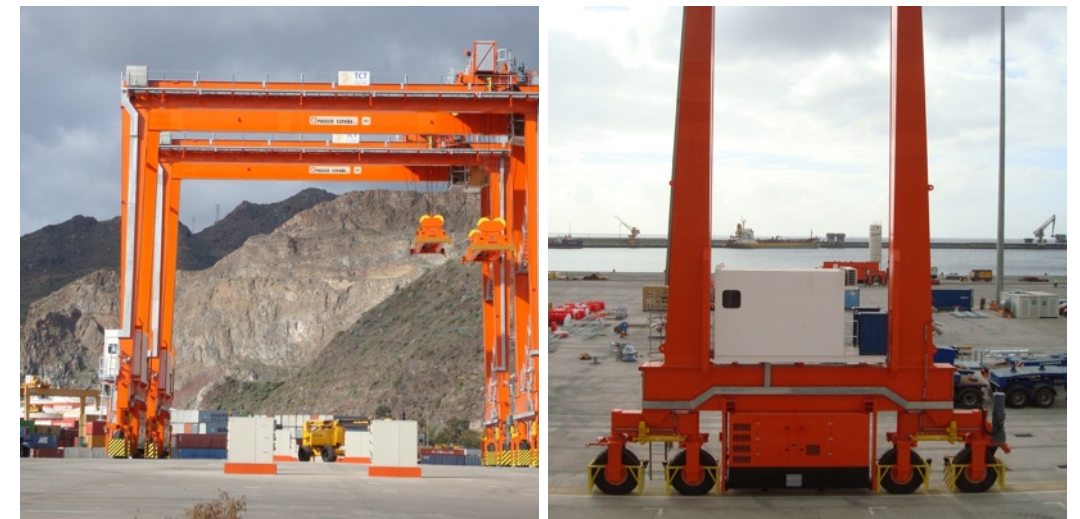
GIBRALTAR | HIMOINSA offers ENERGY SOLUTION FOR PORT INDUSTRY

HVW480 generating set, fully customised to the needs of the Transtainer crane

HIMOINSA generating sets, designed for container mobilisation equipment, supply power to five RTT Transtainer cranes which PACECO ESPAÑA S.A. has in the Port of Tenerife. After several months of work, the Power Solution engineering team of HIMOINSA has designed the HVW480 generating set, fully customised to the needs of the Transtainer crane, ensuring it is fully integrated and can be used in container terminals and storage yards.

The crane incorporates a fuel-saving system, so that during waiting time until vehicles arrive to load or unload goods, the system automatically reduces the revolutions of the diesel group to minimum tick over speed, resulting in fuel saving.

HIMOINSA®
THE ENERGY



SUBWAY

POLAND AND PANAMA | APOLO 4006 LIGHTING POWER



HIMOINSA®
THE ENERGY

SUBWAY

PANAMA | HIMOINSA APOLO 4006 LIGHTING POWER LIGHTS PROJECTS AS PANAMA SUBWAY

Its 60 hours autonomy enables it to perform in big Works as the Panama Channel enlargement and industrial projects in Qatar, Saudi Arabia and United Arab Emirates.

The Linea 1 committee, composed by the Spanish building firm FCC and the Brazilian Odebrecht, chose HIMOINSA APOLO 4006 lighting towers to carry out the building works of the Panama underground which is expected to be finished in 2014. The underground expects the building of 13 stations, 8 of them underground and 5 lifted with 110 meters long of platform. Building this sort of infrastructure requires special lighting conditions. Due to most of the works are carried out at night and its location in urban areas, the selected should product guarantees a continuous supply and a limited sound level.

The projects where the APOLO 4006 lighting tower has been used have proofed the product quality. The enlargement of the Panama Channel and other industrial and mining projects as Qatar, Arabia Saudí, Omán, Emiratos Árabes and Barheim are a sample of its extreme conditions resistance. Among its components, it has a steel canopy, protect from weather harshness. Its superficial finishing of epoxy-polyester protects from corrosion. Besides, among its components there are four galvanizing stabilizer which level and establish the tower in irregular ground and against strong wind gusts.



HIMOINSA®
THE ENERGY

POWER PLANT

GIBRALTAR | THE GIBRALTAR POWER PLANT REINFORCES ITS ENERGY SUPPLY WITH HIMOINSA GENERATORS



HIMOINSA®
THE ENERGY

7,5 MVA P.R.P

POWER PLANT

THE GIBRALTAR POWER PLANT REINFORCES ITS ENERGY SUPPLY WITH
HIMOINSA GENERATORS

**the Gibraltar Electricity Authority,
reached an agreement with
HIMOINSA in June 2012, through
the company Portman Ltd, to
ensure energy support to the
current power station**

Gibraltar does not have an electricity network, it produces its own energy with generators. At present it has a power station to guarantee supply to the population. With an approximate population of 29,500 inhabitants, Gibraltar has a constantly increasing energy demand. Gibelec, the Gibraltar Electricity Authority, reached an agreement with HIMOINSA in June 2012, through the company Portman Ltd, to ensure energy support to the current power station. Along these lines, HIMOINSA has supplied generators that produce energy on a permanent basis, both to cover peak demand and to provide supply when other station generators experience faults or undergo maintenance checks

HIMOINSA®
THE ENERGY



POWER PLANT

ANGOLA | MORE THAN ENERGY SOLUTION



HIMOINSA®
THE ENERGY

35 MVA P.R.P

POWER PLANT

ANGOLA | MORE THAN ENERGY SOLUTION

**35 MVA P.R.P and
delivers to the network
25 MVA of continuous
power, with a voltage of
15,000 volts at 50 Hz**

The steady economic growth of Luanda-Angola obliges the country to reinforce their power production, looking for solutions such as the creation of a power plant. The Ministry of Energy and Water of Angola - MINEA – has awarded HIMOINSA the construction of a power plant which generates a power of 35 MVA PRP and delivers to the network 25 MVA of continuous power, with a voltage of 15,000 volts at 50 Hz. The engineering development of HIMOINSA has allowed the integration into the plant of control and communications systems with in-house technology and auxiliary equipment from the leading brands in the world market, which allows more than a mere energy supply, the comprehensive development of the population.

HIMOINSA®
THE ENERGY







TELECOM

DOMINICAN REPUBLIC | GENERATING POWER FOR THE TELECOMS SECTOR



HIMOinsa®
THE ENERGY

Companies such as Orange and Claro-Codetel have chosen HIMOINSA

HIMOINSA, a leading company in the power supply market, manufactures and supplies gensets used to meet the needs of the telecoms sector. Mobile phone companies such as Orange and Claro-Codetel have chosen to use HIMOINSA to generate the electricity needed to power their base stations, some of which are in remote, difficult to reach locations. In light of this challenge, the multinational energy provider supplies special gensets capable of securing a constant supply of power in areas where meteorological conditions or inaccessibility hinder permanent access to refuel and maintain equipment. The telecoms sector requires an uninterrupted supply of power, which means there is no margin for error. Customers in this market demand an unbroken and efficient supply of energy using continuous gensets as well as emergency gensets to provide power if a continuous genset fails or its fuel runs out. The multinational is able to totally fulfil these requirements, which has allowed it to gain an ever increasing share of the telecoms sector year on year.



TELECOM

GENERATING POWER FOR THE TELECOMS SECTOR

More than 20 telecom companies have choosen HIMOINSA gensets in Europe



EUROPE

Telefonica
Movistar
Amena
TMN
Orange
Optimus
Portugal
Telecom
Vodafone
ECUS
TIM
Spectrum Link

Flex Jet
Lucent Waterloo
Ab Lietuvos
Telekomas
Sonofon A/S
Polkomtel S.A
Lilgigren
AB Lietuvos
Telekomas
TVF
TVP



HIMOINSA®
THE ENERGY

TELECOM

GENERATING POWER FOR THE TELECOMS SECTOR

ASIA

Digicel
Banglalink
Grameen Phone
Samart Telecom
Cadcomms
China Mobile
China Netcom
China Telecom
China Unicom
Indosat
Telekomsel
Pt Indo Prima
Salindo
Excelcomindo
Maxis
Dhriaagu
Paktel
Sri Lanka Telecom
Samart Telecom
TT & T
Viettel
Guang Zhou P&T
Fu Jian Nanping P&T
Jishou Xiangxi
Autonomous
Prefecture
Hunan Hengyang
P&T

Gui Guang Post and
Telecommunications
Office
Fu Jian Yongan P&T
Changsha Telecom
Fu Jian Shaxian P&T
Fu Jian Zhangpu
P&T
Fu Jian Shanghang
P&T
Fu Jian P&T
Fu Jian Fundin P&T
Hainan Lingshui P&T
Fu Jian Fuzhou P&T
Fu Jian Xiamen P&T
Fu Jian Yongtai P&T
Fu Jian Anxi P&T
Fu Jian Huian P&T
Fu Jian Xianyou P&T
Shaoxing Telecom
Zhejiang Telecom
Spectrum Link
Quanzhou Telecom
Putian Telecom
Yuyao Telecom
Hubei Telecom
Qinghai Telecom

**More than 5.000 HIMOINSA
gensets for the telecoms
industry only in Indonesia**



HIMOINSA®
THE ENERGY

TELECOM

GENERATING POWER FOR THE TELECOMS SECTOR

**100 units sold for Ericsson
only in Morocco**



AFRICA

Angola Telecom
Vodacon
TMN
Camusat
Ericsson
Marroc Telecom
France Telecom
Tunisiana
Airtel
Orange
Private at Addis
Ababa

Meditel
RTT
Alcatel
Viattel
Tigo
MTN
Moov
Togo Cellulaire
Cell C



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THE ENERGY

TELECOM

GENERATING POWER FOR THE TELECOMS SECTOR

More than 400 units sold in Dominican Republic

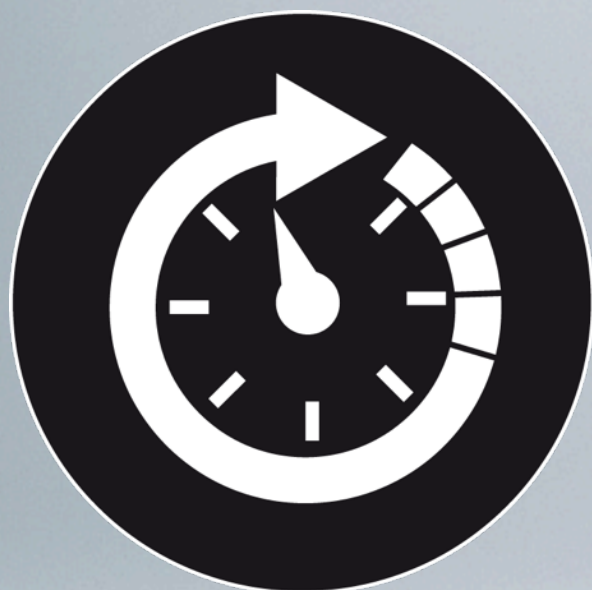
AMERICA

Digicel
Singular
Sprint
Cable & Wireless
Alcatel
Movicom
Telefonica de
Argentina

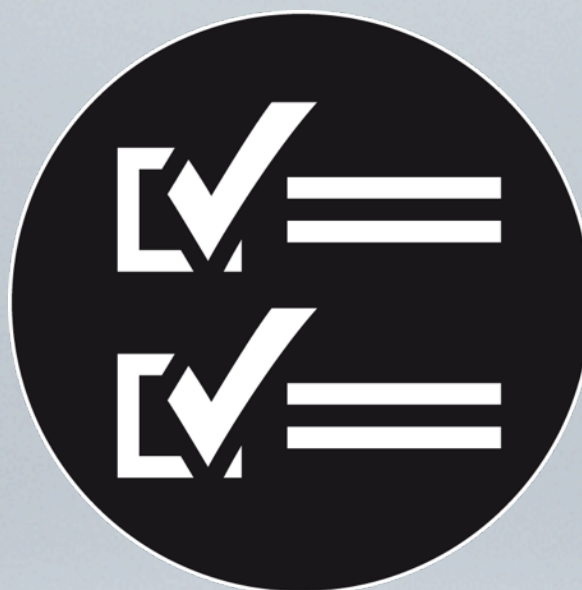
Ericcson Federcom
Metrorren
Orange
Tricom
Viva
Claro
Wind Telecom



HIMOINSA®
THE ENERGY



Durability



Efficient



Parts & Service

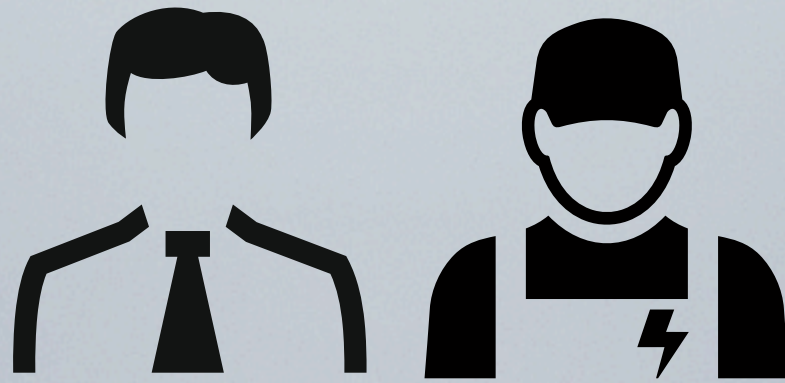


8 FACTORIES



10 AFFILIATES





+ 100 COUNTRIES



HIMOINSA®
THE ENERGY

THANKS



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