

**Indar Electric**, an Ingeteam company, breaks molds by making our electrical rotating machines and frequency converters robust in design, reliable in performance, made to purpose and silent.



## World class testing facilities

Quality is not at stake in INDAR, it is a must for us to guarantee the reliability. To this respect our test bench is one of the best in the world. The main capabilities are:

- On load tests all our power range.
- Back to back load test with PWM drives.
- Electrical and thermal insulation ageing.
- Tests of extreme ambient condition (climatic chamber from -30 °C to 80 °C).

## Our Values

**ONE TEAM 100% MARINE THINKING.**  
We make our products with passion as one unique team. **PERFECTION is not good enough.**

## Our Philosophy

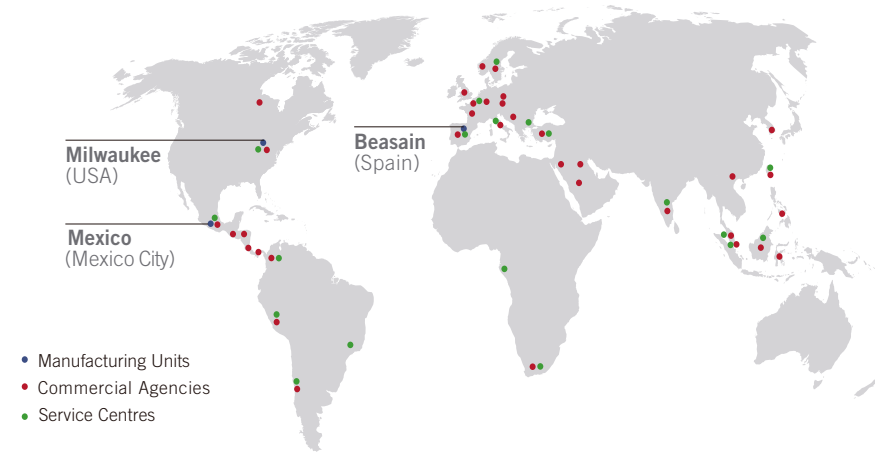
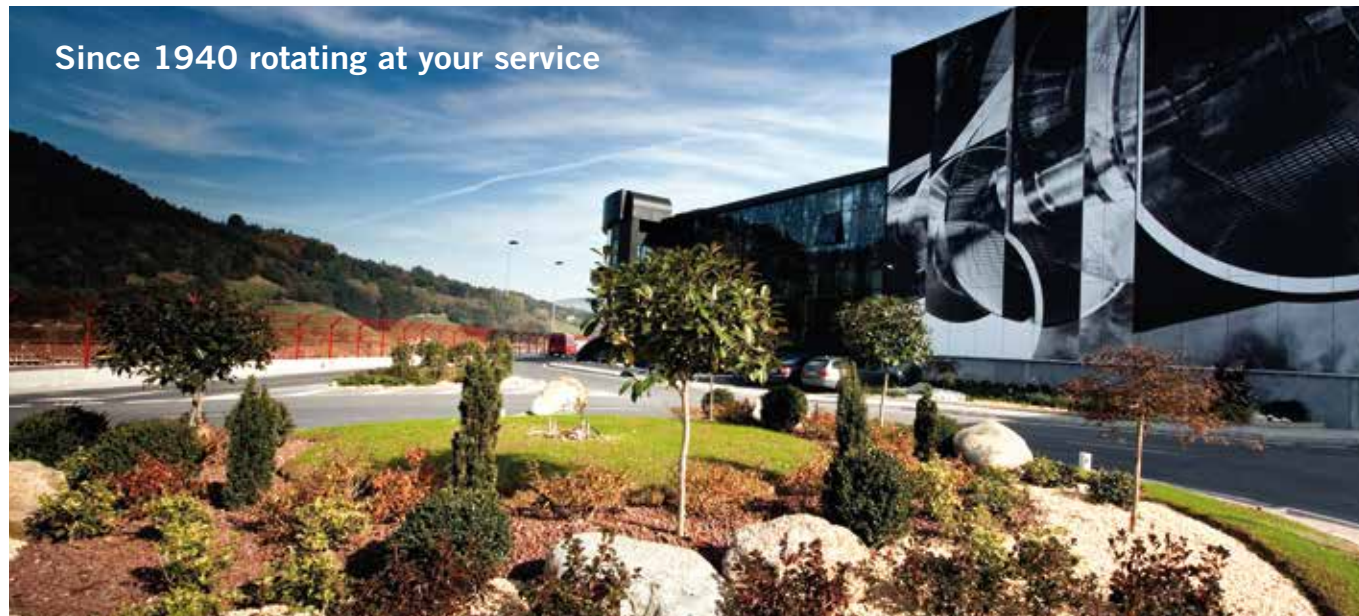
**100% marine oriented:** cooperation and partnership with the ship owners, shipyards and propulsion system integrators forms part of our philosophy, with a dedicated and unique treatment in the relationship, and with a clear purpose: Hard work and long term partnering funded in trust.

## Marine Certifications

Any INDAR Propulsion motor is approved and compliant to the classification society given for the vessel.



Since 1940 rotating at your service



Your driving force



**INDAR MARINE**  
MOTORS, GENERATORS AND DRIVES



# GENERATORS, CONVERTERS AND ELECTRIC MOTORS; OUR CONTRIBUTION TO YOUR SYSTEM



## COMPETITIVE ADVANTAGES

Our electric propulsion equipment is manufactured to provide optimal efficiency, reliability and performance level to vessels requiring such equipment.

Generators, converters and electric motors are designed and manufactured under **INDAR DRIVE PRODUCTS**. Since we are designers and manufacturers, we achieve **highly competitive results**.

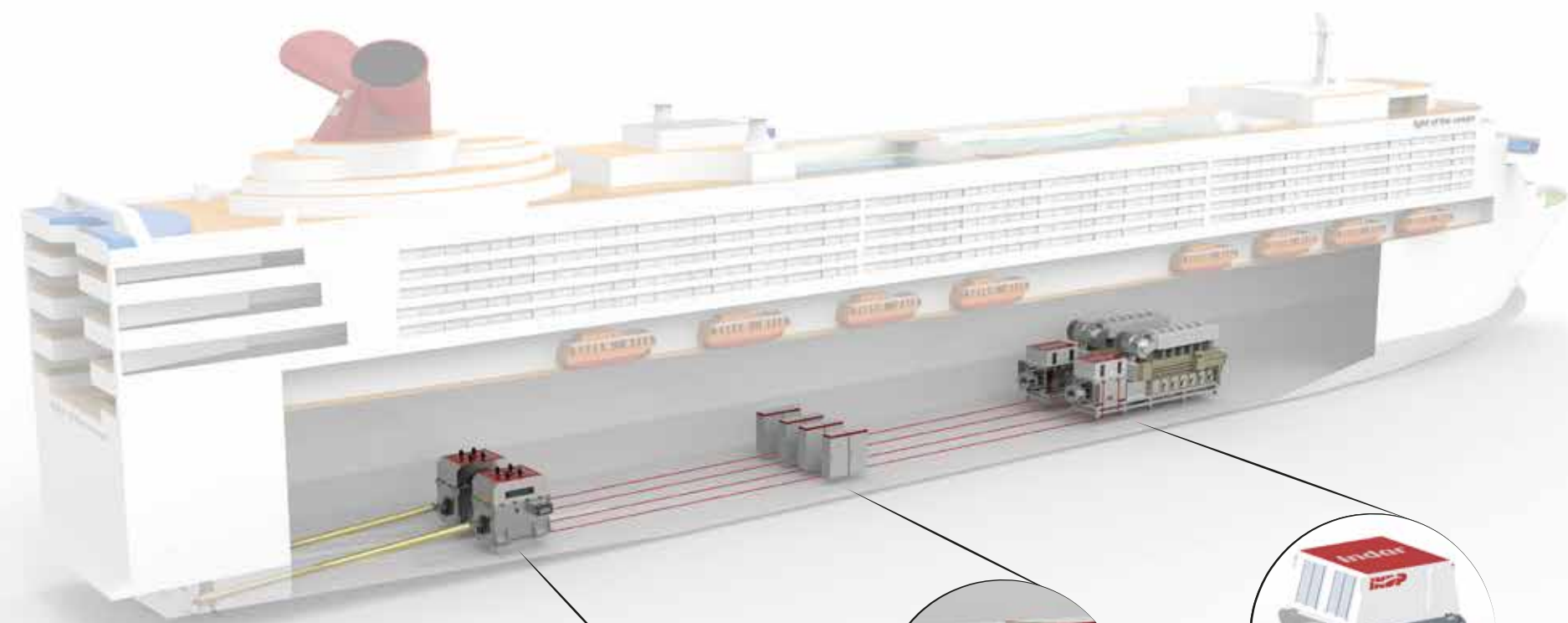
Main advantages:

- Optimization of the power installed on board, to attain higher **energy efficiency levels**.
- Highly robust and high availability.
- Minimum vibration and noise emission levels.
- Space saving in engine rooms.

**Accountability:** Everything is controlled and monitored by INDAR DRIVE PRODUCTS.



## CONTROL AND POWER CONQUERING THE SEAS



**POWER / ELECTRIC MOTOR**  
INDAR designs and manufactures AC electric motors for all types of main and azimuth propulsion, including silent propulsion and submersible motors.

**INTELLIGENCE / FREQUENCY DRIVE**  
We design and manufacture variable speed drive solutions for the most demanding applications:

- Modular design customized to each client's individual needs.
- Vast Power and voltage ranges.
- PTI/PTO systems.
- The most compact converter available in the market.
- Design and components for long lasting life.
- Remote access to converters via the web.

**STRENGTH / GENERATOR**  
We design generators for marine applications working closely with diesel engine manufacturers. We supply generators for main and/or auxiliary generation plants.

