

# VULKAN

We ensure that systems work better.

VULKAN  
WORLD WIDE SERVICE

## DIVISIONS

MARINE

INDUSTRY & ENERGY

REFRIGERATION & AIR CONDITIONING

# ABOUT US

TECHNOLOGY WITH LEGACY. SOLUTIONS FOR THE FUTURE

At **VULKAN Española**, we have been driving technology in Spain, Portugal, and Morocco for over half a century, backed by the strength of **VULKAN Group's more than 130-year international legacy**. Our strength lies in transforming experience into innovative, reliable technological solutions tailored to the challenges of tomorrow.

Through our three divisions —**Marine, Industry & Energy, and Refrigeration & Air Conditioning**— we serve key sectors with precision engineering and a tailored approach. From drivetrain systems for vessels and wind farms to flame-free connections for HVAC, we are synonymous with **quality and a sustainable future**.



## OUR JOURNEY

KEY MILESTONES IN THE EVOLUTION OF VULKAN ESPAÑOLA

Establishment of VULKAN Española S.A. as a subsidiary of the VULKAN Group.

Start of the VULKAN Hybrid Architect project, committed to hybrid and sustainable propulsion systems.

Collaboration agreement with AYK Energy, supplier of high-performance marine batteries.

Signing of the international agreement with DEF, expanding the global network of strategic alliances.

1969

2018

2021

2023

2024

2025

Launch of the Engineering Department, specialized in naval vibroacoustic design.

Inauguration of the Service - On-Site Workshop in Cádiz, providing specialized maintenance to national and international fleets.

Inauguration of JR Marine in Morocco, to provide direct support to local shipowners and shipyards.

Inauguration Service Workshop Cádiz (Spain), increasing operational and logistical capacity.

# AT A GLANCE

A REFLECTION OF OUR DAILY WORK

+ 22

People

+ 2,000

Product references

2

Offices

+ 21,000

+10,000

Total projects completed  
*Drivetrain solutions*



## OUR SERVICES



### Marine & Service – After-Sales

Experts in Propulsion Systems and Vibroacoustics.



### Industry & Energy

Power transmission for the most demanding sectors.



### Refrigeration & Air Conditioning

We connect the future without welding.



VULKAN



# MARINE & AFTER-SALES SERVICE DIVISION

EXPERTS IN NAVAL PROPULSION AND VIBROACOUSTICS

**VULKAN is a specialist in power transmission, vibration and acoustics**

It offers solutions including highly elastic couplings, elastic mounts, composite shafts, clutches, and brakes, applicable to both civil and military vessels as well as offshore and wind energy sectors.

We are the official **SCHOTTEL** service provider in Spain, Portugal, and Morocco, and **exclusive distributors of ROTACHOCK and AYK Energy batteries.**



## APPLICATIONS

- ➔ Tugboats
- ➔ Yachts and megayachts
- ➔ Military vessels
- ➔ Dredgers
- ➔ Cruise ships and ferries
- ➔ Workboats

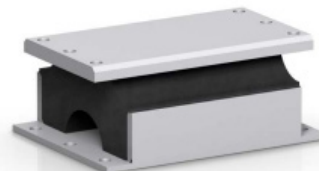
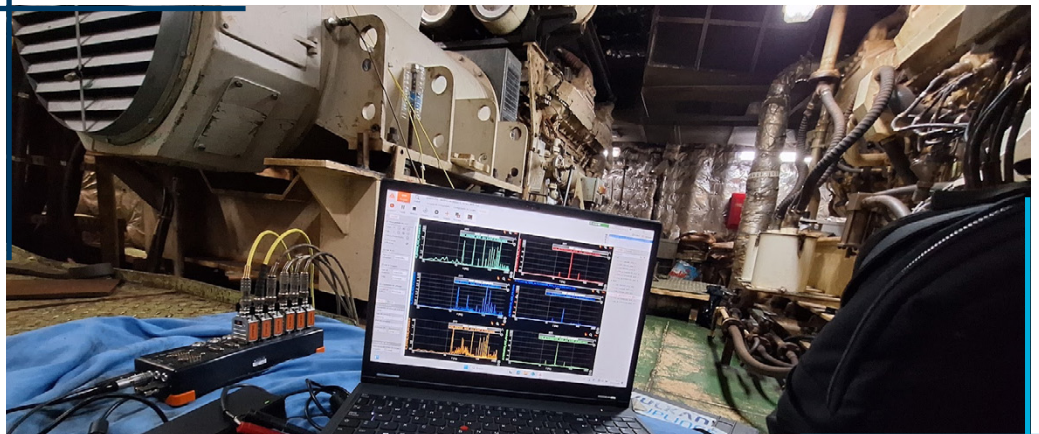
## VIBROACOUSTIC ENGINEERING

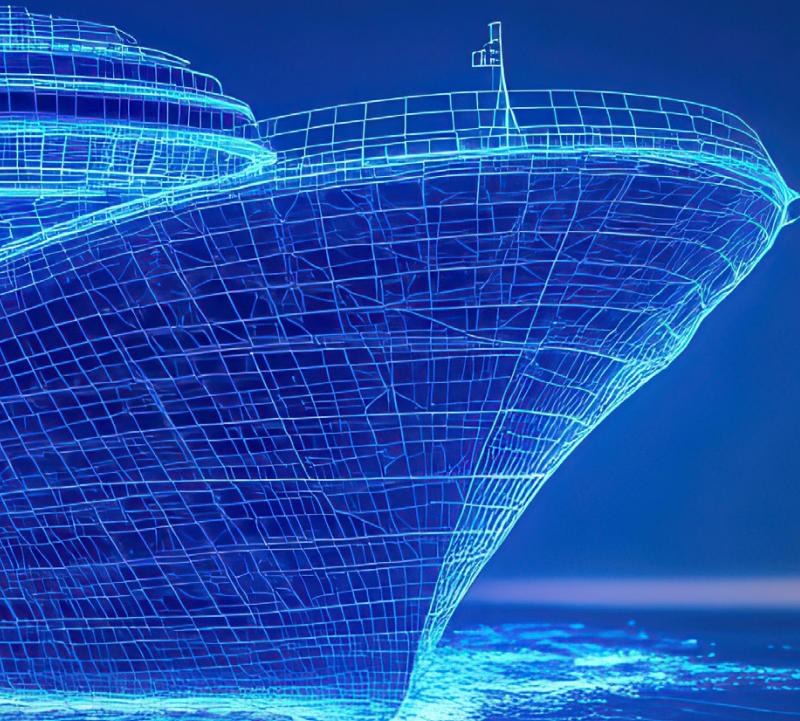
We conduct comprehensive studies throughout all stages of the project, from initial design to sea trials, ensuring that propulsion and generation systems meet the highest standards for noise and vibration.

- ➔ Silent ship design
- ➔ Noise and vibration prediction
- ➔ Vibration calculation
- ➔ Shock calculations (military use)
- ➔ Underwater radiated noise measurement
- ➔ Diagnostic and predictive maintenance



ACCESS PRODUCTS  
AND MATERIAL ABOUT  
**MARINE DIVISION**





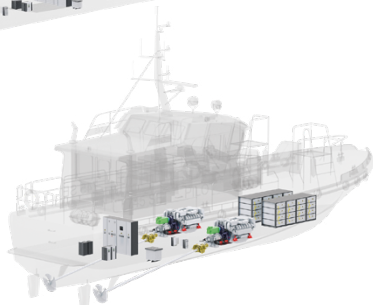
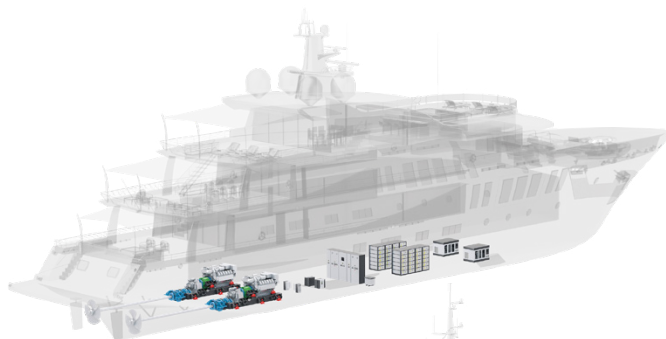
## AFTER-SALES SERVICE

With an after-sales and service team in Madrid and Cádiz, we offer complete solutions to ensure optimal performance of propulsion systems, including:

- Preventive, corrective, and predictive maintenance
- Spare parts and maintenance
- System Installation, Alignment, and Commissioning
- Troubleshooting
- Repairs and conversions

## HYBRID AND ELECTRIC PROPULSION

We drive the marine energy transition with customized hybrid solutions that improve efficiency, reduce costs, and minimize environmental impact. We work with the leading brand **AYK Energy**.



## N-FLEX

**VULKAN** launches the new **N-FLEX** flexible shafts, designed to absorb vibrations and noise, and compensate for misalignments on board. They require no maintenance and are lighter than steel. The new facility will enable the production of versions up to 5 meters long.

With this, **VULKAN** strengthens its commitment to sustainable maritime innovation.



## PU-MaX

The **PU-MaX** series offers advanced anti-vibration solutions for demanding industrial and marine environments. Made with polyurethane foam, they isolate low-frequency vibrations, withstand impacts up to <math><10g</math>, and comply with technical standards.

They fit perfect in naval systems, generators, and noise-sensitive equipment.





# INDUSTRY & ENERGY

POWER TRANSMISSION FOR THE MOST DEMANDING SECTORS



Through this division, we provide **high-performance technical solutions**, delivering reliability, efficiency, and specialized support in highly demanding operational environments.

We represent leading brands such as **Rotachock, Gewes, Ringfeder, HBE, Stibel, and Desch**, while also developing our own technology according to the highest quality standards.

WE ARE A KEY PARTNER FOR THE INDUSTRY, PROVIDING TAILORED SOLUTIONS THAT ENHANCE OPERATIONAL PERFORMANCE

## OUR MAIN PRODUCTS

- Couplings
- Brakes
- Elastic mounts
- Low speed and high speed backstops

## APPLICATIONS

- **Mining:** conveyor belts
- **Steel industry:** rolling mills, overhead cranes
- **Construction:** ball mills
- **Refrigeration:** pumps and compressors
- **Data centers:** generator sets

## OUR MOST RECENT MILESTONES

- We launched the METAFLEX coupling, ideal for dynamic applications
- We incorporated hydrostatic couplings in recycling projects
- We introduced VD mounts in industrial refrigeration systems



# artero<sup>C</sup>

Expertos en **SAP Business One**, el ERP líder diseñado específicamente para pymes que optimiza la gestión empresarial y potencia el crecimiento.

[arteroconsultores.com](http://arteroconsultores.com)



# REFRIGERATION & AIR CONDITIONING

WE CONNECT THE FUTURE WITHOUT WELDING



LOKPREP BROCHURE

Thanks to **LOKRING®** technology, we are a global leader in flame-free pipe connections, revolutionizing the assembly, maintenance, and repair of refrigeration systems.

With over 2 billion installed joints, our solutions are present in commercial, domestic, industrial, and automotive refrigeration.

In addition to **LOKRING®**, we offer **solutions for leak detection**, vacuum equipment, and charging, enhancing efficiency and safety in every operation.

With specialized technical support and market expertise, we are the reference provider in the HVAC-R sector for installers, distributors, and major operators.

## OUR MAIN PRODUCTS

Original equipment manufacturer (OEM) production

Air conditioning system installation

Refrigeration equipment repair

Vehicle A/C system repair



grupobarberan.es



→ Tu visión, nuestra construcción.

Más de 40 años de experiencia, llevando a cabo grandes actividades y ofreciendo la respuesta más completa y especializada a la demanda actual del mercado.



Laribar Industrial

# VULKAN

**VULKAN ESPAÑOLA, S.A.**

Avenida de los montes de Oca, 19 - NAVE 7  
28703 San Sebastián de los Reyes (Madrid)

+34 913590971

es.info@vulkan.com

[www.vulkan.com](http://www.vulkan.com)

