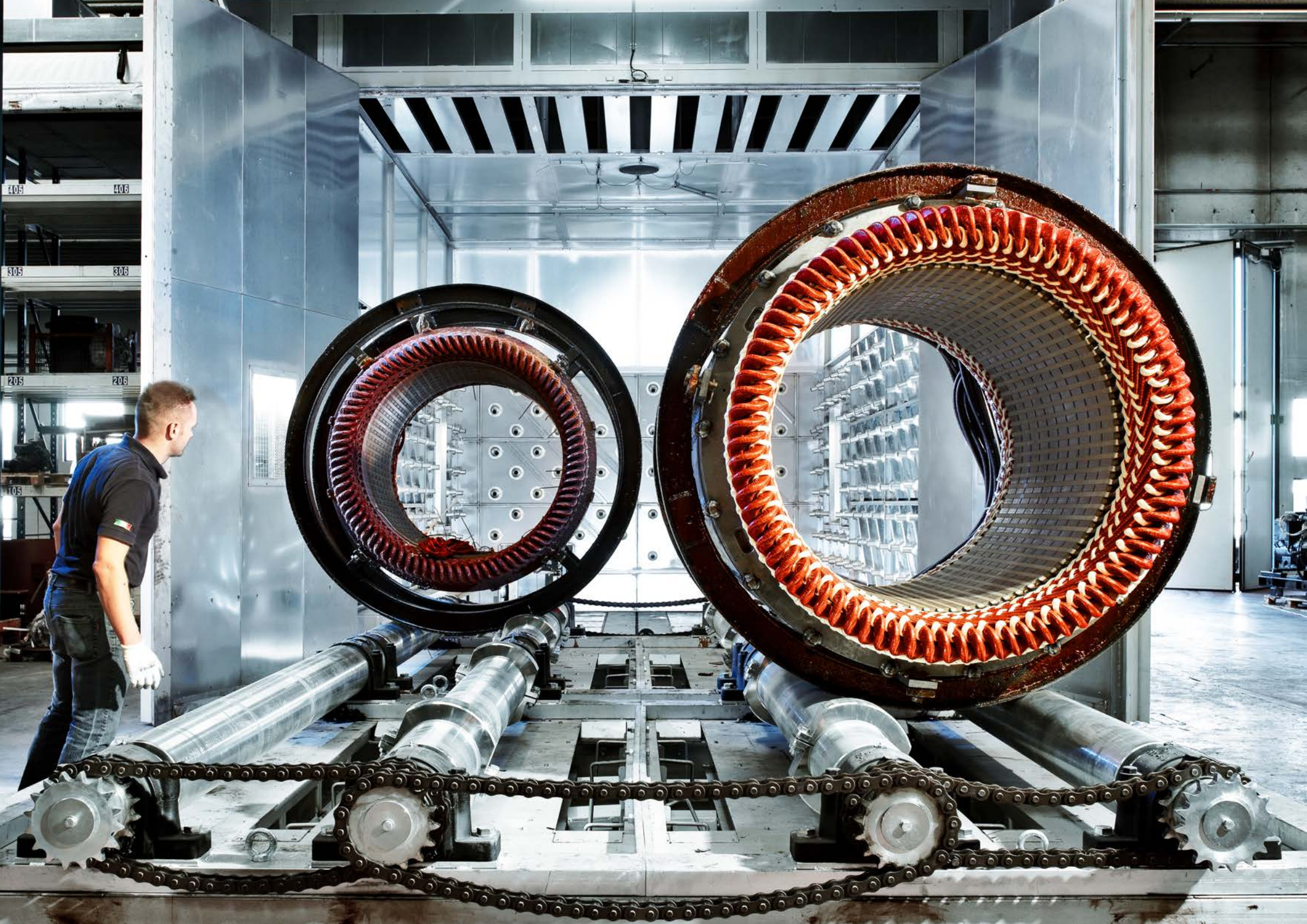




**MarelliMotori**  
Powering the future®

company profile





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## Powering the future

**Marelli Motori is a leading manufacturer of electric motors and generators.**

### Since 1891

Founded in northern Italy in 1891, Marelli Motori enjoys worldwide brand recognition in the marine, oil & gas, power generation, hydro, co-generation, and other industrial sectors.

Headquartered in Arzignano, near Vicenza, the company employs around 550 people.

We operate an extensive manufacturing facility in Italy with subsidiaries in the United States, Germany, South Africa and Malaysia and an extended sales, distribution, and service network across four continents, supplying products to more than 120 countries.

In 2019, Marelli Motori was acquired by Langley Holdings plc, the British engineering and industrial group.

### Green Powered

Our commitment towards a cleaner tomorrow.

New permanent magnet technology represents a viable solution in multiple fields giving the best electro-mechanical conversion efficiency in rotating equipment.

In the past 130 years Marelli Motori technology has continually evolved. Today and beyond, we are at the forefront of sustainable industrial advances to keep on powering the future.



# Customised solutions

## Suited to a wealth of applications

Since we are active in many industries, being creative and forward thinking is one of our strongest assets.

We take pride in the ability to understand the energy market's needs and transform those requirements into products which create value for our customers.

### Hydropower

**Pelton turbines, Francis turbines, Kaplan turbines, Turgo turbines, Cross-Flow turbines**

Asynchronous generators up to 3.000 kW  
Synchronous generators up to 11.000 kVA

### Industrial

**Metals, pulp and paper, cement, sugar mill, water pumping and treatments, manufacturing processes, chemical**

Motors up to 10.000 kW

### Oil & Gas

**Power generation, centrifugal and reciprocating compressor motors, heat exchangers and blowers, pumps, extruders, expanders, mixers**

Motors up to 1.600 kW  
Generators up to 14.000 kVA



### Marine

**Propulsion, thrusters, FI-FI system, auxiliaries and dredge pumps, main and auxiliary generators, shaft generators, PTO-PTI system and hybrid machines**

Motors up to 10.000 kW  
Generators up to 12.500 kVA

### Cogeneration

**Internal combustion (diesel and gas) engines, steam and gas turbines**

Generators up to 14.000 kVA

### Power generation

**Prime Rated Power (PRP) Operating Power (COP), stand by, emergency, Uninterruptible Power Supply (UPS), telecom, data centers**

Generators up to 14.000 kVA





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## Manufacturing and service

### In-house R&D

Our R&D department is driven by a deep customer understanding, which is then converted into product development and continuous range enhancement.

To meet evolving customer requirements and changing market conditions, we continue to invest in product development offering safe and technologically advanced solutions.

### Design flexibility

One of the main advantages of our products lies in their flexibility and engineering capabilities.

Our motors and generators can be easily adapted to suit a wide range of applications to respond to these diverse market-needs.

Our flexibility extends to final assembly and, once in the field, our products can be equipped with a range of retrofit devices to enhance and upgrade machine performance.

### Service

Our electrical machines have been specifically designed for ease-of-maintenance, offering quick access to key components to facilitate maintenance, repair and operation activities to reduce service costs.

All our products have a friendly user-interface which, together with a global service network, ensures best-in-class performance and high ROI.

### Superior support

When you partner with Marelli Motori, you not only gain access to our outstanding portfolio of motors and generators but also efficient and world class aftersales services; technical support; field service and repairs; supervision services during commissioning and operator training.

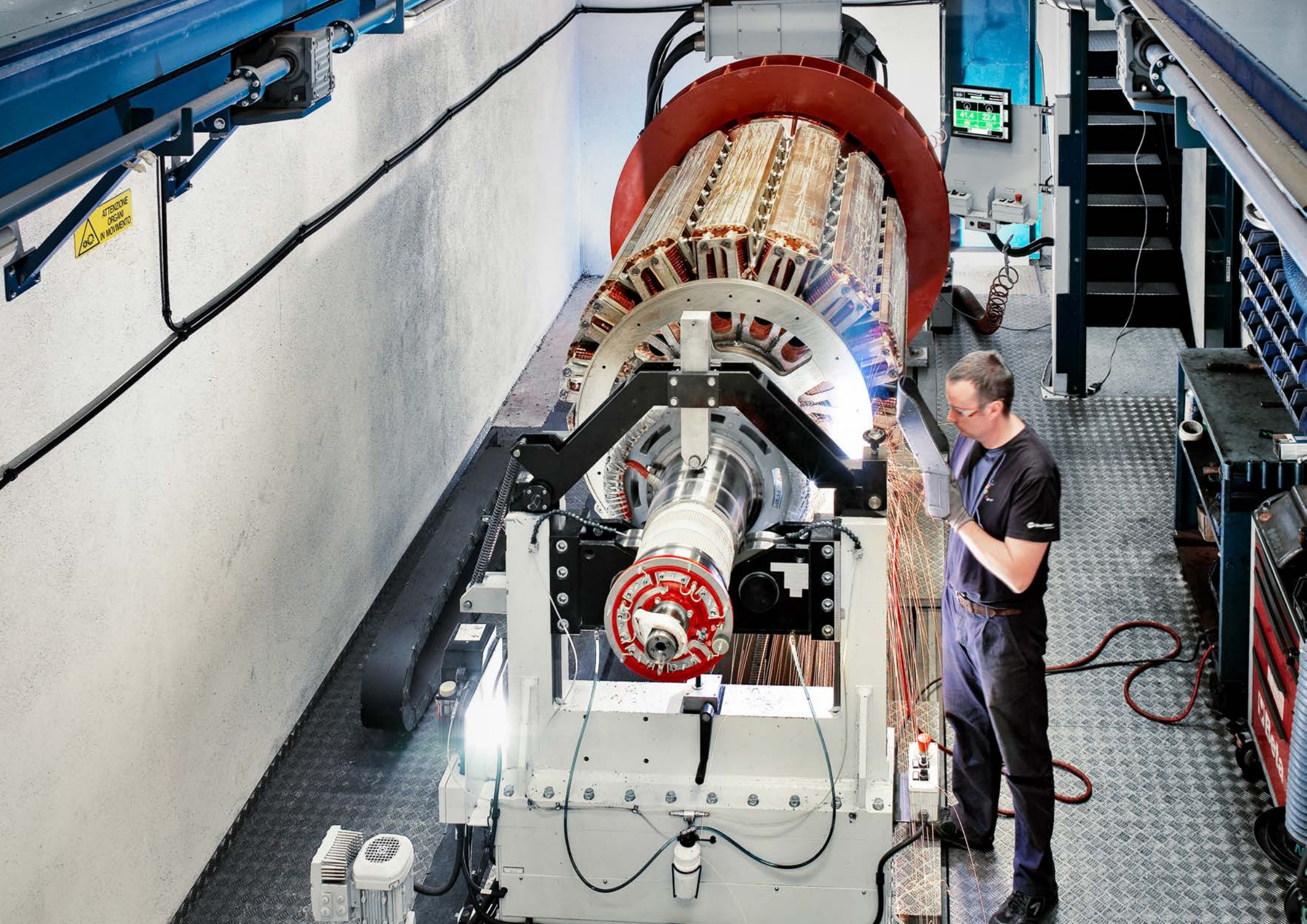
### In-house Vacuum Pressure Impregnation system (VPI)

**VPI application technique provides an optimum machine protection by using a correctly engineered combination of impregnating resin, insulation system and application process.**

Technical features:

- maximum impregnable diameter: 3150 mm
- maximum stator weight: 20 ton
- minimum pressure: 2mbar
- maximum pressure: 6bar





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# Sustainable

## Certifications

The Marelli Motori Group uses an Integrated Management System (IMS) which monitors quality, health, safety and environment performances according to ISO 9001, ISO 14001 and ISO 45001 standards.

Our quality certifications guarantee the highest standards in all areas of our operations to ensure outstanding product quality allied to best-in-class service performance and minimal environmental impact.

## Testing

Routine tests and type tests are carried out in-house in compliance with all major international standards (IEC60034 and IEEE), marine and navy societies, ATEX rules, UL certification and customer specifications.

Type approval testing is available in accordance with the major marine certifying bodies: ABS, Bureau Veritas and Det Norske Veritas.

## Lower carbon footprint

Marelli Motori products are designed to deliver maximum performance and high energy efficiency to achieve the lowest carbon footprint possible. For example, the energy recovery process in place during test room activities enables us to reduce the impact on the environment and mitigate global warming.







# Power Solutions division



## A microgrid partnership

The Langley Holdings’ Power Solutions division was formed in January 2022 to pursue opportunities in the emerging hybrid renewables microgrid sector, whilst continuing to serve traditional markets.

Bergen engines, fuelled by low-carbon fuels, coupled with Marelli Motori alternators, combined with Piller power stabilisation technology, are central to Langley Holdings’ long-term net zero growth strategy.





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