



COMPLETE
MARINE
POWER
SOLUTIONS



CONTENTS

A GLOBAL REFERENCE IN MARINE ENERGY	02
NANNI'S SOLUTIONS	
Marine propulsion engines	06
The generators	07
On-board equipment and accessories	10
THE NANNI UNIVERSES	
Nanni solutions for recreational boating	15
■ Sailing boats, monohull and multihull boats	
■ Power boats	
■ Yachts	
■ Superyachts	
The Nanni offer for professionals.....	20
■ Maritime and commercial sector	
■ Naval industry	
OVER 70 YEARS OF EVOLUTION	22
TECHNOLOGY AND INNOVATION	24
THE NANNI NETWORK	25
THE NANNI SERVICES	
The After-Sales Service.....	27
The Spare Parts Service.....	28
Multiple levels of warranty.....	30

A GLOBAL REFERENCE IN MARINE ENERGY



One of the top European manufacturers specialized in marine energy, Nanni focuses its know-how on the development and design of a global offer. The range includes propulsion engines, steering systems, innovative interfaces and marine generators.

With its reliable and efficient solutions, Nanni meets all customers' needs. The production rate over 2,500 pieces of marine engines and generators per year, and the manufactured 180,000 marine engines and generators makes Nanni a main player in the field of pleasure boating, maritime trade and naval industry.

Nanni has gained the trust of some of the major names in the nautical industry, who have joined forces with its activities: Man, Kubota, Toyota, John Deere and Scania. Thanks to the development of a wide range of products together with these prestigious partners, and to the international expansion, Nanni has become a key player in the industry.

**... THE PRODUCTION RATE
OVER 2,500 PIECES
OF MARINE ENGINES
AND GENERATORS PER YEAR...**

**... ITS 70 YEARS
OF EXPERIENCE,
ITS PASSION ...**

Major boatbuilder in the marine industry have chosen Nanni to equip their yachts, recognizing the reliability and performance of our marine solutions.

Thanks to its 70 years of experience, its passion for innovation and the cooperation with each one of its customers over the years, Nanni offers a significant contribution to the latest technological findings. The large worldwide network of partners allows the accessibility to fast and reliable technical assistance.

Purchasing, maintaining and repairing your Nanni equipment is possible in the shortest delay, no matter where you are navigating.



Since 1991, Nanni has been guided by Amalia Festa – President and CEO. She is supported by Gregorio Passani – Chief Business Officer and Deputy General Manager, and Michele Insom – Marketing and Spare Parts Director.

Nanni's activities have historically been carried out in France and Italy. In 2023, they have been divided between into two establishments:

- **Nanni Industries SAS**

Production plant and the research and development office located in La Teste-de-Buch (France)

- **Nanni SRL**

A commercial and service company, based in Rome (Italy), with the purpose of developing the group on the Italian market.

Nanni Industries SAS and Nanni SRL have a total of more than 115 employees, who help design, produce and distribute its marine solutions worldwide.

NANNI'S SOLUTIONS

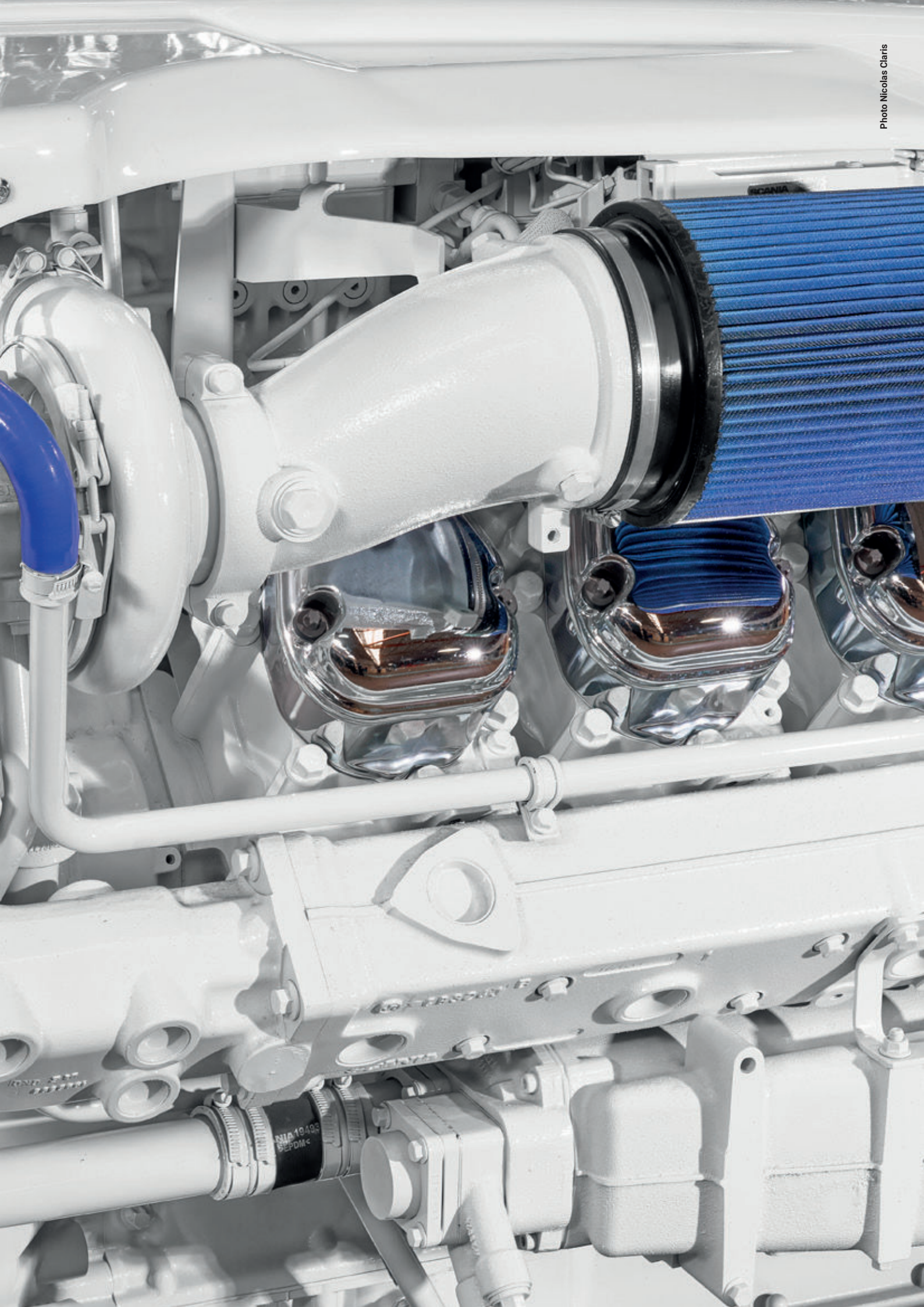
Nanni's experience in creating custom solutions to the needs of each customer has led to the development of a wide range of products, ranging from marine propulsion engines, to generators, on-board equipment and accessories.

MARINE PROPULSION ENGINES

Nanni offers inboard motorization systems with top performance and quality.

The power of the propulsion engines ranges from 10 to 2200 horsepower (hp)

- see detail page 31 -



THE GENERATORS

Nanni marine generators are designed around the needs of recreational and professional users.





The available power range is from 5 to 800 kW, in 50 and 60 Hz as well as single-phase or three-phase. The possible configurations are:

- With soundproof cabin.
- Without soundproof cabin.
- With Soundless cabin, reducing the noise level of the Nanni generators by 10 decibels, for pleasure boat use.

- see detail page 32 -

ON-BOARD EQUIPMENT AND ACCESSORIES



The Nanni accessories range includes steering systems, digital dashboards and other interfaces. These devices are functional, easy-to-use and ergonomic, suited for all marine installations.



MAREX ECS

The Easy Control System

The Marex ECS (Easy Control System) is designed for both recreational and work boats. Easy to operate, unique design, universal possibilities. The Marex ECS meets the highest production and quality standards, with endurance testing of one million lever actuations.

Its hardware comes from proven automotive applications with reliable CAN bus technology, and a self-diagnosis system that sends any alarm to the system. It also provides easy handling resulting in reduced installation and commissioning efforts and uncomplicated operation features.

The enhanced version features a separate backup Hall sensor which makes it even more reliable and safe. The control of the boat will be maintained, even if CAN communication is interrupted.

JOYSTICK MANOEUVRING SYSTEM

Manoeuvring with ease

The Joystick Manoeuvring system provides the helmsman with simple and intuitive boat control. The operator moves the joystick and the ship mirrors the movement exactly. The controller automatically compensates for external influences, such as wind or current. Functional and room-saving, both the joystick and its operating module provides essential functions to operate. The joystick can be used as a separate control element (stand-alone solution) or combined with a control head at a station (pairing). Further functions, such as direct thruster actuation in thruster mode, provide operating comfort and reliability.

DISPLAY SI.4.3

Digital Control Display

New innovative dependable Nanni interactive control displays are the ultimate solution for all marine situations.

While being the most tiny of all controllers (125 x 125 mm), the SI.4.3 will replace a dozen of analog gauges.

Powerful, intuitive, interactive and reliable, these new monitoring and control systems are included in the accessory range of Nanni to provide all over the world, a complete engine package of high quality for professional applications and for pleasure.



THE NANNI UNIVERSES

The Nanni solutions meet the needs of each sailor. Whether you are cruising for leisure or using your boat for professional purpose on a daily basis you will benefit from a top class custom technical equipment.





NANNI SOLUTIONS FOR RECREATIONAL BOATING

Nanni addresses to shipyards but also to private owners of sailing boats, power boats, yachts and superyachts, offering high quality and sustainable marine solutions suitable for all pleasure boating related projects.

■ SAILING BOATS, MONOHULL AND MULTIHULL BOATS

Applicable for boats with length from 20 to 50 feet

Nanni offers all round energy equipment for sailboats and catamarans with reliable and high-performance products:

- Propulsion engines with power ranging from 10 to 230 hp, with Shaft line or Sail Drive transmission.
- Soundproof power generators with a power supply ranging from 10 to 50 kWe.
- On-board equipment and accessories such as interfaces, electronic controls or steering systems.



Outremer 52 - Photo Robin Christol

■ POWER BOATS

Applicable for boats with length from 20 to 50 feet

Both powerboats and planing hull boats can benefit from functional and powerful equipment on board:

- Propulsion engines with a power of 140 to 1150 hp, with Shaft line, Sterndrive, Jet or Surface drive transmission.
- Soundproof generators with a power ranging from 10 to 50 kWe.
- On-board equipment and accessories such as interfaces, electronic controls or maneuvering systems.



■ YACHTS

Applicable for boats with length from 50 to 100 feet

Nanni's reliable and efficient marine energy solutions for yachts include:

- Propulsion engines with power ranging from 400 to 2200 hp, with shaft line, jet or surface drive transmission.
- Soundproof generators with a power supply ranging from 15 to 100 kWe.
- On-board equipment and accessories such as interfaces, electronic controls or maneuvering systems.



■ SUPERYACHTS

Applicable for boats with length above 100 feet

The application of Nanni equipment on superyachts meets all safety, sustainability and performance requirements. The possible solutions include:

- Soundproof generators with a power of 30 to 150 kWe
- On-board equipment such as dashboards.





THE NANNI OFFER FOR PROFESSIONAL

Nanni equips all kinds of workboats in the naval and commercial industry, providing captains and shipowners with efficiency, performance, robustness and reliability.

■ MARITIME AND COMMERCIAL SECTOR

Length above 100 feet

Nanni's professional equipment is suitable for military ships, fishing boats, passenger transport boats and oil and gas industry. The vessels can be equipped with propulsion engines with a power from 30 to 2200 hp and power generators with a power from 5 to 800 kWe. Nanni also offers steering systems, instrument panels and interfaces.

■ NAVAL INDUSTRY

Length above 100 feet

Captains and shipowners of passenger ferries, container ships, military boats and oil tankers can benefit from several efficient marine energy solutions. Nanni offers engines and power generators producing 100 to 800 kWe power, designed on John Deere and MAN engine bases.



OVER 70 YEARS OF EVOLUTION

■ Founded in Milan, Italy, in 1952, Nanni has experienced significant growth over the years. Initially specializing in the manufacture of marine diesel and single-cylinder engines based on marinized Farymann industrial engines, it gradually started researching for the development of new solutions.

■ In 1974, a partnership with KUBOTA Corporation – a leader in the manufacture of 4-stroke diesel engines for agricultural and industrial application – led to the extension of the range of marine engines up to 140 hp, with 2, 3 and 4 cylinder diesel engines.

■ In 1982, Nanni acquired the French company Renault Marine Couach, and specialized in the marinization of Kubota and Mercedes based engines.

■ In 1988, Nanni became the official distributor of MAN engines for French-speaking territories. Nanni now targets both private and professional customers, with propulsion engines.

■ Nanni's position as a marine engine manufacturer of Kubota and MAN based engines was strengthened when Amalia Festa took the lead as CEO in 1991. Since the year 2000, Nanni ranks third worldwide for the production of inboard marine engines. Shortly after, a global partnership was signed with the Toyota Motor Company, launching the marinization and commercialization of high-speed engines, expanding the Nanni range with propulsion engines from 150 to 300 hp, for power boats.

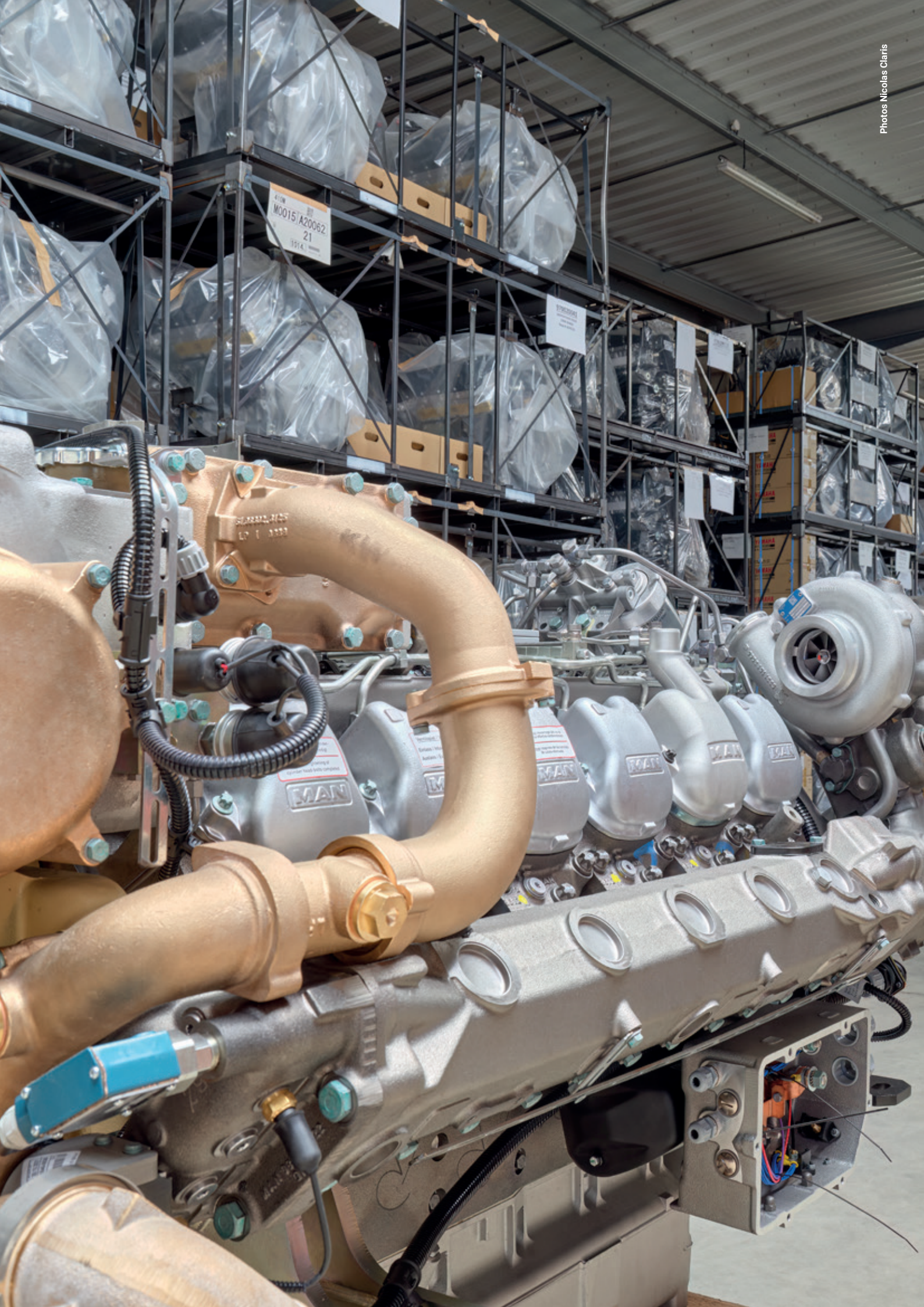
■ In 2007, Nanni developed its first hybrid system on a propulsion engine.



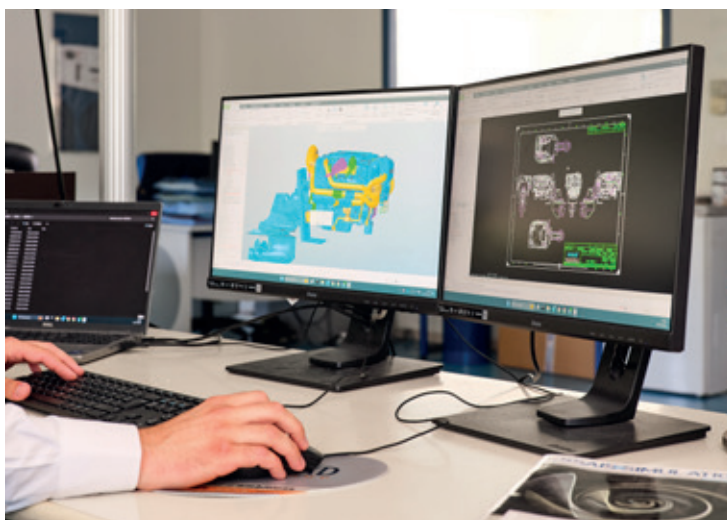
■ In 2014, thanks to a new partnership agreement with John Deere Nanni gains access to a whole new engine bases and starts manufacturing new propulsion engines and generators for the yachting and professional markets. A 4.5-litre 4-cylinder diesel engine is launched, as well as other 6-cylinder marine diesel engines and generator with a displacement of 6, 9 and 13 litres. The Nanni propulsion engines range reaches a power of 760 hp and generators for 45 to 150 kW.

■ Since 2018, with a new partnership signed with Scania, Nanni started working on new engine bases, developing and manufacturing new propulsion solutions for yachts. A 13-litre 6-cylinder engine and a 16-litre V8 are added to the Nanni engine range, now ranging from 10 to 2200 hp.

■ Starting in 2023, the marine generators range offered by Nanni reaches a power of 800 kilowatts.



TECHNOLOGY AND INNOVATION



**... ENERGETIC TRANSITION,
RESEARCHING FOR
THE DEVELOPMENT OF
NEW ENERGIES...**

For over 70 years, Nanni has played a leading role in the marine energy field. Since 1952, its Research and Development department has a dedicated engineer's team. The Nanni Industries R&D office studies and develops innovative technologies and product improvement, in terms of comfort, consumption and performance.

The production team makes sure to ensure the quality and reliability of the products. Marine engines, generators, equipment and maneuvering (steering) systems reflect Nanni's values of excellence.

The research of new technologies to respond to current and future maritime challenges continues. Since 2011, Nanni has been investing in the energetic transition, researching for the development of new energies. Nanni is diversifying its products to meet the requirements of all market players. The adaptability of Nanni's electric and hybrid propulsion systems to all applications, and the use of hydrotreated vegetable oil and methanol as alternative fuels make Nanni a major player in the ecological transition in the marine field.

THE NANNI NETWORK

Nanni can rely on a large network of partners and authorized distributors to provide quality products and services. Thanks to more than 850 sales and service dealer in 90 countries, the Nanni marine solutions are available worldwide.

Europe, Asia, America, Africa, Oceania

Nanni has an efficient logistics organization and an optimal compliance rate in terms of quality and service. Thanks to this worldwide network, customers can access Nanni products and service all over the world in a short delay.

Authorized agents are also dedicated to customer support, providing worldwide professional technical support, qualified assistance, maintenance, repair and servicing of Nanni marine solutions, ensuring reliability and performance of the equipment.



THE NANNI SERVICE

Nanni's private and professional customers can also benefit from a whole range of complementary services, such as After-Sales Service, Spare Parts Service and several levels of coverage for their equipment.



Photo: Nicolas Claris

The After-Sales Service

The After-Sales Service supports each Nanni customer in the installation, maintenance and diagnosis of their product. A team of experts is in contact with Nanni distributors and representatives around the world to answer requests by phone, email or via the website nannienergy.com. The Nanni Network ensures easy access to equipment and services. The customer service intervenes quickly and efficiently, all around the world, minimizing downtime for leisure boaters and professionals.



The Spare Parts Service

To preserve power, reliability and longevity of its marine engines and to guarantee optimal functioning and performance of the equipment, Nanni supplies high-quality original spare parts.

A team of expert is dedicated to spare parts replacement. It searches for the suitable spare parts among the tens of thousands of references, together with the Nanni distributor network. Nanni's partners all around the globe receive the desired parts within the shortest delays.





Multiple levels of warranty

The Nanni marine energy solutions can be covered by multiple warranty formulas, depending on the application:

- 12 months for professional applications.
- 24 months for individuals, in pleasure craft application.

Nanni has created the **CARE+3** warranty extension program, which extends the coverage period of its products. With this extra coverage, Nanni customers can benefit of three additional years of warranty coverage, starting from the end date of the basic warranty.

	Light commercial	Pleasure craft	CARE+3
Definition	Use for income generation, public service or rental purposes	Recreational use by private owners	Recreational use by private owners
Warranty	12 months (after validation of the warranty)	24 months/1000 hours, rating M5	24 + 36 months / 1250 hours for engines from N2 to T8V. 24 + 36 months / 2000 hours from N5 to N16 CR3 and Generators from 5 to 150 kW.

MARINE PROPULSION ENGINES - 1/2

ENGINE	POWER HP (kW)	CYLINDERS	RPM	CYL.L (CI)	NOTE	AIR INTAKE
N2.10	10 (7.36)	2	3000	0.479 (29)	M5	Naturally aspirated
N2.14	14 (10.3)	2	3600	0.479 (29)	M5	Naturally aspirated
N3.21	19.6 (14.6)	3	3600	0.719 (43.9)	M5	Naturally aspirated
N3.30	29 (21.3)	3	3600	1.123 (69)	M5	Naturally aspirated
N4.38	37.5 (27.6)	4	3000	1.498 (91)	M4	Naturally aspirated
N4.40	40 (29.4)	4	2800	1.999 (122)	M4	Naturally aspirated
N4.50	47.5 (35.4)	4	2800	2.197 (134)	M4	Naturally aspirated
N4.65	59 (43.4)	4	2700	1.999 (122)	M4	Turbocharged
N4.80	79 (57.4)	4	2700	2.434 (148.5)	M5	Turbocharged
N4.115	115 (84.6)	4	2600	3.769 (230)	M4	Turbocharged and air cooled
N4.140	135 (99.4)	4	2600	3.769 (230)	M4	Turbocharged
T4.205	200 (147.2)	4	3600	2.982 (182)	M6	Turbocharged with intercooler
T4.230	230 (169.1)	4	3600	2.982 (182)	M6	Turbocharged with intercooler
T4.270	265 (194.9)	4	3600	2.982 (182)	M6	Turbocharged with intercooler
6.420 TDI	320 (235.5)	6	3600	4.163 (254)	M6	Turbocharged with intercooler
T8V.320	320 (235)	8	3800	4.5 (272)	M6	Twin turbocharger
T8V.350	349 (257)	8	3800	4.5 (272)	M6	Twin turbocharger
T8V.370	370 (272)	8	3800	4.5 (272)	M6	Twin turbocharger
N5.160 CR2	162 (119)	4	2300	4.5 (276)	M1	Turbocharged with an air/cooling aftercooling system
N5.180 CR2	182 (134)	4	2400	4.5 (276)	M2	Turbocharged with an air/cooling aftercooling system
N5.200 CR2	202 (149)	4	2500	4.5 (276)	M3	Turbocharged with an air/cooling aftercooling system
N5.230 CR2	228 (168)	4	2600	4.5 (276)	M4	Turbocharged with an air/cooling aftercooling system
N6.285 CR2	284 (209)	6	2500	6.8 (415)	M2	Turbocharged with an air/cooling aftercooling system
N9.330 CR2	329 (242)	6	2100	9.0 (549)	M1	Turbocharged with an air/cooling aftercooling system
N6.360 CR2	360 (265)	6	2700	6.8 (415)	M4	Turbocharged with an air/cooling aftercooling system
N6.405 CR2	405 (298)	6	2800	6.8 (415)	M5	Turbocharged with an air/cooling aftercooling system
N9.330 CR2	329 (242)	6	2100	9.0 (549)	M1	Turbocharged with an air/cooling aftercooling system
N9.380 CR2	380 (280)	6	2200	9.0 (549)	M2	Turbocharged with an air/cooling aftercooling system
N9.430 CR2	431 (317)	6	2300	9.0 (549)	M3	Turbocharged with an air/cooling aftercooling system
N9.510 CR2	507 (373)	6	2400	9.0 (549)	M4	Turbocharged with an air/cooling aftercooling system
N9.600 CR2	560 (410)	6	2500	9.0 (549)	M5	Turbocharged with an air/cooling aftercooling system
N13.430 CR2	431 (317)	6	1800	13.5 (824)	M1	Turbocharged with an air/cooling aftercooling system
N13.510 CR2	507 (373)	6	1900	13.5 (824)	M2	Turbocharged with an air/cooling aftercooling system
N13.580 CR2	583 (429)	6	2000	13.5 (824)	M3	Turbocharged with an air/cooling aftercooling system
N13.660 CR2	659 (685)	6	2100	13.5 (824)	M4	Turbocharged with an air/cooling aftercooling system
N13.800 CR2	760 (559)	6	2200	13.5 (824)	M5	Turbocharged with an air/cooling aftercooling system

MARINE PROPULSION ENGINES - 2/2

ENGINE	POWER kW	POWER HP	RPM KG	RATING	EMISSIONS	WEIGHT
N13.800 CR3	588	800	2300	2000 heures/an	EPA III- RCD2	1280
N13.930 CR3	662	900	2300	500 heures/an	EPA III- RCD2	1280
N16.1000 CR3	736	1000	2300	500 heures/an	EPA III- RCD2	1660
N16.1150 CR3	809	1100	2300	500 heures/an	EPA III- RCD2	1660
N16.1200 CR3	882	1200	2300	1200 heures/an	IMO II Stage 3A	1660

GENERATORS

GENSET	POWER SUPPLY (kW)	FREQUENCE (Hz)	PHASE	EMISSIONS
Q500	5	50	Mono	IMO II & RC2
Q1100	7.6 to 11	50 & 60	Mono / Three phase	IMO II, EPA Tier III & RC2
Q1500	9.6 to 15.4	50 & 60	Mono / Three phase	IMO II, EPA Tier III & RC2
Q2400	18 to 27.8	50 & 60	Mono / Three phase	IMO II, EPA Tier III & RC2
Q3300	23.3 to 29 kW	50 & 60	Mono / Three phase	IMO II, EPA Tier III & RC2
Q3600	29 to 37 kW	50 & 60	Mono / Three phase	IMO II, EPA Tier III & RC2
Q3800	36 kW	50	Mono / Three phase	IMO II, EPA Tier II & RC2
Q4500	45 to 99	50 & 60	Three phase	IMO II, EPA Tier III & RC2
Q6800	100 to 175	50 & 60	Three phase	IMO II, EPA Tier III & RC2
Q12000	177 to 422	50 & 60	Three phase	IMO II, IMO Tier III, EU Stage V
Q24000	568 to 764	50 & 60	Three phase	IMO II, IMO Tier III, EU Stage V



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