



cmcmarine  
reinventing innovation



PIONEERS IN STABILISATION

STAB  
waveless



## WE DID IT FIRST

FULL ELECTRIC SINCE 2008

CMC Marine stands at the forefront of marine stabilisation technology, with more than 3,000 systems installed over the last 20 years. Renowned for excellence and innovation, the company specialises in advanced stabilisation solutions for yachts and superyachts ranging from 15 to over 100 meters.

CMC Marine offers a comprehensive portfolio that includes cutting-edge stabilising fins, powerful thrusters, precision steering systems, and high-performance rudders — all engineered to deliver unmatched comfort, control, and reliability at sea.



With a keen focus on innovation, CMC Marine has consistently pioneered advancements in the marine industry. The Stabilis Electra system, the world's first electrically actuated fin stabilisation system, launched in 2008 and later patented in 2011, is a testament to the company's dedication to pushing the boundaries of technology. This system offers exceptional performance, significantly reducing noise levels and maintenance requirements while enhancing yacht stability in all conditions, including zero speed.

CMC Marine's engineering excellence is reflected in the precise and robust design of its products, highly reliable and performant even under the demanding conditions of the marine environment. Furthermore, thanks to an in-house R&D department and a proactive approach to gathering feedback from clients and collaborators, CMC Marine's projects can be tailored to customers' demands.



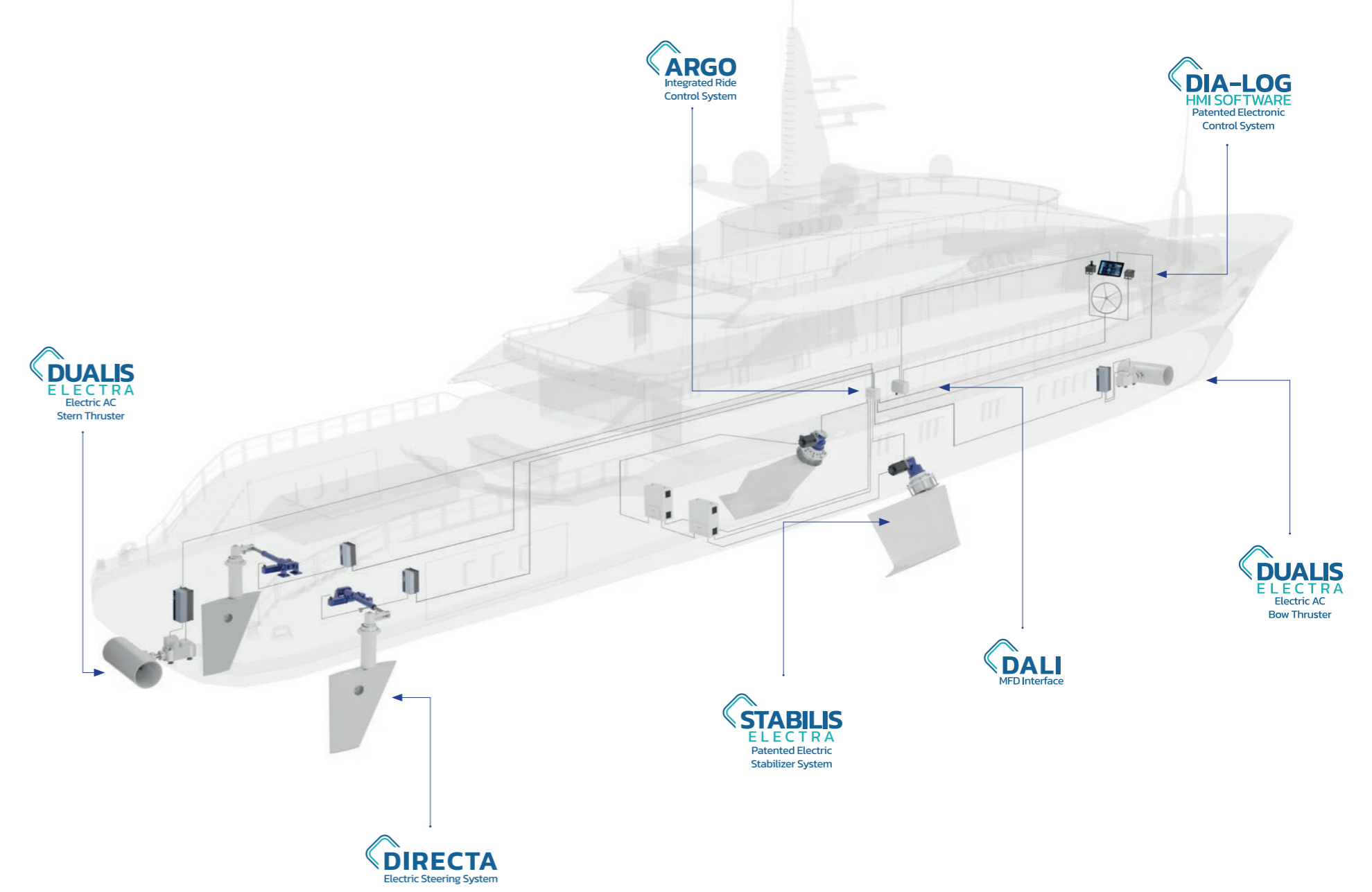
# OUR PRODUCTS

PRODUCTS  
CONTROL

	YACHT LINE	SUPERYACHT LINE	MEGAYACHT LINE	REFIT LINE
FIN STABILISERS	STAB	STABILIS ELECTRA HS STABILIS ELECTRA LR		STAB HS LR
THRUSTER	DUALIS HYDRO	DUALIS ELECTRA		DUALIS ELECTRA
STEERING SYSTEM		DIRECTA		DIRECTA
DALI		DALI		DALI
DIA-LOG		DIA - LOG		DIA - LOG
ARGO		ARGO		ARGO

# FULL PACKAGE

FIRST TO BE ELECTRIC



PROUD SUPPLIERS TO

PROUD SUPPLIERS TO



BURGER

CHEOY LEE SHIPYARDS

ALIA YACHT BUILDERS

AMER YACHTS

ARCADIA YACHTS

AZIMUT

BAGLIETTO

Benetti

BILGIN YACHTS

Gulf Craft

HeySea

CANTIERE DELLE MARCHE

DLYACHTS DREAMLINE

CONRAD SHIPYARD

CODECASA

CRN CUSTOM LINE

锦龍 锦龍超级游艇 JINLONG MEGA YACHT

MY Marlow Yachts

DYNAMIQ

1976 AEGEAN YACHT YACHT BUILDING • YACHT BROKERAGE • YACHT CHARTER

FEADSHIP ROYAL DUTCH SHIPYARDS

MAIORA

MANGUSTA

MAIORI YACHT

MENGI YAY

NORDHAVN

OCEAN ALEXANDER

MCY MONTECARLO YACHTS

MOONEN YACHTS

NUMARINE

OCEANKING EXPLORER YACHT

PALUMBO SUPERYACHTS

Riva

SELENE YACHTS

NORTH PACIFIC YACHTS STUNNING AT EVERY DEGREE

RSY ROSETTI SUPERYACHTS SHIPYARD EST. 1925

ROSSINAVI

SANLORENZO

SARPYACHTS

Sunseeker

TANKOA ITALIAN YACHTS

TANSU

VAN DER VALK SHIPYARD

THE ITALIAN SEA GROUP

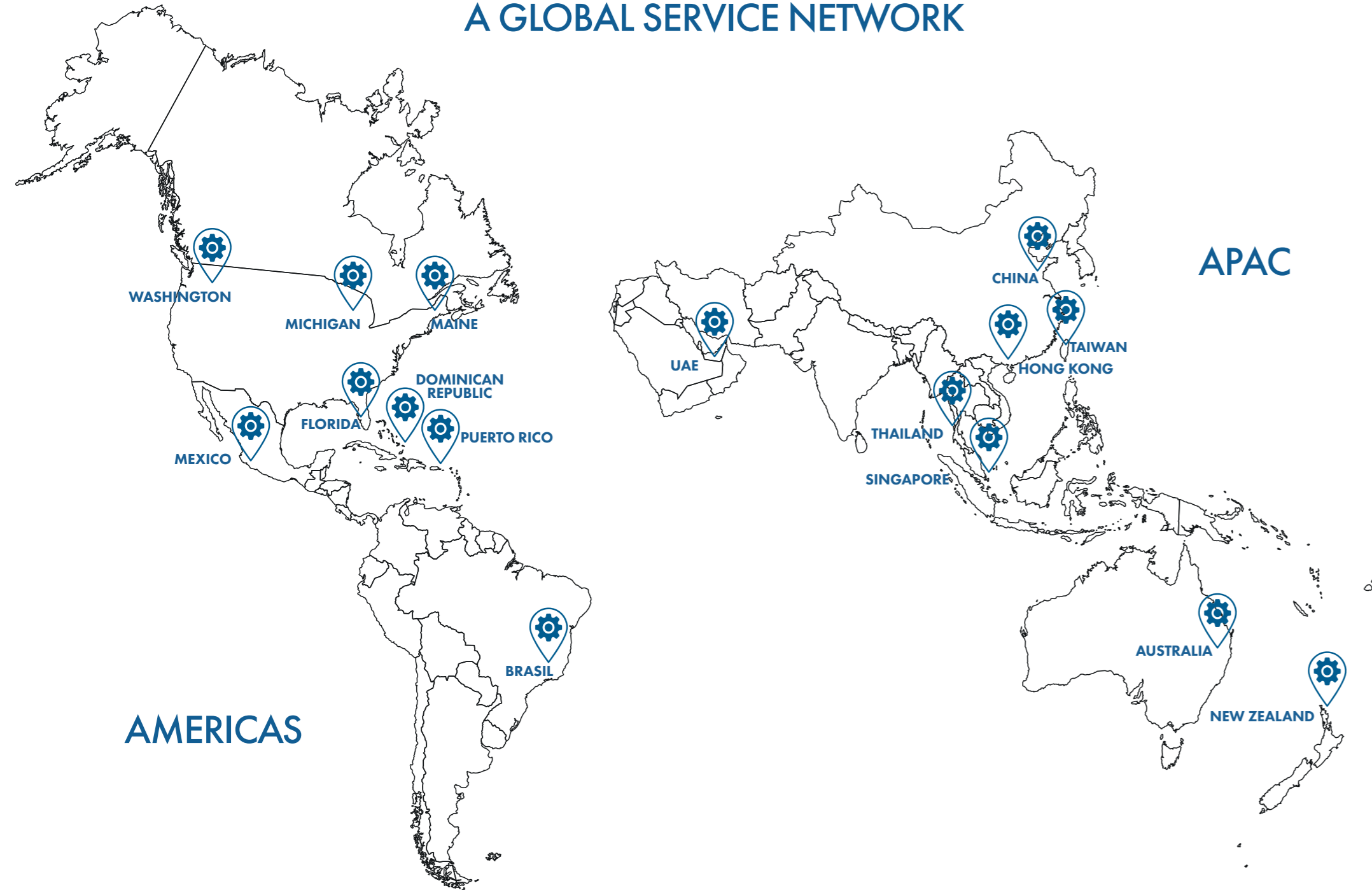
VENTURE YACHTS

WIDER

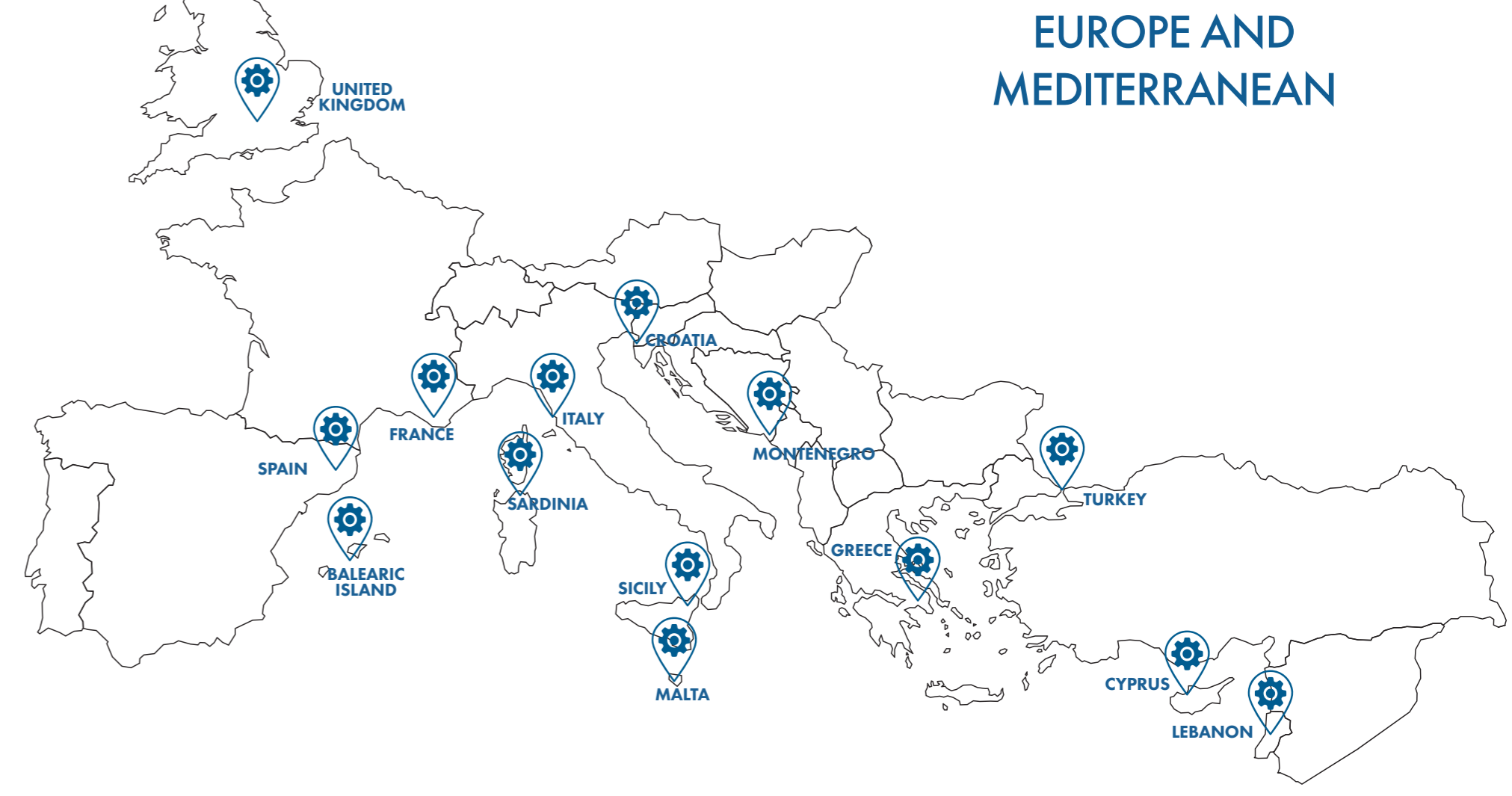
YILDIZ SHIPYARD



# A GLOBAL SERVICE NETWORK



# AVAILABLE 7 DAYS A WEEK



# EUROPE AND MEDITERRANEAN

Wherever you are cruising, you can rely on our worldwide Service Network which makes technical support easily available in the most common areas of navigation.





## WHERE TO FIND US

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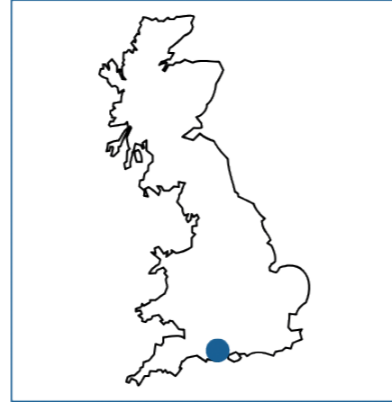
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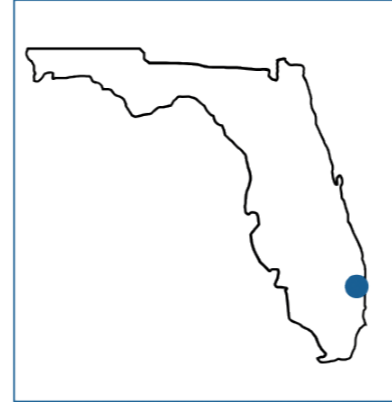
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### CONTACT US








Image courtesy of CL Yachts



# YOUR COMFORT IS OUR MISSION



The CMC Marine Waveless STAB fin stabilisers offer superior performance with advanced electric actuation technology, ensuring quiet and efficient operation. They reduce roll both underway and at anchor, enhancing onboard comfort and reliability with minimal maintenance.


-  ULTRA COMPACT
-  SUPERIOR STABILISATION
-  QUICK INSTALLATION
-  RELIABILITY AND WORLDWIDE ASSISTANCE
-  SUPER-ESTABLISHED
-  BEST QUALITY/PRICE RATIO
-  IDEAL FOR REFIT
-  SELECTED BY THE BEST SHIPYARDS
-  START AND STOP
-  ULTRA SILENT
-  EASY TO USE




# PATENTED SMART CONTROL



The DIA-LOG™ control system, designed and developed by CMC Marine with the Naval Institute of Naples University, maximizes the benefits of the Stabilis Electra stabilisers. Using precise numerical processes and reliable CMC Marine proprietary control algorithms, it ensures optimal seaworthiness and ship behaviour.

 **AUTO MODE**  
AUTOMATICALLY SWITCHES BETWEEN ANCHOR AND NAVIGATION MODES

 **ECO MODE**  
ENERGY-EFFICIENT MANAGEMENT OF ONBOARD LOADS UNDER ALL CONDITIONS

 **ANCHOR MODE**  
STABILISATION AT ZERO SPEED

 **MODE**  
REDUCED RANGE OF MOTION FOR STABILISATION IN TIGHT SPOTS

 **NAVIGATION MODE**  
STABILISATION UNDERWAY

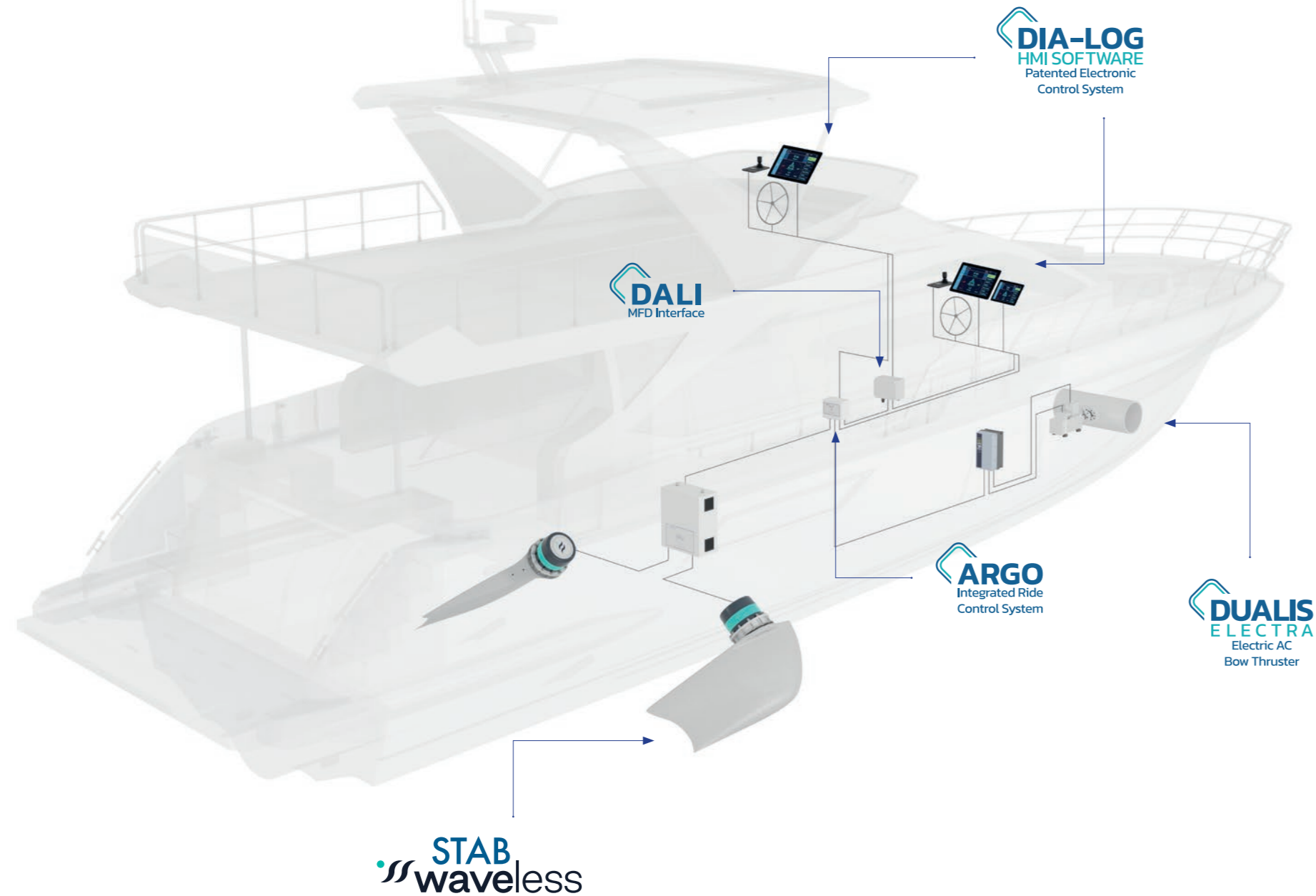
 **ADAPTIVE**  
AUTOMATICALLY ADAPTS TO SEA CONDITIONS

 **FLIP MODE**  
FINS CAN MOVE 180° TO MINIMIZE ANCHOR WALKING





## FULL PACKAGE



## ONBOARD INTEGRATION

### **DALI**

The DALI (Display Assistance Logging Interface) by CMC Marine integrates with the yacht's MFDs for a clean and integrated look, and allows real time diagnostic and remote assistance. The data logging supports performance analysis at any time and access to all functionalities, advanced control pages, preventive maintenance and online support.

### **ARGO**

The CMC Marine Argo™ system, controlling up to six surfaces simultaneously, integrates fins and rudders or pods control to enhance yacht stability by managing roll, pitch, and yaw. It improves onboard comfort, course stability and fuel efficiency whichever the size of the boat.

### **NEW ENERGY RECOVERY SYSTEM**

The CMC Marine Energy Recovery System reduces power consumption by up to 30%. It eliminates power peaks and lowers average consumption under any operating condition.



SEAMLESS INTEGRATION



MAXIMUM CONTROL  
EFFICIENCY



REMOTE ASSISTANCE



## TOP PERFORMANCES



- Unlimited On Time
- The most compact system ever
- The best quality/price on the market
- Less than 3 days required for installation
- Very low power consumption
- Very low maintenance
- Flexible power supply: AC 50Hz or 60Hz, DC Bus
- Up to 80% roll reduction in rough sea
- Service whenever and wherever you are
- Underwater replaceable fins
- None of our equipments have ever been replaced by competitors

## OUR REFERENCES SAY IT ALL



## WHY LIMIT YOURSELF TO EXCELLENCE WHEN YOU CAN ALWAYS IMPROVE?

Over the years our R&D department has been working on system integration, so that our products - which already show excellent performance individually - can increase in effectiveness when used together.

We have always collaborated with major brands to offer our customers an ever-expanding range of solutions for limitless ease of use.

We work in partnership with



# MAIN INFORMATION

WAVELESS STAB LINE		STAB 25	STAB 30	STAB 40	STAB 50
Typical yacht size:	Lenght over all [LOA]	15 to 22m [50 to 72 ft]	20 to 28 m [65 To 92 ft]	26 to 38 m [85 to 125 ft]	36 to 40 m [118 to 131 ft]
	Displacement (Δ)	25 to 45 T	40 to 90T	85 to 135T	130 to 165 T
<b>FIN SIZES</b>					
Available fin size:		0,65 sqm [7.00 sqft]	1,10 sqm [11.85 sqft]	1,50 sqm [16.15 sqft]	1,70 sqm [18.30 sqft]
		0,80 sqm [8.60 sqft]			2,00 sqm [21.52 sqft]
<b>POWER SUPPLY</b>					
AC:		110V/200-240V 1ph	110V/200-240V 1ph	200-240V 1/3ph 380-480V 3ph	380-480V 3ph
DC:		Dual power AC/24VDC	Dual power AC/24VDC	538V-679V DC bus	538V-679V DC bus

## POWER REQUIREMENTS for full system

Rated Power:		4 kW	6.6 kW	10 kW (1ph) - 12 kW (3ph)	22 kW
Peak Power:		4.8 kW	7.9 kW	12 kW (1ph) - 14.4 kW (3ph)	26.4 kW
Avarage power consumption*:	At anchor	2 kWh	3.3 kWh	5 kWh (1ph) - 6 kWh (3ph)	10 kWh
	Underway	0.5 kWh	0.8 kWh	1.2 kWh (1ph) - 1.5 kWh (3ph)	2.7 kWh

NEW

## ADDITIONAL FEATURE: ENERGY RECOVERY SYSTEM

## POWER REQUIREMENTS for full system

Rated Power:		4 kW	6.6 kW	10 kW (1ph) - 12 kW (3ph)	22 kW
Peak Power:		4 kW	6.6 kW	10 kW (1ph) - 12 kW (3ph)	22 kW

# MAIN DIMENSIONS

STAB ACTUATOR		STAB 25	STAB 30	STAB 40	STAB 50
A		256 mm [10.1 in]	356 mm [14.02 in]	370 mm [14.57 in]	645 mm [25.39 in]
B		225 mm [8.9 in]	333 mm [13.12 in]	364 mm [14.33 in]	322 mm [12.67 in]
C		62 mm [2.45 in]	62 mm [2.45 in]	69 mm [2.72 in]	74 mm [2.83 in]
D		360 mm [14.17 in]	426 mm [16.78 in]	460 mm [18.12 in]	760 mm [29.92 in]
Weight		57 kg [126 lb] each	126 kg [278 lb] each	157 kg [346.13 lb] each	272 kg [600 lb] each

## STAB FIN

Fin Sizes	STAB 25		STAB 30	STAB 40	STAB 50	
		0,65 sqm [7.00 sqft]	0,80 sqm [8.60 sqft]	1,10 sqm [11.85 sqft]	1,50 sqm [16.15 sqft]	1,70 sqm [18.3 sqft]
E	1504 mm [59.2 in]	1671 mm [65.8 in]	1959 mm [77.1 in]	2295 mm [90.4 in]	2439 mm [96.0 in]	2645 mm [104.1 in]
F	582 mm [22.9 in]	645 mm [25.4 in]	612 mm [24.1 in]	745 mm [29.3 in]	947 mm [37.3 in]	1025 mm [40.3 in]

\* In Small-Medium waves conditions. Real values depend on roll period, sea state, load condition.



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