

NEO 520 Roma



Incorporating Neo's distinctive look, the NEO 520 Roma shows muscle with elegance. Drawn by Ceccarelli Yacht Design and built entirely in carbon by Neo Yachts & Composites in Bari, southern Italy, this 18-metre crossover is offered on a shared platform in three versions — fast cruiser, cruiser-racer or full racer.

延續 Neo 招牌外型，NEO 520 Roma 力量與優雅兼具。由 Ceccarelli Yacht Design 設計、義大利南部巴里（Bari）的 Neo Yachts & Composites 以全碳纖維打造，這艘 18 米跨界帆船以共用的產品平台，提供快速巡航帆船、巡航競賽帆船與純競賽帆船三種版本。



"Every single line, every curve is there for a specific technical need — to create minimal impact and the highest efficiency through our elements: wind and water."

The reverse bow allows a longer waterline and less weight forward, while the sleek low freeboard and long waterline lower the centre of gravity and increase righting moment. An integrated deck cabin that disappears into the bowsprit offers interior height with minimal surface exposed to wind and waves.

Whichever version is chosen — fast cruiser, cruiser-racer or full racer — she maintains remarkably high average speeds on long passages and deliveries.

「每一條線、每一道弧度，都為特定的技術需求而存在——在風與水之間，創造最小阻力與最高效率。」

逆艏設計爭取更長的水線並減輕船艏重量；低乾舷與長水線降低重心、提升扶正力矩。一體化甲板艙延伸隱入船艏斜桅，在爭取室內高度的同時，將迎風與迎浪面積降到最低。

無論選擇快速巡航帆船、巡航競賽帆船或純競賽帆船版本，NEO 520 Roma 在長程航行與調船航行中，都能維持極高的平均航速。



STEERING SYSTEM & KEEL 操舵系統與龍骨

The Steering System 操舵系統

Twin carbon wheels, a light-alloy rudder sector and unidirectional Dyneema cables give the helmsman a precise "dinghy feeling".

雙碳纖維舵輪、輕合金舵向盤與單向 Dyneema 舵盤導向纜，帶來精準的小艇帆船般操舵手感。可選深吃水單舵（全方位、近岸競賽）或雙舵（離岸競賽、搭配升降龍骨）。

Deep single rudder 單舵	All-round · inshore
Twin rudders 雙舵	Offshore · lifting keel

The Keel 龍骨

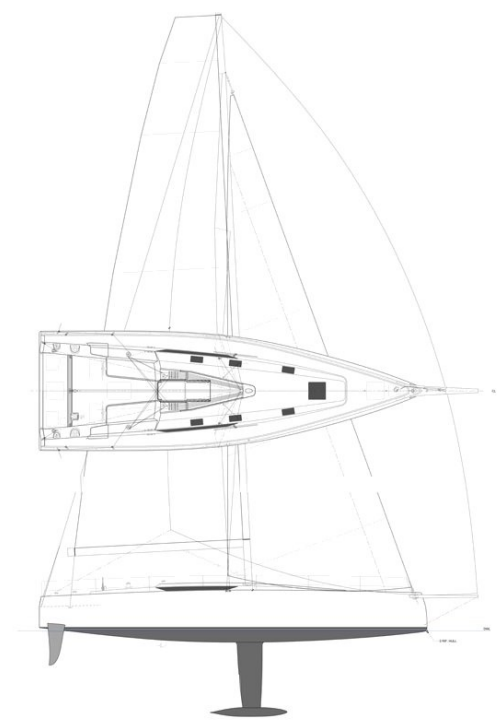
Weldox steel structure, carbon-fibre moulded shells and a 3,830 kg CNC-machined bulb — 50% of total displacement — for acceleration, speed and less heeling.

Weldox 鋼材結構、碳纖維模壓外殼與 3,830 kg CNC 加工壓載龍骨（佔總排水量 50%），帶來更強加速、更高航速與更小傾斜。

Fixed keel 固定龍骨	3.5 / 3.6 m
Hydraulic lifting 液壓升降	3.6 – 2.1 m
Electric telescopic 電動伸縮	3.5 – 2.1 m



MAST, RIG, SAIL and DECK HARDWARE 桅杆、帆具與甲板五金



Standards 標準配備

- Pauger Composites 3-spreader high-modulus carbon mast and boom
- Rod BSI standing rigging
- Dyneema SK78 halyards and sheets
- 8 Harken Performa winches · Spinlock stoppers
- Solid boom vang, spring / gas
- Composite stanchions and pulpits

Optionals 選配

- Pauger carbon-fibre rigging
- Hydraulic headstay tuning · mast jack · boom vang
- Electric winches · coffee grinders

Preliminary Rig & Sails 帆裝數據

P	21.30 m
E	7.15 m
IG	21.00 m
ISP	22.90 m
J	6.55 m
TPS	9.00 m
Mainsail Sport / Cruise	100 / 95 m²
Jib	71 m²
Staysail	35 m²
Code 0	160 m²
Asymmetric	300 m²



TENDER GARAGE & BEACH PLATFORM 艇庫與艀跳平台

Thanks to her large 5-metre transom, the NEO 520 Roma accommodates a good-size tender garage with engine, in both the twin-rudder and single-rudder versions.

A wide beach platform closes the garage and allows easy swimming and an easy return aboard from the sea.

憑藉寬達 5 米的船尾，NEO 520 Roma 無論單舵或雙舵版本，都能容納附舷外機的標準尺寸艇庫。

寬敞的艀跳平台同時作為艇庫艙門，讓下水游泳與從海中登船都輕鬆自在。





INTERIOR STRUCTURE 結構內裝

NEO 520 Roma interiors are fully built in composite and play an important role in the overall structure of the boat, in order to:

- Reduce passive weights
- Maximise the internal space
- Reduce maintenance
- Maximise longevity

Three different layouts are offered, each subject to possible optimisation. All of them include:

- A tender garage
- A chain locker
- A front sail locker usable as an extra cruising crew cabin

NEO 520 Roma 的內裝全部以複材夾層打造，並作為船體整體結構的一部分，藉此：

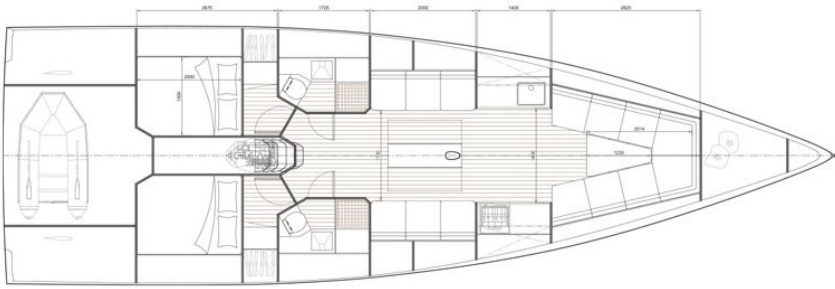
- 減少非必要重量
- 爭取最大室內空間
- 降低維護需求
- 延長使用壽命

提供三種不同佈局，皆可依需求進一步優化，且全數配備：

- 艇庫
- 錨鏈艙
- 可作為巡航時額外船員艙的前帆櫃



LAYOUTS 艙房配置

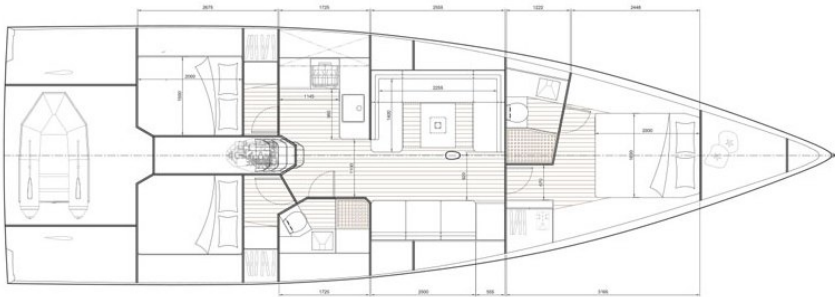


LAYOUT A

Symmetrical · for sportive souls

對稱配置 · 運動取向

- 2 aft cabins: twin bed + pivoting 3rd bed
兩間後艙：雙人床 + 可翻轉第三鋪
- Multifunctional owner cabin forward (bed / dining / office)
前艙多功能船東房（臥室 / 餐廳 / 辦公）
- 2 heads with separate showers · split galley · dining for 8
雙浴室獨立淋浴 · 雙舷廚房 · 8 人餐桌

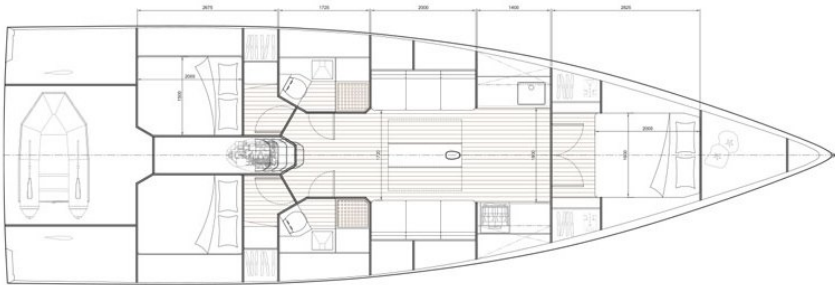


LAYOUT B

Classic · for fast cruisers

經典配置 · 快速巡航

- Owner cabin forward with en-suite bathroom & shower
前艙船東房附專屬衛浴
- 2 aft cabins: twin lower bed + pivoting upper berth
兩間後艙：下層雙人床 + 可翻轉上鋪
- Guest bathroom · L-galley · asymmetric dinette & nav station
客用衛浴 · L 型廚房 · 非對稱餐廳與導航站



LAYOUT C

Crossover · true owner cabin

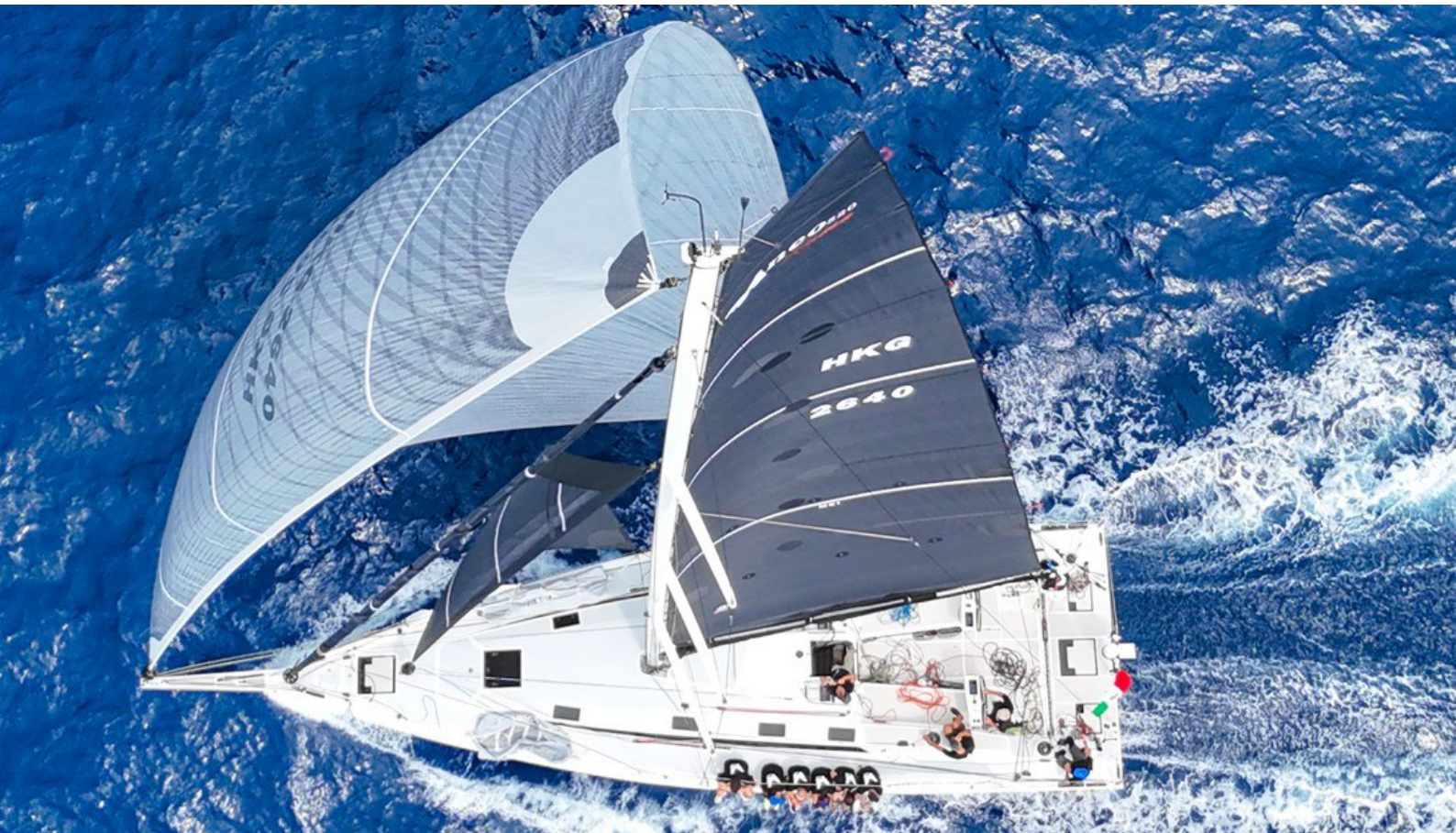
跨界混合配置 · 獨立船東房

- Based on Layout A, with a solid-door owner cabin
以 Layout A 為基礎 · 前艙為實體門獨立船東房
- Fixed twin bed forward with generous storage below
固定式雙人床 · 床下具充裕收納
- 2 heads with separate showers · split galley · dining for 8
雙浴室獨立淋浴 · 雙舷廚房 · 8 人餐桌

All layouts include a tender garage, chain locker and a front sail locker usable as a crew cabin. 三種佈局皆配備艇庫、錨鏈艙及可作船員艙的前帆櫃。

Overview	
Builder 船廠	Neo Yachts & Composites
Model 船型	NEO 520 Roma
Configuration 類型	Sailing Monohull
Built/Refit 新建&整新	-
Dimension & Volumes	
Length 全長	18.00m
Waterline 水線長	15.90m
Beam 全寬	4.91m
Draft 吃水深	2.10m – 3.60m
Displacement 排水量	9,150 kg
Ballast 壓載	3,830 kg
Water Ballast 水壓載	660 kg
Accommodation	
Cabins 艙間	3 (Layout A / B / C)
Heads 浴室	2
Machinery & Performance	
Engines 引擎	1 x Volvo Penta D2-60 Saildrive
Propeller 螺旋槳	Gori 2- or 3-blade folding
Fuel 燃油	200 L
Fresh Water 淡水	300 L
Black Water 汙水	80 L
Electrical 電力	Mastervolt lithium 24V, 5.5 kW
Rigging & Sails	
Mast / Boom 桅杆 / 橫桿	Pauger Composites high-modulus carbon
Mainsail 主帆	100 m² (Sport) / 95 m² (Cruise)
Jib 前帆	71 m²
Staysail 次前帆	35 m²
Code 0	160 m²
Asymmetric 球帆	300 m²
Design & Construction	
Exterior Design 外觀設計	Ceccarelli Yacht Design
Naval Architecture 造船工程	Ceccarelli Yacht Design
Construction 建造方式	Full carbon-fibre epoxy infusion
Hull Material 船殼材質	Carbon fibre / epoxy
Class & Flag	
Lying 位置	-

Preliminary data per builder. Specifications may vary by layout, keel and rudder configuration. 數據為原廠初步資料，依佈局、龍骨與舵型配置而異。









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