



NEO 350

Year 2019

 **DIAMOND**

DIAMOND Yachts, Yachtzentrum Baltic Bay
Börn 17 | 24235 Laboe

NEO 350



Boat sold.

Main Info

Model	Neo 350
Manufacturer	Neo Yachts & Composites
Designer	Ceccarelli Yacht Design
Category	Cruiser/Racer
Year	2019
Location	Bodensee
Flag	Germany
VAT status	EU-VAT paid
Material	GRP
Rig	Sloop with carbon mast
Cabins	2
Berths	6

Dimensions & Material

LOA	11.80 m
LWL	9.90 m
Beam	3.65 m
Draft	2.10 m
Displacement	4.5 t
Sail area	71 m ²
Engine	VOLVO PENTA D1-20
Power	19 PS/14 KW
Drive	Saildrive with folding propeller
Fresh water	150 L
Fuel	70 L
Holding tank	20 L

Key Facts

- High tech light displacement construction.
- Carbon rudder blade.
- Approval for Lake Constance.
- Carbon fiber rig.
- Exclusive deck fittings.
- Extensive Grand Prix sail wardrobe.
- Modern state of the art design.
- Tiller steering version.

Description

Fast and modern state of the art cruiser/racer built by Neo Yachts [&] Composites in Italy. The Neo 350 is a 100 % lightweight hybrid construction made of carbon fibre and E-Glass laminated with epoxy resins in vacuum infusion and then baked at 65°C. Clever, ergonomic cockpit layout and high quality fittings everywhere on deck. Giovanni Ceccarelli's design, however, is not only a fast racer but also quite a pretty yacht with low freeboard, an elegant window band in the coachhouse and a flat transom without chines. Functional, modern and bright interior in lightweight panels with white high gloss varnished surfaces. Two aft cabins with double berth and additional sea berth in carbon fibre on the hull sides. The forward dinette can be converted into another double berth by lowering the table. Heads compartment and galley are located amidships. This Neo 350 is the regatta-optimised "Neomania" (original sail number: ITA-17504, ORC rating: 587.9). Beyond the high shipyard standard, this yacht was equipped with a high modulus carbon fibre mast made by Pauger with rod rigging. CNC machined fin keel in lead and carbon fibre rudder blade and tiller. Very extensive Grand Prix sail wardrobe by Banks-Sails. The Neo 350 was built for the 2019 ORC World Championship but had no intensive racing after that. A great opportunity to get your hands on an absolutely competitive ORC Class 3 racer for the 2023 World Championship in Kiel with no waiting. The yacht is Bodensee-approved. The ...

Construction

- Hull and deck of hybrid construction in carbon fibre and glass fibre laminated in vacuum infusion with epoxy resins and Corecell foam as sandwich core. Hull and deck are baked at 65°C
- Carbon fibre strongback vakuum-laminated to the hull
- Attachments for shrouds, forestay and backstay in unidirectional carbon fibre laminated into the hull
- CNC-milled IRC fin keel in lead
- Carbon fibre rudder blade with carbon fibre shaft, carbon fibre tiller (incl. SPINLOCK telescopic tiller extension) and JP3 self-aligning rudder bearings

Rig/Sails

- Deck-stepped, 9/10 fractional high modulus carbon fibre mast by Pauger
- Two sets of aft-swept spreaders
- Carbon fibre main boom by Pauger
- Standing rigging in Rod
- Forestay and backstay in PBO
- Running rigging in Spectra
- Carbon fibre bowsprit with bobstay for gennaker or code-0 with integrated anchor fitting
- Carbon fibre spinnaker pole with rail on mast
- Gennaker/spinnaker deck gear
- Very extensive Grand Prix sail wardrobe by Banks-Sails
- Second set of sails for touring or deliveries by Banks-Sails
- Lazy bag and lazy jacks

Deck

- SeaDek artificial deck on cockpit floor and seats
- HARKEN rails, blocks and deck fittings
- ANTAL halyard stoppers
- Mainsheet in T-system with wide traveller and HARKEN Performa mainsheet winches
- 2 x HARKEN Racing Quattro coachhouse winches
- 2 x HARKEN Racing Quattro sheet winches
- 2 x HARKEN Performa winches for backstay
- Halyard bags and pockets for winch handles in cockpit
- Retractable aluminium mooring cleats
- Electric anchor windlass
- Mooring gear: Anchor 10 kg with 30 m anchor chain 8 mm
- Railing stanchions in carbon fibre with Spectra life lines
- Folding swim platform with life raft storage compartment
- Hot/cold stern shower

Interior/Layout

- Two symmetric aft cabins with double berth and additional sea berth in carbon fibre on the hull sides
- Heads compartment amidships to port with marine toilet, sink and shower
- Galley amidships to starboard with sink, cool box and gas stove (two burners and oven)
- Forward dinette that can be converted into another double berth by lowering the table
- The main bulkhead has been replaced by a structural carbon fibre frame, creating an open, spacious impression
- SeaDek artificial deck on floorboards
- Lightweight construction also in the interior: Furniture and floorboards are made of lightweight, high-gloss white-painted composite panels

Technical Equipment

- VOLVO PENTA D1-20 3 cylinder inboard diesel 19 hp/14 KW
- Saildrive with 2 blade folding propeller
- Removable SPINLOCK throttle
- 230 V shore power connection with charging cable
- Battery charger 12 V
- Service battery 12 V/150 Ah
- Starter battery 12 V/60 Ah
- 12 V and 230 V sockets in interior
- LED interior lighting
- Holding tank
- Grey water tank

Navigation/Electronics

- BROOKS [&] GATEHOUSE H5000 system
- H5000 Hercules processor
- Transducers for log, echosounder and carbon racing masthead unit 810 mm (wind transducer)
- 3 x B[&]G 20/20 maxi display in bracket on mast
- B[&]G H5000 multifunction display
- B[&]G analogue wind display
- 9" chartplotter B[&]G Zeus³ forward in cockpit
- B[&]G H5000 autopilot
- VHF-radio
- AIS-transponder AIS500

Safety

- Life raft
- Life jackets
- ORC safety category 3-equipment
- 2 x electric and 1 x manual bilge pump
- Fire extinguisher

Accessories

- Weber harbour-trailer with laminated half shells
- Fenders
- Mooring lines

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