



CLAASEN
—SHIPYARDS—



F-CLASS YACHTS - SY FIREFLY

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Classic Yachts with a modern twist

The Dutch are known for their straightforward approach to life and business, and this is also reflected in their rich heritage of maritime trading around the globe. Over recent decades, Holland's superyacht industry has become a byword for quality. The Claasen story is inextricably linked to this rich history, with a background that reflects Dutch excellence in boatbuilding.

Established in 1985, Claasen Shipyards builds premium yachts that are renowned for their flexibility, quality and craftsmanship. This is hugely appreciated by the growing number of proud Claasen owners, each of whom has been able to incorporate their own tastes and preferences into their custom yachts.

From Truly Classics such as *Heartbeat* and *Kealoha* to groundbreaking performance yachts such as *Louise* and the first ever F-class *Firefly*, the Claasen Shipyards fleet contains some of the most renowned superyachts of recent times. It also illustrates how we are able to offer you a full range of custom and semi-custom options from the boards of the world's leading designers and naval architects.

If you would like to find out more in person, why not arrange a visit to the yard: We are only 20 minutes from Amsterdam Schiphol Airport and would love to show you around our facilities. Who knows, you too may soon find yourself at the wheel of your very own Claasen yacht. In the meantime, we are proud to introduce to you the beautiful *Firefly*.



*The facilities
at Zaandam.*



SY FIREFLY

Designed in the spirit of tradition, the F-Class is developed and engineered as a high-performance racer and optimised to race in the Spirit of Tradition classes. The design brief called for “a yacht to be fast on all points of sail, both in light and heavy winds and be able to perform as well as a J-class yacht or better”.

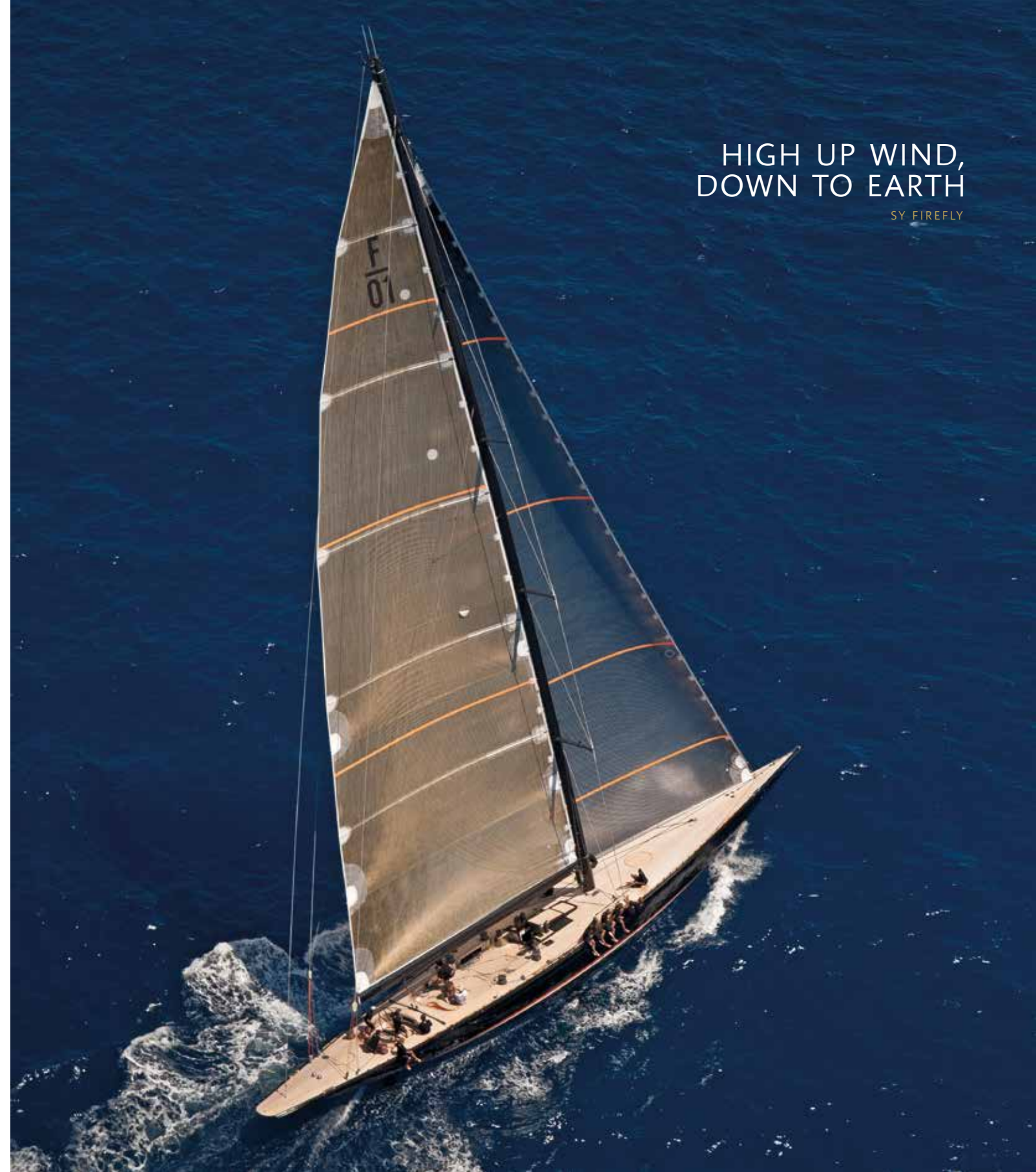
A new breed of racer

The first stunning and timelessly lined F-Class yacht *Firefly* was launched in May 2011. *Firefly* made her debut at the Superyacht Cup in Palma de Mallorca 2011 and immediately took the spotlight. Designed by Hoek Design, *Firefly* was constructed to the highest quality standards available. Her hull was built by Bloemsma Aluminiumbouw and completed by Claasen Shipyards.

The combination of classic lines, modern design, advanced technical systems, high performance spars and rig with unconventional bold materials give *Firefly* her unique quality and finish. All sailing systems are hydraulic, with Harken winches, Lewmar deck gear and PBO rigging. These specifications can be tailored and designed to your personal likes and preferences.

HIGH UP WIND,
DOWN TO EARTH

SY FIREFLY





INTERIOR

SY FIREFLY

Firefly is entirely streamlined for sailing on and below decks – her minimalist interior features pipe cots forward of the mast, a stall shower and separate toilet, locker space for all the crew, a small galley and a navigation table.

Firefly's technical systems are very advanced. The main engine is a Steyr 6-cylinder driving a folding propeller, while a 4-cylinder Steyr engine drives the integrated flywheel generator (generating 4kW to charge batteries) and a hydraulic pump. A water ballast system is built in for long distance races, with five tons of water that can be transferred from one side to the other within two minutes. *Firefly* is built on web frames spaced a meter apart with longitudinal framing for stiffness. Finite calculations of the structure ensure the boat is strong enough.





PLAY TO WIN

SY FIREFLY



EXTERIOR

SY FIREFLY

As the first of the performance-oriented F-class yachts, the 35.20-metre *Firefly* features long overhangs, a sweeping sheer, a flush deck and a moderate deck camber that reflect yachts developed in the early 1930s. At the same time, she combines a 5.2-metre draught with a 30-tonne lead bulb and high aspect ratio carbon spade rudder to great effect, and is as powerful as any 21st century yacht. Her deck layout features two cockpits, including a separate one for the helmsman.



Technical Details

General	
Type	F-Class Yachts
Name & Year	Firefly 2011
Yard	Claasen Shipyards
Naval Architect	Hoek Design Naval Architects

Principal dimensions	
Length hull overall	35,20 m
Length on design waterline	22,23 m
Beam overall	5,58 m
Draft on design waterline	5,20 m
Total displacement on DWL	62 t
Ballast weight (approx.)	28 t

Rig and sail dimensions	
Mast Type configuration	Cutter rigged sloop
Spars builder	Hall Spars
Sailmaker	North Sails

Upwind	594 m²
Downwind	1.095 m²

I measurement	ca. 36,55 m
J measurement	ca. 11,45 m
P measurement	ca. 37,33 m
E measurement	ca. 13,33 m

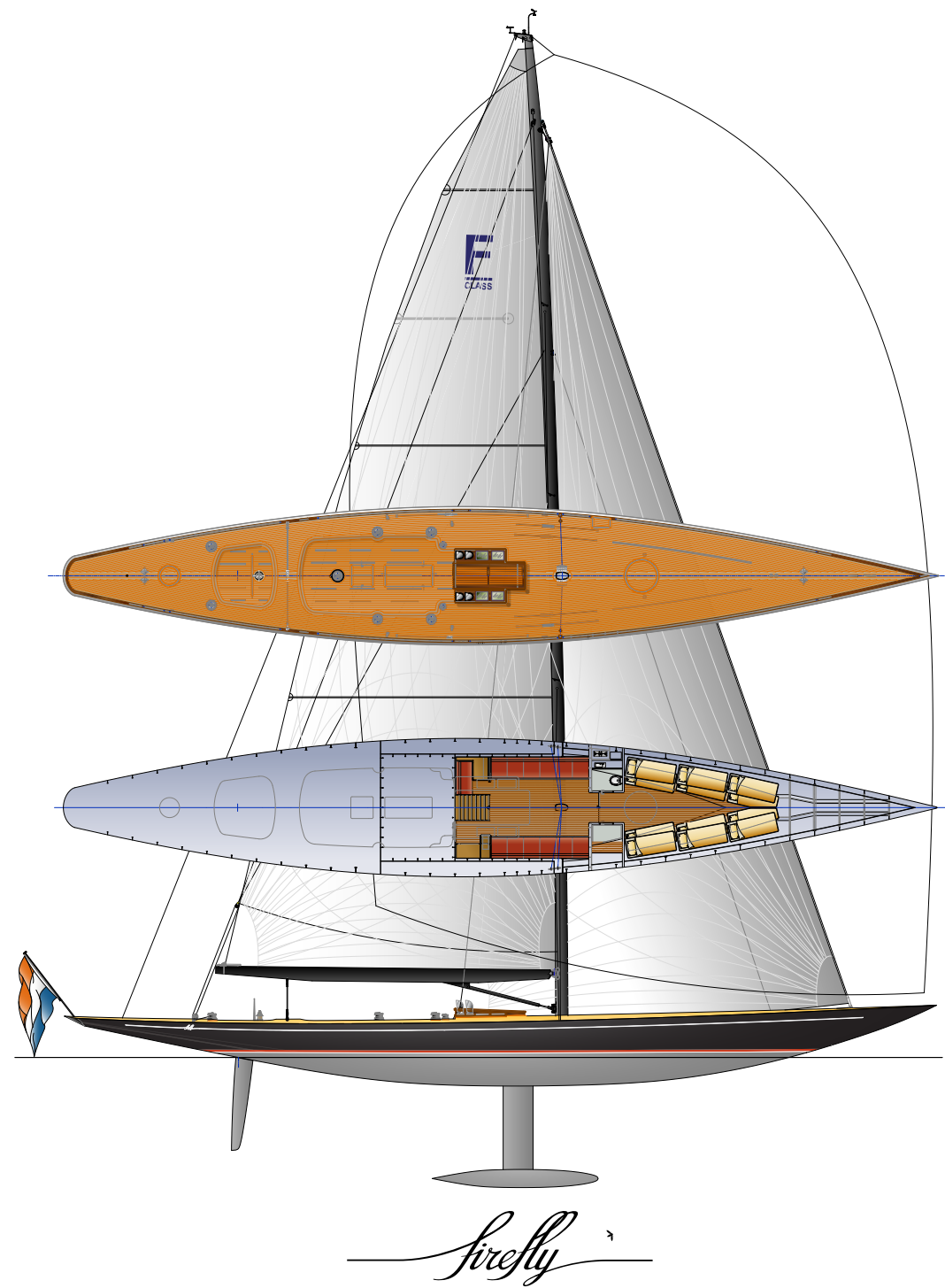
Tank capacities	
Water tank	ca. 800 L
Diesel tanks	ca. 900 L
Black / Grey water	ca. 500 L
Water-ballast	ca. 5.000 L

Propulsion arrangement	
Main engine	Steyr MO236K42
Max. Power	172kW / 230Hp



STYLE IN ABUNDANCE

SY FIREFLY



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