

SPEED, STYLE,  
SOPHISTICATION.

MEET THE

**MELGES**<sup>40</sup>





MELGES 40

MEET YOUR NEW BEST FRIEND FROM

**MELGES**  
*Performance Sailboats*

 **PREMIER**  
COMPOSITE TECHNOLOGIES

# THE RE-VOLUTION OF ONE DESIGN

## THE FUTURE HAS ARRIVED...

The Melges 40 marks a new chapter in large-format, one-design racing:

*Melges Performance Sailboats is well-known worldwide for performance, quality, premium customer service and support.*

*Designed by Botin Partners Naval Architecture, built by Premier Composite Technologies*

*A one-design weapon for windward/leeward, in-shore and coastal racing*

*Features a new ownership concept for a one-design racing Class that promotes and strengthens a unique sailing/racing experience*

**MELGES**<sup>40</sup>





*MELGES*<sup>40</sup>

# FALL HEAD OVER CANTING KEEL

Be among the first to own and experience the ultimate race boat... the Melges 40™.

Visionary, relentless, and innovative, the Melges 40 is poised to outperform and exceed your every expectation.

# FEATURES

## CANTING KEEL, ONE-DESIGN MELGES 40

The canting keel aboard the Melges 40 is designed to increase upwind performance and create a dramatically faster and thrilling downwind run.

Sailed with a team of 8-9, this super-charged machine delivers electrifying racing, a style of competition famously associated with the Melges brand.

### FEATURES

CANTING KEEL

AFT PEDESTAL

RUNNERS

SQUARE-TOP MAIN

ASYMMETRIC SPINNAKER  
ON RETRACTABLE CARBON SPRIT

TRANSPORTABLE ON FLAT RACK

### SAIL PLAN

MAINSAIL	72.00 m <sup>2</sup>
JIB	49.00 m <sup>2</sup>
GENNAKER	200.00 m <sup>2</sup>



# SPEED THE NUMBERS

## UPWIND BOATSPEED (KTS)

TWS (kts) - 10 m	MELGES 40	HPR40	DELTA (kts)
6	6.98	6.55	0.43
10	7.93	7.62	0.31
14	8.38	7.99	0.39
20	9.04	8.49	0.55
25	9.38	8.65	0.73

## DOWNWIND BOATSPEED (KTS)

TWS (kts) - 10 m	MELGES 40	HPR40	DELTA (kts)
6	7.37	7.01	0.36
10	9.71	8.75	0.96
14	13.46	12.15	1.31
20	17.15	15.75	1.40
25	19.97	18.40	1.57



# THE DESIGN

The Melges 40 is a thoroughbred, high-performance, canting-keel, racing machine from the extremely talented Botin Partners.

With a string of significant 2015 winning regatta designs at the Rolex Fastnet Race, Copa del Rey, Block Island Race Week, Japan Cup and many more, Botin is at the top of their profession consistently delivering race winning design and performance in many competitive classes.

*"The boat will be easy to sail fast downwind, due to the twin rudders and its powerful hull shape. It will be fun for the whole crew to sail.*

*There is nothing like it around. I am certain it will be a great class for both private owners and professional sailors. Everyone will learn new tricks every day and enjoy racing hard against each other."*

*~ Adolfo Carrau, Botin Partners Naval Architecture*

# IT'S ALL IN THE DETAILS

## SPECIFICATIONS

LOA	11.994 m
LWL	11.10 m
BEAM	3.53 m
DISPLACEMENT - Lightship	3250 kg
DRAFT	3.20 m
CREW (680 kg)	8
ENGINE	20 hp
KEEL FIN WEIGHT	100 kg
BULB WEIGHT	1100 kg
CANTING KEEL ANGLE	45 degrees
RM @ 25 DEGREES	6510 kg.m

## COMPOSITE CONSTRUCTION

Vacuum infused carbon/epoxy/foam sandwich construction

## MAJOR COMPONENTS

Carbon keel fin  
5-axis milled lead bulb  
Carbon rudders  
Carbon canard  
Carbon retractable bowsprit  
Carbon tiller  
Custom foredeck watertight hatch  
Carbon / Glass fiber stanchions

## CANTING KEEL

Single hydraulic cylinder  
45 degree maximum canting keel angle  
Electric operated with internal measuring system

## DECK GEAR

Full Harken blocks, sheave and pedestal

## RETRACTABLE PROPULSION

Inboard engine 20 hp  
60 lt fuel tank

## RIG

Two (2) sets of swept back spreaders  
Two (2) piece mast for easy transport  
Twin running backstays  
Carbon standing rigging  
Adjustable carbon forestay  
Mainsail and jib on a lock  
Two (2x) masthead spinnaker halyards  
Two (2x) fractional genoa halyards  
Adjustable mast base  
Deck stepped

## TRANSPORT

Easy shipping on a flat rack

## DESIGNER

Botin Partners Naval Architecture  
& Melges Performance Sailboats

## BUILDER

Premier Composite Technologies

## SUPPLIERS

Pure Engineering  
Harken  
Southern Spars  
Gottifredi Maffioli



# VISIONARY RACING & LIFESTYLE

## IN A PERFECT MELGES WORLD

The Melges 40 racing experience is about lifestyle — and living it to the maximum possibility.

Time is a luxury and the Melges 40 offers only the best in sailing venues, yacht club atmosphere, fair competition and exquisite social events with old and new friends equally as passionate as you are about sailboat racing.

Top-notch racing on the water and first-class entertainment for owners, athletes and families is a reality all day, every day. The Melges 40 declares no boundaries uniquely shifting the paradigm of sailing and delivering uncompromised reward.





# PLUG & PLAY

## **TAILOR MADE JUST FOR YOU**

The Melges 40 experience is exactly what you asked for.

While you focus on racing, we manage every technical and logistical detail for you and your shore team:

*Optimized logistics provided by a knowledgeable and dedicated Class staff can accommodate any shore team and boat captain*

*Offers a fixed budget for the season, tailor-made and exclusive to fit YOUR team and its every need*

Your professional staff awaits:

*Travel management for boat and crew*

*Total boat management*

*Hotel accommodations and rental booking*

# BEST IN CLASS

## PROFESSIONAL MANAGEMENT

### **International Class Board**

Five owners, three professional sailors and one Melges representative will provide general guidance to class management, assist with budget review/overview and event scheduling.

### **Technical Committee**

Driven by Rob Weiland as Class Rules Manager, a Chief Measurer, technical experts from Melges, Botin Partners, Premier Composite Technologies, sailmakers and five boat captains will focus on solving technical issues, improving Class rules and answering questions from teams quickly.

### **Regatta Committee**

A **Professional Event Manager** will supervise and coordinate the regatta organization together with Marco Mercuriali appointed as **Racing Manager**, focused on racing rules, Jury-Umpire management and on-the-water management together with 3 tacticians.

Well known professionals will cover these key roles at events:

**Marco Mercuriali** - Chief Umpire

**Miguel Allen** - Chief of the Jury

**Torrijo/Reggio** - PRO

## TOP-QUALITY, FAIR RACING

Four days of fun racing at any stage with windward/leeward course configurations and/or coastal racing

Melges World Series will match stand-alone events and worldwide historical regattas at the best sailing venues

Each team to include eight crew members plus one guest — to share the thrill of sailing with family, sponsors and VIPs

Professional PRO and Jury with direct on-the-water umpiring

Boat measurement at any event

Limited days of training and sails inventory

## INNOVATIVE RACE FORMAT

Two (2) days windward/leeward

One (1) day “Full Throttle Course” = high speed racing

One (1) day coastal race of approximately 4 hours

# LOCATION IS EVERYTHING



## 2017 THE FIRST WARNING SIGNAL

In 2017, the first Melges 40 regatta will take place with 10 boats on the starting line.

With the support of premier yacht clubs such as **Yacht Club de Monaco (YCM)** and **Yacht Club Costa Smeralda (YCCS)** around the world, an international racing series will alternate between Europe, North America and the Caribbean.

Our management group is ready to welcome you and your team to an all-inclusive, ideal racing series that combines epic venues with grand social gatherings.

## KEY DATES

- 2016 DECEMBER 2-3 : Unveiling of the Melges 40
- Event No. 1: 2017 MARCH 15-18 - Dubai Grand Prix
- Event No. 2: 2017 APRIL 19-22 : Dubai Grand Prix
- Event No. 3: 2017 JUNE 14-17 : Porto Cervo Grand Prix
- Event No. 4: 2017 JULY 29 - AUGUST 6 : Copa del Rey Grand Prix
- Event No. 5: 2017 OCTOBER 12-15 : Valencia Grand Prix

## 2017/18 WINTER SERIES

- 2017 OCTOBER/NOVEMBER in Valencia, Spain
- 2018 FEBRUARY/MARCH in Valencia, Spain



*Yacht Club de Monaco (YCM) and Yacht Club Costa Smeralda (YCCS) have pledged their partnership and support in launching this beautiful class of boat hosting a high-toned international regatta format.*

# THE POWER BEHIND THE PROJECT



In collaboration for the Melges 40 — Melges Performance Sailboats and Premier Composite Technologies have joined forces to create a one-of-a-kind, exciting, racing experience.

With more than 20 years of experience in regatta and race management, the Melges team is committed to providing unparalleled service and product support throughout the entire process, and first-class organization.

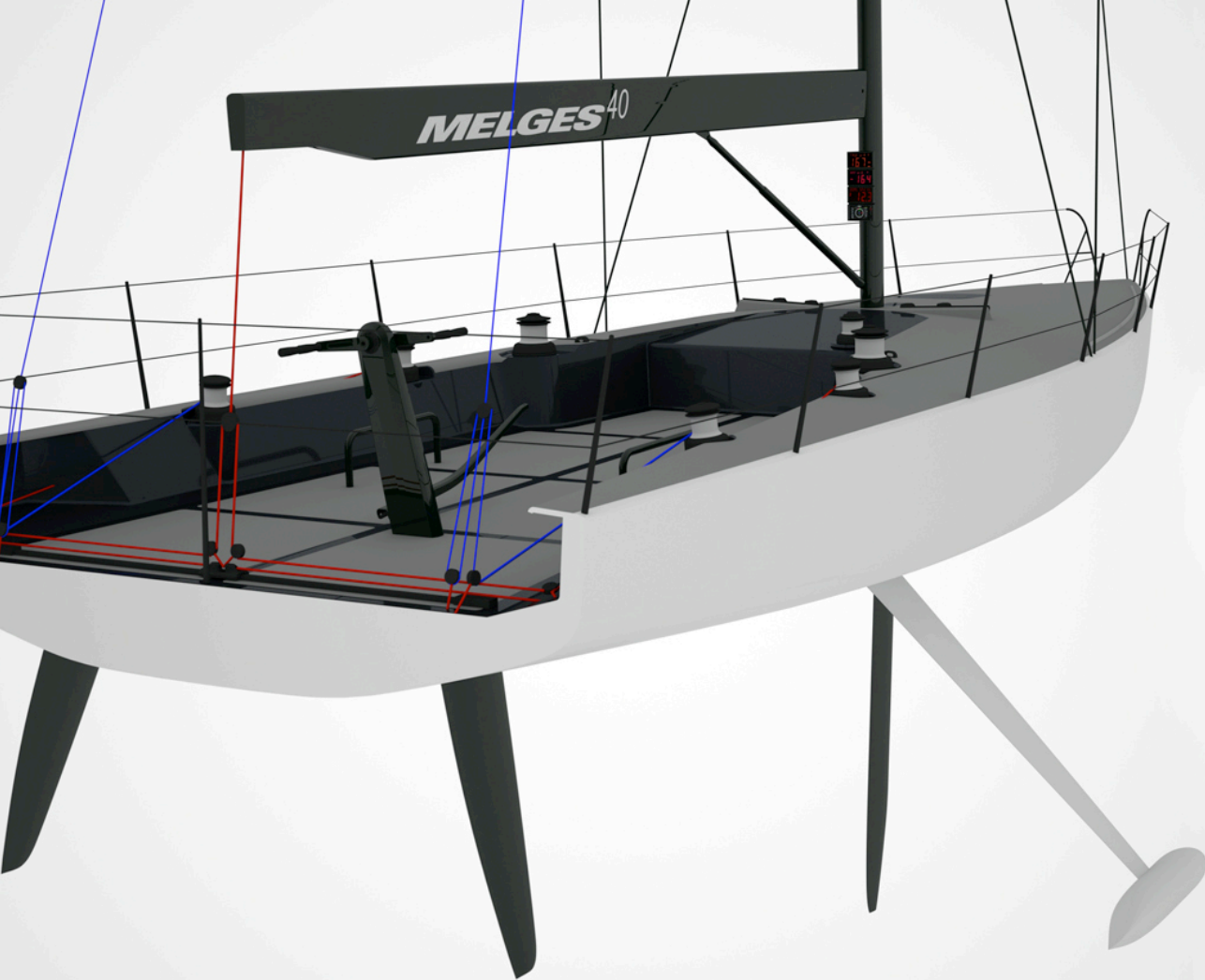
## KEY ELEMENTS

*Management group will work in close liaison with owners to create the ultimate racing Class*

*There will be strict collaboration with premier yacht clubs to coordinate world-class programs ensuring top venues and lifestyle location for owners and their families*

*Professional centralized, one-stop shop, boat maintenance and service program*

*Low cost and turn-key logistics support*



# ONLY THE THE BEST

Multiple award-winning and leading global supplier and manufacturer of advanced composite components for architectural design, transportation and boat-building markets, **Premier Composite Technologies (PCT)** is the exclusive builder of the Melges 40. Utilizing their 5-axis milling capacity, rigorous quality control and weight management, the Melges 40 is the most precise one design ever.

Only the best designers, builders and component manufacturers have been selected to make the Melges 40. It is the most to-the-t, technologically advanced, canting-keel sailboat of its kind.

# CONTACT US



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