

MC38

ONE DESIGN



McConaghy Boats is proud to bring One Design racing to a whole new level with the MC38 OD.

VALUE

SIMPLICITY

FUN

EXCITING

REWARDING

QUALITY

OWNER DRIVER

NO ARMS RACE



ONE DESIGN GRAND PRIX RACER



The **MC38** was conceived on a desire to race on an even playing field at a grandprix level, to create a boat and class that gives owners and crew the most rewarding time on the water, at an affordable price.

The design brief to McConaghy Boats and Naval Architects Dunning and Associates was clear, to build a One Design Boat that ticked the boxes that other classes had failed to achieve:

Value: TP52 performance and excitement with small boat campaign costs, now available to everyone

Simplicity: eliminating complexity in class rules, boat design and boat handling and excessive crew numbers

Fun: exhilaration but not exhaustion, maximizing time on the water racing. Minimizing time in transport, set up, maintenance, eliminating the need for rating optimisation.

No arms race: control all aspects of the boat design and class rule to ensure a level playing field for all owners regardless of available budget

Owner driven: Owners drive the **MC38** class, not only helming their own boats, but every aspect of the class. Owners have driven the brief of the boat from day one, the specifics of the class rules, and the racing on the water.





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EXCITING & REWARDING



Every step of the way, McConaghy Boats have carefully considered the owners and crew, from design, construction through to the rules and sailing, this has been rewarded by the **MC38** fleet attracting owners and crew from all levels of sailing,

"You know you are on to a winner when you have such a range of sailors all stepping off the boats with a huge smile of their face."

Owners and crew will find it a responsive and communicative boat to sail. It is simple and straight forward with nothing that is not required to make it go fast, yet no expense spared on materials and quality of construction. The systems are carefully considered and thought through, with the ability to get the maximum performance out of the boat without it being over complicated or requiring a full complement of professional crew .

As standard the **MC38** comes with tiller steering, with the option for wheel steering ensuring that owners feel comfortable at the helm.

The **MC38** has plenty of sail area, which is offset by plenty of stiffness and power, designed to go upwind solidly like a much larger boat and yet perform downwind like a high performance dinghy.

The excitement of the class is enticing the latest generations of sailors to the fleet, Sailing Academy's such as the Youth Sailing Academy run out of the Cruising Yacht Club of Australia have a fantastic numbers of the past graduates and current squad making their way to the world stage of sailing on the **MC38s**

"Assassin's been a good challenge. We're improving because we have enthusiasm and commitment. It's a level playing field, as the boats are quite new, so everyone is learning the technical aspects of trying to make them go faster," Evan Walker, one of the YSA Academy Sailor's, calling tactics on Rob Crawford's *Assassin*





THE RULE

From the onset it was very clear to McConaghy Boats that without carefully written rules which were true to the design brief, the MC38 Class would not grow.

Many respected One Design sailors were consulted during the development process. Various One Design Class Rules were analysed and have utilised the elements that were successful and fundamental flaws eliminated.

A clear brief was set in place, and Richard Slater*, Rules Advisor was brought on to write the Rule. It was paramount that the rules were closed and really eliminated the arm's race. It was extremely important to keep an even playing field so that it really came down to how well you sailed on the day and not the size of the wallet, encouraging all owners to join the class and not be scared off by some of the bigger names in the business.

It is very clear: THESE RULES ARE CLOSED CLASS RULES WHERE IF IT DOES NOT SPECIFICALLY SAY THAT YOU MAY – THEN YOU SHALL NOT.

Key Features of the rules include:

- Owner Driver
- Max crew weight of 600kg (7-8 people)
- No more than 3 Professionals
- Limitation to Sail Buttons
- Capped specification on electronics package
- The boat in One Design configuration is as per the build specifications: No Modifications, No Optimisation

To manage the strict One Design Rules, an independent rule Authority consisting of Richard Slater and Richard Hudson**

* Richard Slater has been rules advisors for some of the biggest campaigns in sailing including Team SCA Volvo 2015 Ocean Race, Oracle 34th America's Cup Campaign

** Richard Hudson, experienced yachtsman and Yachting New South Wales Director





MC38

MUSTO

WELCOME TO THE CLUB



Entering into to the world of One Design racing is more than just fun on the water, its about being part of something special. The MC38 International Association is managed by the owners for the owners, ensuring a fun time on and off the water is had by all.

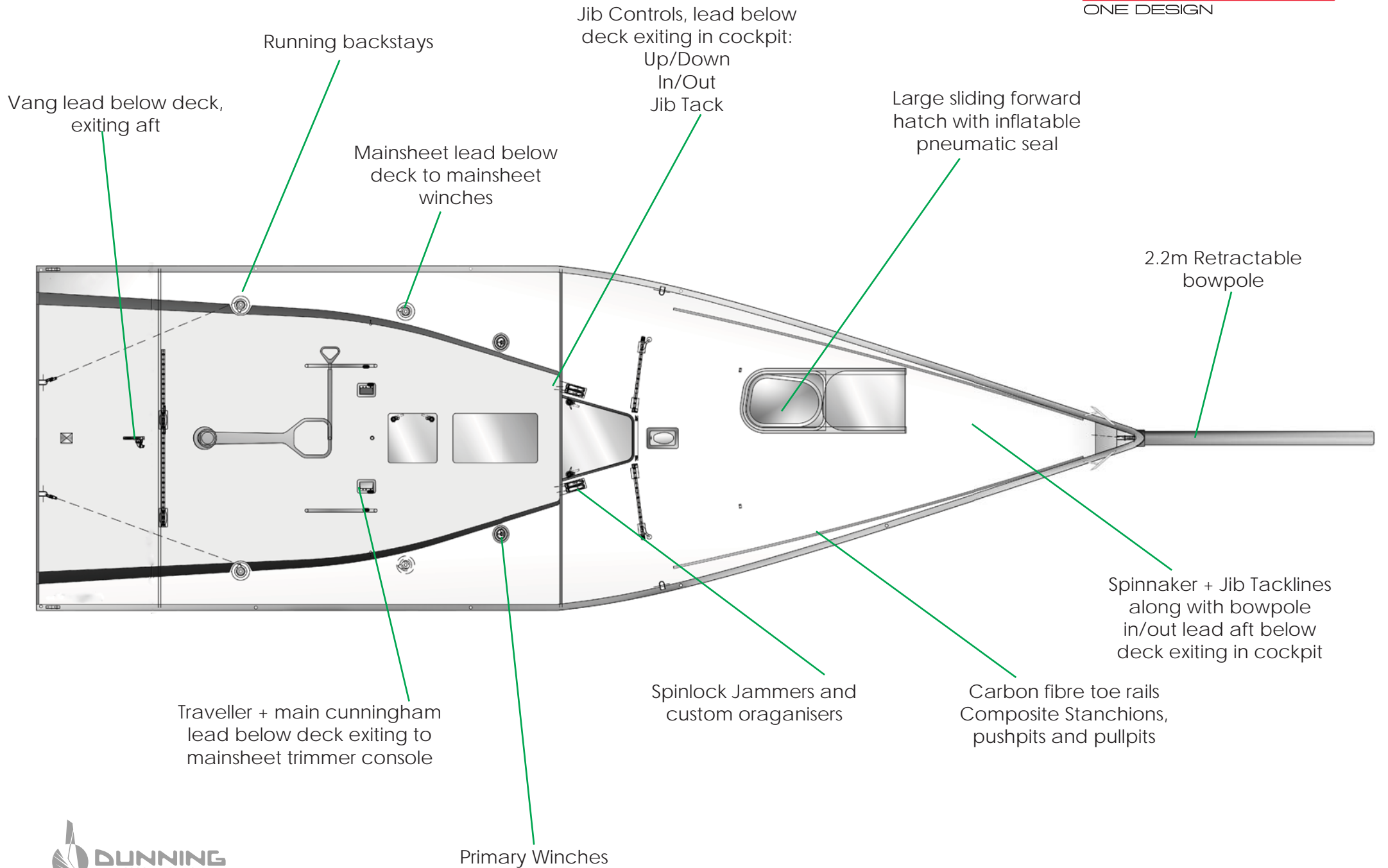
The Class Association works closely with the hosting clubs, race committee and the Class Authority to ensure that every one is fully briefed on the racing that the Class has come to enjoy and expect.

In 2014, on water umpiring was introduced, and is a very well received addition to the racing format, decisions are made on the spot, and penalties taken, then after racing its off to the apres-sail festivities rather than wasting hours in the protest room.

The format is based on maximising the time sailing whilst minimising the time between races.

"The structure of the racing was probably what impressed me most. The racing is short and sharp and with the on water umpires the results are final. The atmosphere both on the water and off is great and the momentum within the class is certainly building. With the new additions to the fleet and the spectators on the water it looks like it wont be long until we need a longer starting line!"

Wade "Bubs" Morgan, Maserati MC38 Team, Professional Sailor, 3 Luna Rossa Challenge Americas Cups, 1 Abu Dhabi Ocean Racing Volvo Ocean Race



McCONAGHY PEDIGREE

For 47 years McConaghy Boats has been at the forefront of composite technology, pushing the boundaries, achieving new goals, and always striving for perfection.

Since 2006 McConaghy has built over 1,200 one design and ISAF class sailing boats:

- 20 MC38s
- 800 Moths, including 500 Mach 2 Foiling Moths
- 150 Woman's Olympic Class Elliott 6s One Designs
- 55 Melges 20 One Design
- 120 Optimist Dinghies
- 20 Elliott 7s One Design
- 11 J70s

To ensure strict compliance to One Design Rule, all components are inspected, weighed and checked against target specifications before installation. Prior to leaving the factory, the boats are weighed in their One Design Configuration and corrector weights used if required, establishing fairness across each boat and protecting the longevity of the class. When MC38 Boat 1 and 5 were weighed in their OD Configuration, after sailing for more than 6 months, they were within 5kgs of one another, a testament to the superior build quality from McConaghy Boats and the strict Rules.

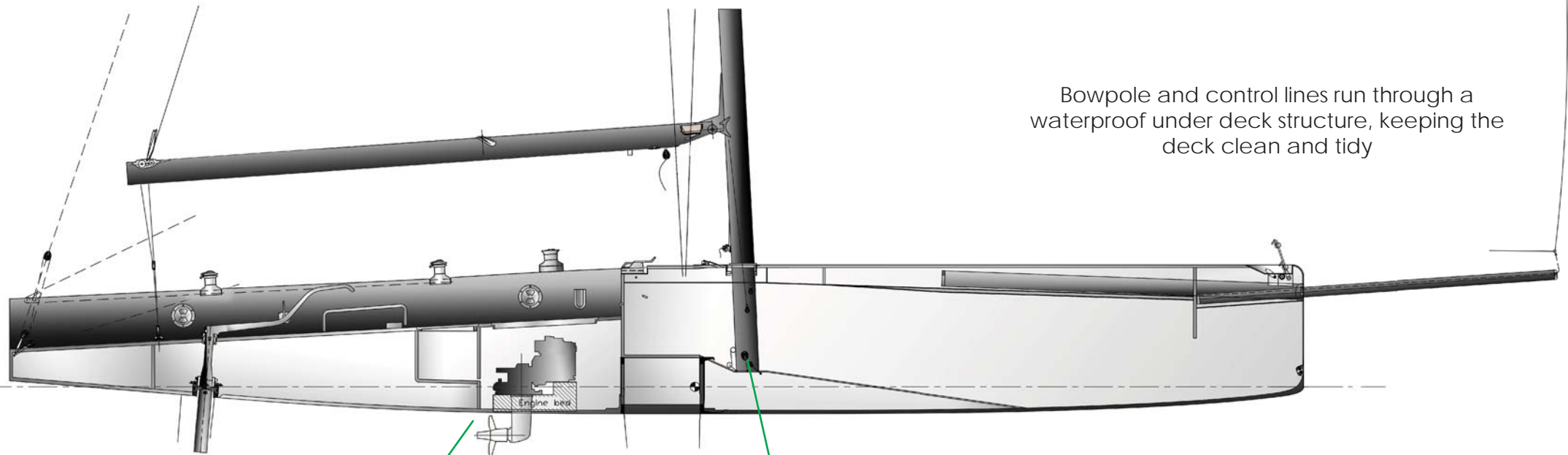




"Dear Jono, I want to tell you my MC38 is simple and beautiful in other words she is SIMPLY BEAUTIFUL. I can honestly say that I have never had such fun and I have sailed & raced most of my life. The MC38 is a thoroughbred." Sincerely, Leslie Green.

Leslie Green, 2014 MC38 Australian Champion, aged 83, Ginger

Optional Category 4 and 2 Equipment can be fitted which is removable for One Design Racing: includes pipecots, galley facility, head and stove



Bowpole and control lines run through a waterproof under deck structure, keeping the deck clean and tidy

15 hp Yanmar Engine with Sail Drive

Internal hydraulic mast jack and adjustable mast base



FROM THE DESIGNER

"When first approached about the MC38, it was very clear that many owners were getting frustrated with One Design sailing, they didn't need to be lugging all the unnecessary furniture around with them, don't want to spend a fortune in keeping up with the Jones just to be competitive.

The **MC38** concept came to life....

To minimize the number of crew required to sail the boat, and thereby reduce regatta costs, the design and engineering team focused on the boat's stability and its sail-handling systems in order to get the ideal crew weight down to around 600kg or seven/eight people. The result is a boat that is light on its lines, quick to accelerate, and agile through the turns "

Harry Dunning, Designer **MC38**

Harry Dunning has been a professional yacht designer for over 25 years, holding design positions at Farr Yacht Design and Reichel/Pugh Yacht Design. He has also been a part of four America's Cup design teams, including principal designer for Mascalzone Latino-Capitalia Team. He has played an active role in developing many of the most innovative racing yachts of the last 22 years, including winners of nearly every major inshore and offshore event.

Harry Dunning and McConaghy Boats have an extremely close working relationship, that stretches back to his days at Farr Design and Reichel Pugh. Some of the highest profile racing yachts of the last two decades have come from this exceptional team.



"At McConaghy we do not compromise on construction or equipment, including the Rig, there is no need to optimise or modify the boat once it leaves the factory..... This is the problem that we have seen in other classes, boats leave the factory in an unfair state or equipment supplied for the job is not up to standard, this does nothing for the integrity or the longevity of the Class"

Jono Morris, McConaghy Boats MD & member of the MC38 Class



Principle Dimensions

LOA	11.35 m
Beam	3.50 m
Draft	2.80 m
Displacement	3200 kg
Keel Weight	1600 kg

Sail Plan

IM	15.90 m
J	4.63 m
P	16.50 m
E	5.00 m
Spinnaker Area	185 m ²
Main Area	68 m ²
Jib Area	33 m ²





*"The MC 38's are proving an exciting platform...
Fun to race with plenty of action around the race course and a really enjoyable social scene.*

The strong owner driven association backed with technical support from a world leading boat builder is proving a great partnership."

Lang Walker, MC38 Kokomo, Farr 40 Owner

BOAT OF THE YEAR



MC38 AWARD 2013 BOAT OF THE YEAR: The prominent industry magazine Sailing World has been running the Boat of the Year Competition (BOTY) since 1987, recognising and honouring the very best of the latest sailing boats introduced to the North American Market. An independent team of judges evaluate each boat nominated against a strict criteria; design purpose, construction quality and most importantly how well the boat sails. After McConaghy Boats exhibited the MC38 at Annapolis Boat Show the judges took it for a blast around the Chesapeake Bay, the judging panel commented *"the MC38 One Design, is a work of boat building art and excellent under sail"*

The MC38 One Design was awarded the BOTY Best Grand-Prix One-Design, recognising that the MC38 does achieves exactly what it said it would do when the design was initially conceived - Value, Simplicity, Fast and Exciting - *"The MC38 One Design takes a lot of the go-fast innovations and piles them into one impressive carbon race boat. It's light, powerful and priced well."* Commented Sailing World. This is a fantastic accolade not only for McConaghy Boats but also the MC38 Class itself which is still buzzing after their first One Design Regatta in Australia at the beginning of the month. The Sailing World judges were noticeably impressed with the MC38's stability and performance "It's really stable and pretty darn fast for a 38-footer" said Greg Stewart (Naval Architect) after their test sail in single digit winds *"It's easy to get 8 knots, and the wake off the boat was very clean"* Chuck Allen (Sail Maker) said "Downwind this boat will just Rip".

McConaghy Boats have always been recognised and applauded for their custom boats' build quality which has not been compromised in their production ranges. Tom Rich (Boat Builder) commented not only on the quality of construction of the MC38 but also the finish *"It's cleanly built, with nice finish work, inside and on deck"*.

"Congrats to the team", said David Reed, BOTY Director, when he broke the news to McConaghy Boats. *"Honestly, the team kept saying how well built the boats were and they don't say that often"*





"We just had a great weekend of racing in Pittwater Australia with the relatively new MC38 fleet, we had 6 boats all campaigning at a very high level with five different winners in 7 races. They have a very light/powerful hull with a huge amount of sail area so it was no problem racing in the very light conditions." Ray Davies, America's Cup Team NZ Tactician



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