

elan 410





”The fractional rig
gives the spectator
an instant clue...,”

Robert

Exellency in design **Elan 410**

In designing the Elan 410 we set out to create a boat that, while it offers the very best in fast and comfortable cruising, has more than a little racing pedigree that will quicken the pulse of any sailor looking for some excitement out on the start line.

While the 410 is the natural successor to the Elan 40, it is in fact a considerably larger boat with over a metre of additional waterline length greatly enhancing her performance as well as her interior volume. The fractional rig gives the spectator an instant clue as to her competitive inclinations, yet for the cruising sailor we have added the option of balancing the powerful mainsail with non-overlapping headsails making her easily managed by a small or family crew. The large wheel again speaks of the racecourse, but it also makes her easy to control for the leisure helmsman who likes to give the autohelm some occasional time off. We also included a combination iron / lead keel with its very low centre of gravity for enhanced stiffness, another attribute that benefits all yachtsmen whatever their preferred kind of sailing.

The 410 is instantly recognisable as an Elan with her streamlined coach roof and large cockpit, and to that we have added the feature, usually found on much larger boats, of running all her control lines under the deck to the cockpit to give her a smooth, eye-catching finish both when under sail and at rest in harbour. Down below we have made the best use of the interior volume to provide a comfortable saloon with plenty of space for meals and relaxation, and three double cabins with a choice of layouts in the forward section allow for plenty of privacy for families and guests.

We are delighted with the way this project evolved, and are confident that the graceful and versatile sailing yacht that resulted will give a great deal of pleasure to sailors however they choose to enjoy their time spent on the water. We believe she really extends the ethos we have been trying to define for the Elan range, exuding power but with finger-tip sensitivity. If she were a vehicle she would be described as a driver's car, but no passenger would complain.





The Elan 410 is a complete new hi-tech design performance cruiser and logical next step in Elan's restyled Elan performance range with the emphasis on top level performance to capture the spirit of the competitive sailor and at the same time offering the well appointed comforts and style for the enjoyment of the crew onboard. Designed to be responsive and fast in light wind, the boat easily handles various weather conditions with only a minimum adjustment of the sail area, a feature equally important to the cruising family as it is to the race crew. Elan sailing yachts come with a prestigious pedigree that is a promise of excellence and a commitment to quality throughout.

The ergonomically designed cockpit is comfortable for cruising as well as racing. Powerful winches, extensive use of roller bearing blocks and a large diameter steering wheel makes for easy handling.

Together with the superior method of keel fixing, all this gives the helmsman and crew a confident feeling of safety and control to deal with difficult weather conditions. All Elan sailing yachts meet the highest Germanischer Lloyd's Type Test Standard with emphasis on both safe and fast sailing.

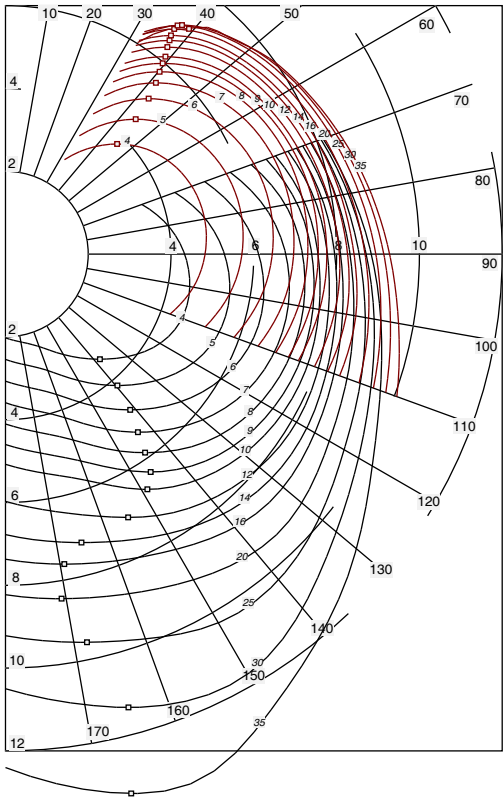
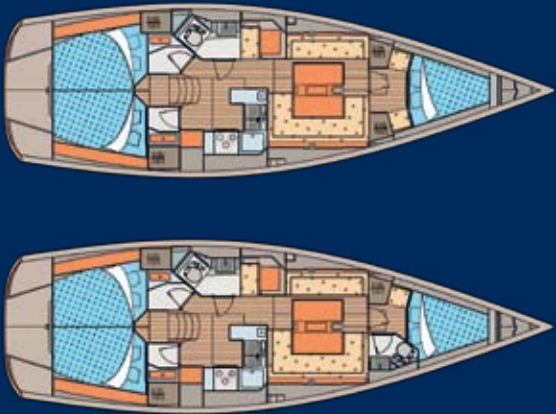


Below deck the spacious 3 cabin interior provides more headroom than expected in a yacht of this size. Generous L-shaped innovative galley with dedicated space for front opening refrigerator and microwave oven, U-shaped settee in the saloon and plenty of efficient storage with forward facing chart table and spacious head department in saloon or optional in front.

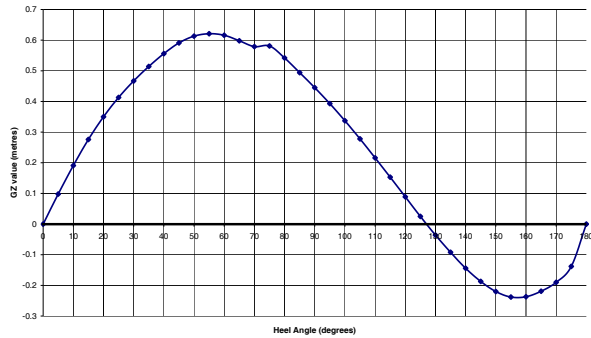


Technical specification

Lenght overall	12,27 m
Hull lenght	12,27 m
Lenght at waterline	11,28 m
Beam	3,91 m
Draft	2,20 / 2,45 m
Displacement	8300 kg
Ballast	2779 / 2469 kg
Water capacity	355 l
Fuel capacity	145 l
Engine	40 hp
Mainsail	50,47 m ²
Genoa	41,28 m ²
Gennaker	155,36 m ²
Spinnaker	129,35 m ²
I	16,66 m
J	4,63 m
P	16,16 m
E	5,43 m
Boat design category CE:	A
Design:	Rob Humphreys



Polar diagram



Stability curve



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elan

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