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 **Impression 384.**
by *elan*



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IMPRESSION 384

The Impression 384 offers a host of features that will be greatly valued by bluewater cruising families, friends or couples. The boat is distinctive in design, style and comfort, with more than a 25% larger volume compared to boats of its size. The spacious cabins, heads and showers are absolutely first-class, with stunning accommodations and plenty of storage. The semi-deck saloon offers supreme comfort with flowing space, a welcoming ambience, panoramic windows and its lightwood interior. The comfortable cockpit leads down to a large swimming platform for days of relaxation, entertaining and pleasurable cruising.

Exceptional seaworthiness in its class, well thought-out design, volume distribution and layout of deck and hardware all contribute to easy handling without compromising boat performance. Its design pedigree is the best testament for serious, fast bluewater cruising.







EXCELLENCY IN CONSTRUCTION

Inner structure

The hull structural strength is a key factor in overall boat safety, and in its resistance to ever-demanding ocean conditions.

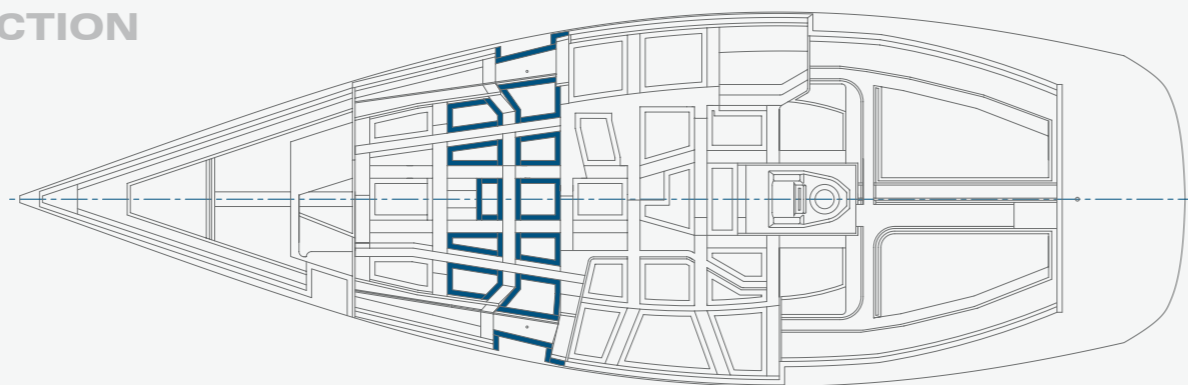
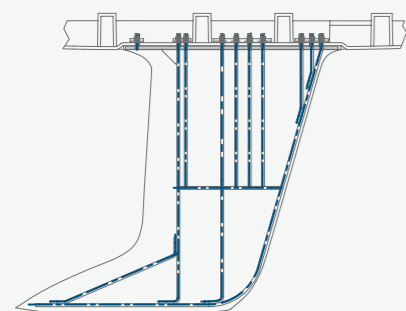
Maintaining the highest profile of structural frames among boat builders, and the highest number of longitudinal and transversal stringers, the Elan inner structure is one of the most comprehensive reinforced structure on the market today.

Adding a unique combination of gluing and laminating techniques to the inner mould to the hull joint is the final proof Elan yachts are built to last.

Keel joint

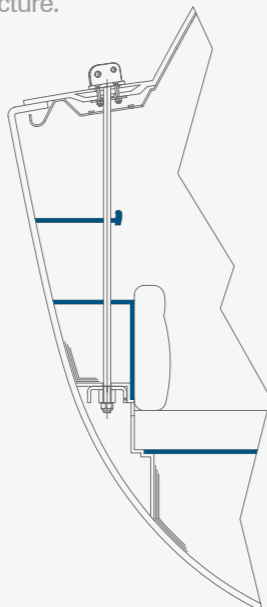
The cast iron ore lead keel is attached to the hull by premium grade stainless bolts that are highly resistant to corrosion.

The internal structure grid ensures the best possible strength and flexibility in beating to windward, or in severe groundings. Before fitting each Elan keel is sealed for protection and smooth finish.



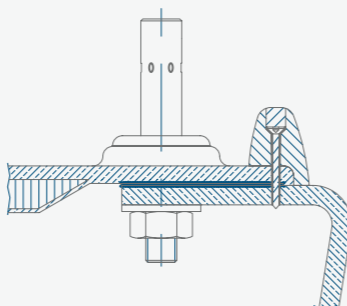
Chainplates

Chainplate loads are spread via High Quality marine stainless steel rods to metal plates incorporated into the inner structure.



Hull – deck joint

To preserve the design shape of the hull prior to the joint, specially designed metal jigs are used. Use of an in-turning wide flange offers a strong support for the deck on a large surface for bonding material. Hull and deck are joined together by a 3-way technique: Gluing of the hull and deck parts together, use of stainless steel bolts for mechanical shear, fastening and laminating of the joint at the bow and transom area to allow for even greater stiffness and sturdiness. 100% reliability with no recorded failure in thousands of miles of tough ocean conditions.



High Quality materials

Carefully selected materials are subject to our strict quality control. Use of high technology materials, from the latest research, enable us to optimise the laminate plan of each yacht. Quadriaxial- and multiaxial- glass fibre, Kevlar® reinforcements at the mast support and bow area, Aramat® and Dyvinacell® all contribute to the well known strength of an Elan yacht.

Use of Vinyl ester pre-laminate and Isophthalic polyester laminate which insures perfect antiosmosis protection and superb mechanical properties to weight ratio.

Gelcoat spraying

Apart from the aesthetic function, a layer of gel coat is used to prevent water penetration into the laminate and preserve its stiffness over long periods of time. In order to achieve the highest level of consistency in quality and thickness, the HQ gel coat is being sprayed by computer-operated nozzle in a carefully monitored production process.

VAIL

The proper goal in hull construction is to produce the required strength and stiffness with the least weight of material. Unnecessary weight makes a yacht more difficult to manage, and less enjoyable to sail. With our own system of Vacuum Assisted Infusion Lamination - VAIL the results were more than promising.

Gelcoat spraying



Inner structure

Germanischer Lloyd

All our yachts are under constant supervision of Germanischer Lloyd. With its long history of more than 150 years Germanischer Lloyd is setting the highest demands in boat building industry today. Each ELAN yacht is carrying a GL certificate as ultimate proof of her quality, durability and safety.

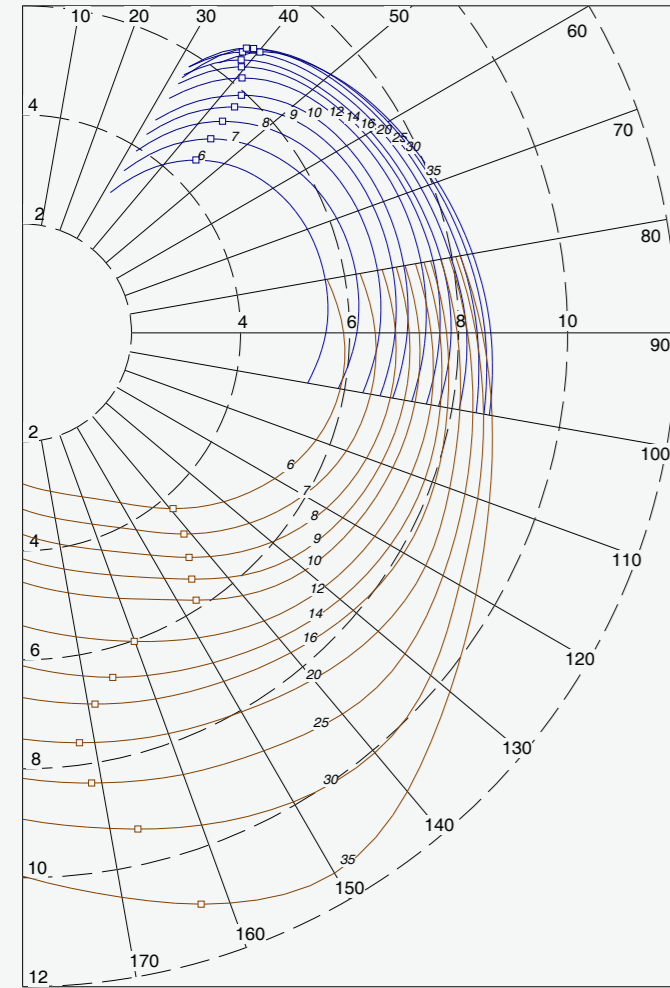
Only in that way do we know we have fulfilled the owner's expectations.

The Elan range of performance cruising yachts and Impression cruisers are all built under permanent technical supervision of Germanischer Lloyd for Sailing Yacht specification on a hull structure designed to give any sailor confidence.

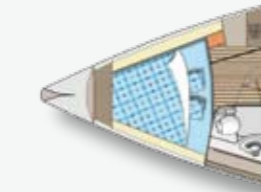
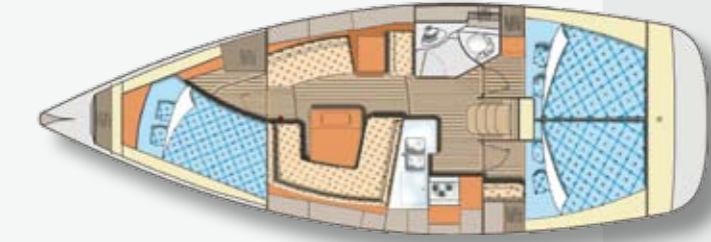
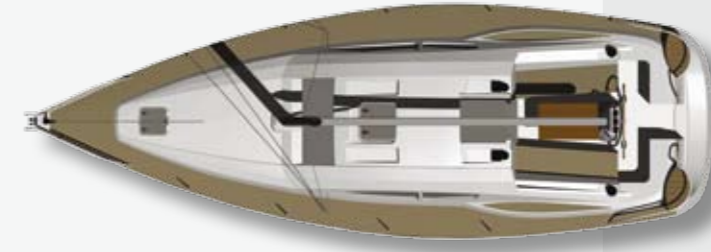
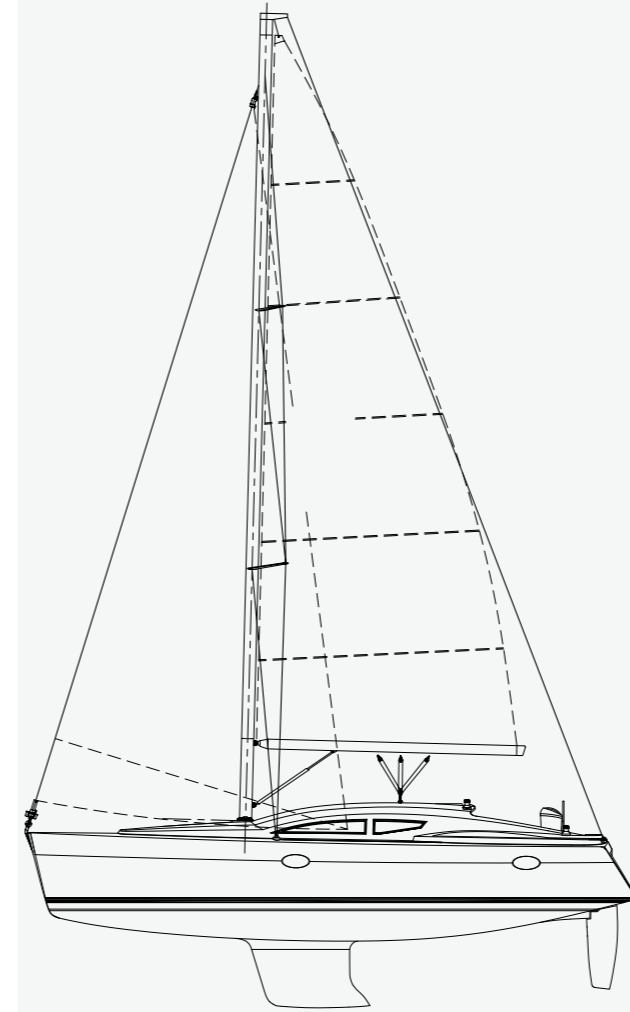
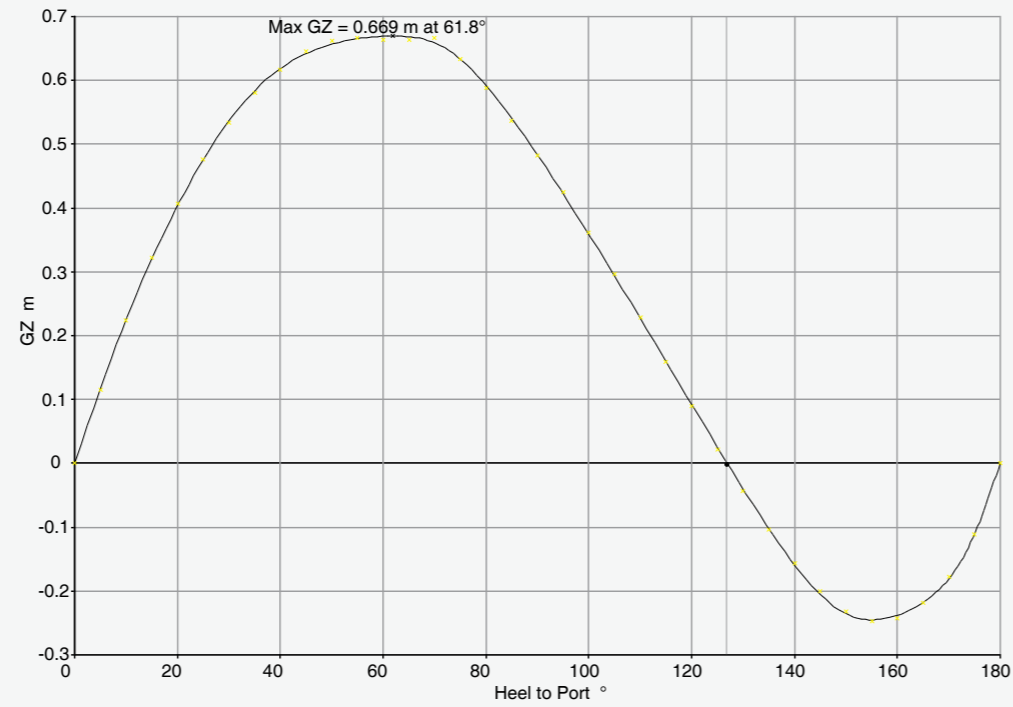


PERFORMANCE

Polar diagram



Stability curve



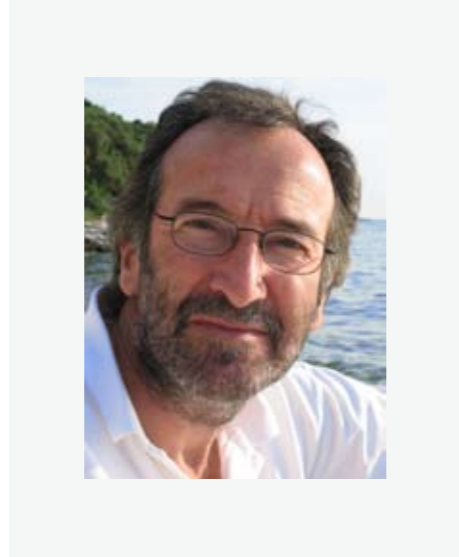
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Technical specifications

Lenght overall	11,55 m
Hull lenght	11,25 m
Beam	3,91 m
Draft	1,80 m / 1,50 m
Displacement	approx. 7.600 kg
Engine	29 HP/40 HP
Water capacity	240 l / 512 l
Fuel capacity	165 l
Air draft	16,57 m
Main sail	37,91 m ²
Genoa	38,11 m ²
Spinnaker	98,00 m ²
I	13,96 m
J	3,90 m
P	13,00 m
E	4,86 m
Boat design category CE	A
Design	Rob Humphreys

EXCELLENCY IN DESIGN

Rob Humphreys is an award-winning designer known internationally for his expertise in designing sailing yachts that successfully combine fast, modern hulls with all the comfort and convenience demanded by today's cruising sailor. The Humphreys Design team has an enviable track record of designing racing boats for the world's leading events; including the America's Cup and the Whitbread Round the World Race, as well as for leading sailors such as Ellen MacArthur. At the same time Humphreys Yacht Design has built a reputation for consistently creating popular and capable cruising boat ranges for internationally known builders such as Elan Marine, Oyster Marine and Northshore Yachts.



Rob Humphreys

"When we designed the Impression 384 we set out to create a fast cruising boat capable of extending the cruising range available to the owner or charterer over a given time, and without any sacrifice in comfort or ease of sail handling.

The 384 retains the same live-aboard qualities as her bigger sister, the highly successful 434, and like her is also available with a range of internal layouts to match the requirements of individual owners. All the options have at their heart the spacious and airy saloon, with an abundance of natural light and comfortable seating to make extended periods on board a real pleasure.

In keeping with the Humphreys ethos, the Impression 384 has a powerful but easily driven hull, combining excellent stability with generous freeboard to keep the crew dry. The well-protected

cockpit is both spacious and comfortable, with generous seating space even around the aft end of the cockpit in the form of pushpit seats.

With the Impression 384 now a reality we are confident that in partnership with Elan Marine we have created an attractive, high specification boat that will reward owners with many hours of fast, comfortable cruising. We've been delighted by the success that her sistership the 434 has met in her first year and we are confident that the 384 will likewise make an early mark."

