
450

**BROADEN YOUR
HORIZONS MORE.**
ELAN 450

elan

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FROM OCEAN CROSSING TO FAMILY CRUISING. AND EVERYTHING IN BETWEEN.



The Elan 450 is developed for blue water sailing as well as family cruising. Bringing together the best of two worlds, she benefits from the VO70 inspired twin rudders and broad open transom, while ensuring unparalleled comfort below and on deck. Designed by Humphreys Yacht Design, Elan 450 is intended for sailing yachtsmen, who don't compromise neither on the sailing performance, stability or control, nor on the level of comfort, whether in the 3- or 4-cabin layout.

The owner wins the feel and motion of a bigger boat, with a more tolerant sailing envelope that is not so demanding of sail changes as a conventional production boat.

ROB HUMPHREYS
ELAN 450'S DESIGNER

A stylized, handwritten signature of Rob Humphreys in black ink.



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**RACING INSPIRED PERFORMANCE.
LEISURE IMBUE CONTROL.**

The Elan 450 sets new standards in short handed sailing in its class. An impressive sail plan with a tall fractional rig, swept aft double spreaders, increased mainsail area, non-overlapping headsail and optional large gennaker handled by the retractable bowsprit maximizes her sailing performance while taking full advantage of the precise combination of deep lead keel and twin-rudder steering system.



ELAN HAVE GONE MAD - THE LATEST LAUNCH LOOKS LIKE A 45FT RACER, BUT WITH COMFORTABLE INTERIOR.
YACHTING WORLD



TWIN RUDDERS

Twin rudders deliver great directional control and allow for much easier sailing in rough conditions. As they immerse further with increasing heel angle, the leeward rudder will always be in its most efficient position whilst the windward rudder will be creating very little or no drag. Twin rudders deliver outstanding performance under sails without sacrificing the responsiveness while steering, and capability of fast blue water passage making.



OCEAN CAPABILITIES

Twin steering wheels, main sheet traveler mounted on cockpit floor, 3 pairs of powerful winches, German main sheeting system are the essentials for fast passagemaking.

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FORM FOLLOWS FUNCTION.
STYLE FOLLOWS INNOVATION.

The ergonomic cockpit is designed for easy movement and pleasant life on board. The cockpit table storage in the cockpit floor, large cockpit lockers, recessed space for sprayhood, gangway offer exceptional comfort while cruising or moored. Transom can be opened for a more comfortable access to the sea and doubles as a useful storage space.



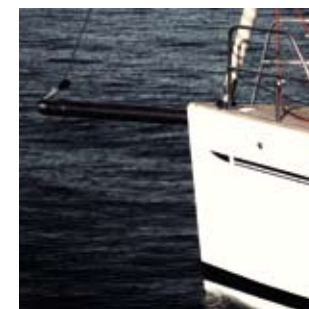
TWIN STEERING WHEELS
Twin steering wheels ensure an ideal position for the helmsman and offer a wide space for passage forward and aft.



AN ENJOYABLE DESIGN,
EITHER FOR YOUR SAILING
MATES OR YOUR WIFE
AND KIDS.



FOLDABLE TABLE
The cockpit table has a dedicated storage in the cockpit floor, leaving wide, uncluttered space when cruising.



CARBON BOWSPRIT
The retractable bowsprit for the gennaker, delivering excellent performance downwind.



SAFETY ON BOARD
The deck is designed foremost for efficient sailing and crew safety. The head stay furler is recessed under deck as is the swiveling stemhead fitting for the anchor.

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LIGHT AND SPACE
FOR UNCLUTTERED COMFORT.

The yacht's beam allows for an uncluttered interior with huge amounts of natural light coming through the strip of deck hatches that runs the length of the coachroof. The bright and airy saloon with U-shaped settee and large saloon table on starboard can accommodate the crew onboard whilst saloon's portside offers a settee with an optional entertainment area, practical chart table and wet locker along with spacious second head compartment provides a relaxing feeling.

The modern look is ensured by horizontally grained Anigre wood with Wenge type laminated floorboards. A classic teak interior is available as an option.



ALWAYS AN ALLURING
PANORAMA, EVERYWHERE
YOU LOOK. FROM THE
INSIDE OUT OR THE
OUTSIDE IN.



MULTIMEDIA AREA
The starboard settee with an optional multimedia area.



NAV STATION
Stowage for paper charts and ample space for navigation at the navstation, complete with all instruments.

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THE COMFORT OF HOME
AWAY FROM HOME.

The traditional 3-cabin layout offers a luxurious owner's fore cabin with a large island double berth and generous head compartment with separate shower stall. Identical aft cabins offer lots of storage and optimum ventilation. For larger crew a 4-cabin layout is also available. Additional bunk bed cabin on starboard can accommodate 2 more crew members.



AFT CABINS
The wide hull allows for spacious aft cabins.

HOME IS A FEELING, NOT A
PLACE. IT'S COMFORTING,
WHEN YOU CAN FEEL IT
ANYWHERE YOU GO.



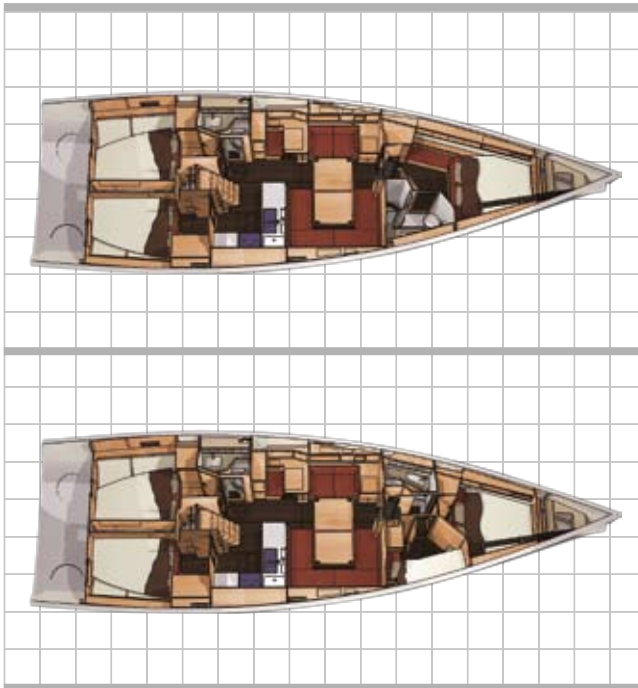
STORAGE SOLUTIONS
Ample storage solutions for comfortable life on board.



HEAD COMPARTMENT
Both layouts feature two generous head compartment with shower stalls.

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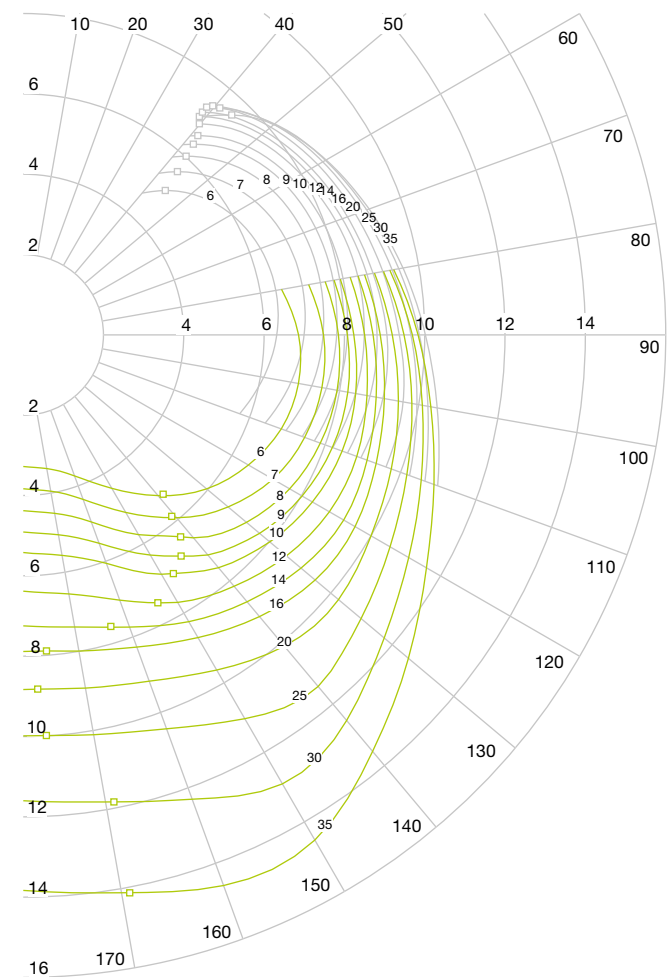
TECHNICAL CHARACTERISTICS



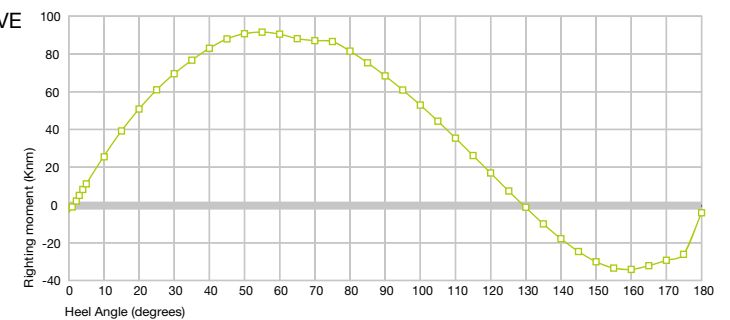
LENGTH OVERALL	13,60 m
HULL LENGTH	13,60 m
LENGTH AT WATERLINE	12,52 m
BEAM	4.36 m
DRAFT (shallow / standard / racing)	2,05 / 2,25 m / 2,60 m
DISPLACEMENT	11300 kg
BALLAST	3829 / 3445 kg
WATER CAPACITY	440 l
FUEL CAPACITY	203 l
ENGINE	55 / 75 HP
MAINSAIL	60,70 m ²
GENOA	45,50 m ²
GENNAKER	205 m ²
I	17,72 m
J	4,90 m
P	17,43 m
E	5,87 m
BOAT DESIGN CATEGORY CE	A
DESIGN	Humphreys Yacht Design & Elan Design Team

PERFORMANCE CHARACTERISTICS


POLAR DIAGRAM



STABILITY CURVE







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All measurements, images and illustrations are approximate and provided for information only. Elan d.o.o. reserves the right to modify or improve specifications without prior notice.

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Design: GIGODESIGN