



**X6**

A new story

# The ultimate dream yacht



X-Yachts was founded in 1979 and has built over 5000 yachts. Over the last 35 years the company has been synonymous with high performance yachting, winning nine official World Championship titles, and delivering almost 1000 ISAF recognized one-design class yachts.

Race victories in prestigious regattas like the Admiral's Cup, Sardinia Cup, SORC, Rolex Giraglia Race and Rolex Middle Sea Race all show testament to the X-Yachts heritage of building world class performance yachts.

Since 1990 X-Yachts has increasingly focussed on making offshore performance

orientated cruising yachts over 50ft. More than 200 X-Yachts between 50 and 73ft are sailing around the world, many of them making circumnavigation voyages.

The X6 steps into the future of modern performance cruising. Designed for the discerning sailor who dreams of luxury blue water and coastal cruising without compromise. Utilising advanced, proven technology and build techniques and incorporating well proven technology, the X6 will enable her owners and crew to enjoy the exploration of new uncharted horizons.

This brochure is based on advanced 3D design technology and showcases just some of the offerings and possibilities.

“More than 200 X-Yachts between 50 and 73ft are sailing around the world, many of them making circumnavigation voyages”

“Architecture should speak of time and place, but yearn for timelessness”

Frank Gehry



# Designer's comments

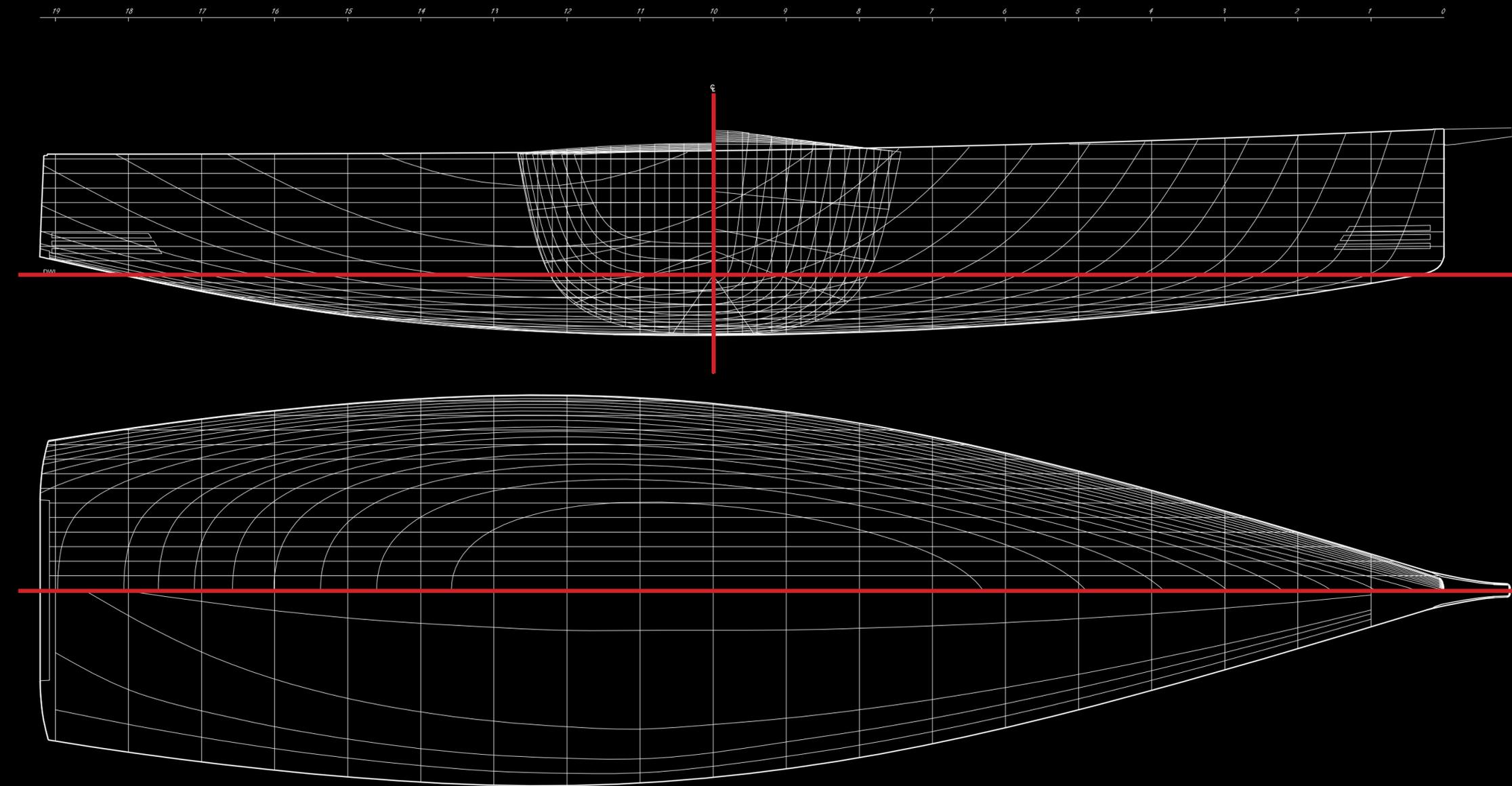
## The story behind the X6 hull lines

The X6's hull is designed to meet the demands from sailors, who want to enjoy sailing in a wide range of conditions.

Apposite to the mainstream trends of yachts with a very modern appearance, X6 is meant to be enjoyable and easily controllable in more than just 'reaching' conditions. The upwind performance and sea keeping has been given a lot of attention whilst choosing design parameters and various aspect ratios.

Achieving comfort when sailing to windward in a rough sea was an essential prerequisite in the X6 hull design. Deep V sections, modest displacement, generous stability, and a powerful yet easy to handle sail plan offer smooth sailing through the waves. This combined with the thoroughbred X-Yachts racing heritage delivers a new generation of world class cruising.

The X6 construction combines advanced materials in a sensitive way by using vacuum epoxy infused fibres in a



sandwich construction. Local carbon fibre reinforcement gives the hull the rigidity required to put the rig in tension with very little deformation.

Using a combination of Eglass and carbon skins instead of a full carbon construction delivers local strength and general resistance to impact. Comfortable stability has been achieved with a

high ballast ratio instead of an extreme hull shape. Wetted surface area and friction drag is minimised, which is essential for light wind performance.





Above: The fixed windscreen with integrated sprayhood offers additional cockpit protection.

Above: Banks of solar panels lie recessed inconspicuously beside the coachroof skylights.



Above: When stowed, the sprayhood is neatly concealed in a recess in the coachroof.

Above: A carbon-fibre-reinforced mainsail arch allows the integration of cockpit bimini, speakers and down lights. The arch also improves the cockpit safety by handling the mainsheet away from the cockpit.

Above: An additional sunbathing area is created with recessed coachroof top cushions.



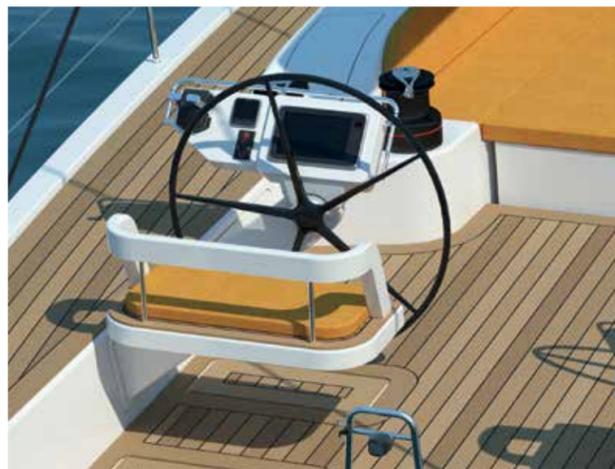
The carbon fibre bow sprit for the asymmetrical spinnaker neatly conceals the anchor arm for easy deployment.

A deck recessed self tacking track can be used with the inner forestay's jib or the larger 96% head stay genoa.

The optional halyard winches can either be mounted on the deck by the mast or on the mast itself.

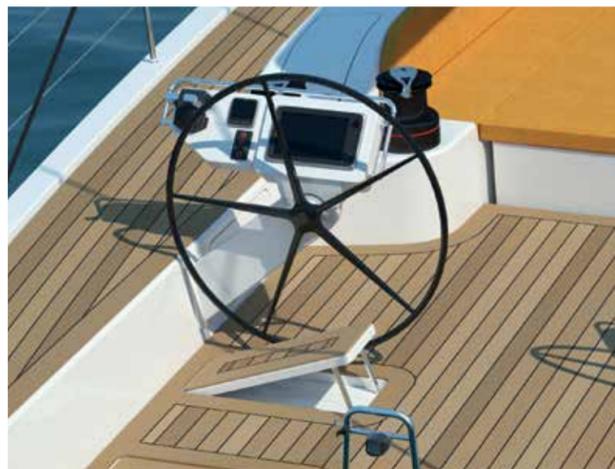
The headsails can be easily controlled with an electrical Reckmann headstay furler and an electrical Reckmann Code 0 furler.

The optional retractable capstan winch can be deployed to handle mooring lines when needed.

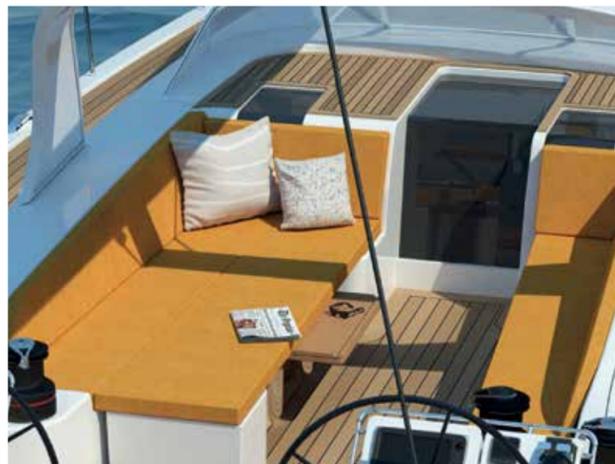


Above: Optional helmsman seats neatly attach to the cockpit side keeping the cockpit floor uncluttered.

Above: The twin wheel pedestal consoles can accommodate a wide variety of navigation and control instruments.



Above: Adjustable recessed foot chocks also add comfort whilst under sail.



Above: The cockpit area can be transformed into a large sunbathing platform.



Above: The large cockpit dining table can be reduced to a coffee table.



The stern garage accommodates a variety of jet ribs and tenders up to 3.25m.

The transom door is operated by hydraulic rams and integrates tender rollers, swimming ladders, and cockpit steps.

An electrical passerelle neatly retracts into the transom.



The companionway is off centre enabling a comfortable cockpit U-shaped sofa.

Short handed sailing is easily controlled by 4 electrical self-tailing winches for sheets, halyards and reef lines, all positioned within reach of the helmsman's position.

Aft pushpits with built-in seats.



# Timeless style

Danish design and architecture is famous for its clean and timeless style. The X6 interior is designed to work at open sea as well as moored.

Enjoy the bright and spacious accommodation, with the plentiful storage space needed for a 'live on board' life.

# Interior layouts

To personalise the X6 a wide variety of interior surface finishes, materials and colours are offered.



## A1-B1

*A1: Owner's central berth, en-suite head and dedicated shower room to port.*

*B1: Extra large galley.*



## A2-B2

*A2: Owner's berth to port, en-suite head and dedicated shower compartment forward.*

*B2: Workshop cabin to Port side.*



## A3-B3

*A3: Owner's central berth, twin cabin to port and shared head to starboard.*

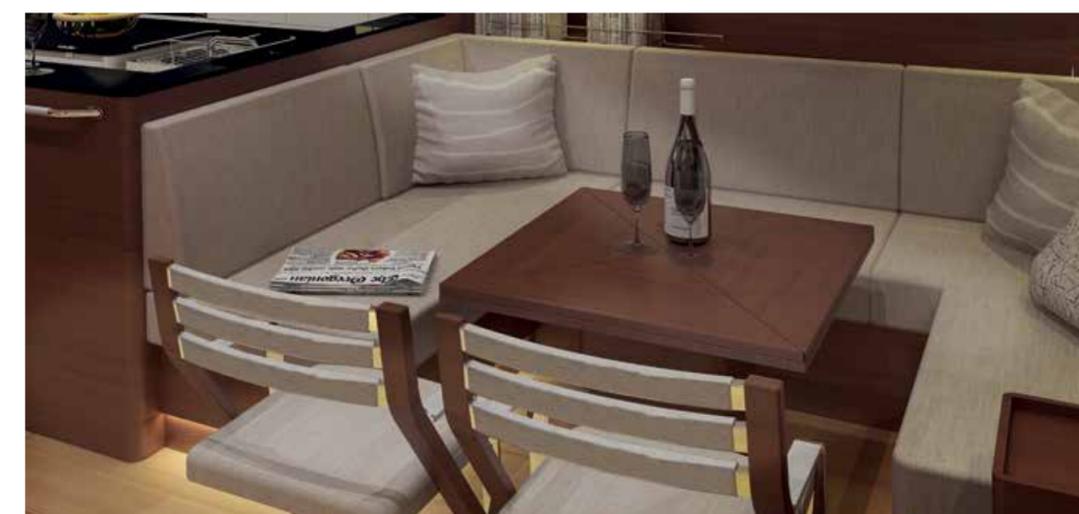
*B3: Additional aft head to Port side.*



# Saloon

The spacious saloon is flooded with light from the huge panoramic deck saloon windows, as well as the hull portlights and ambient led lighting throughout the accommodation.

An uncluttered feel has been achieved with clever storage solutions for the plentiful gear needed for live aboard life.



*Right: The saloon table transforms between a coffee table and a larger dining table.*



# Nav station

The dedicated forward facing navigation station is the X6's communication centre with ample room for literature and navigational instruments, as well as being the main hub for the yacht's electrical systems and instruments.



*Right: Forward of the nav station is the long starboard saloon sofa, with book storage and upper cabinets that can accommodate a lifting 32" flat screen TV.*



*Left: An integrated self-draining drying rack is fitted beside the sink.*

# Galley

The X6 galley is designed around the 'Gastronorm Catering System' which transforms the space into a more functional and significantly safer place to prepare and cook food whilst at sea.

The 5 jet burner and oven, microwave, front opening fridges, top loading freezer, under floor food storage, sink, drawers and cupboard system have all been designed with ergonomics in mind.



# Owner's cabin

This rendering illustrates the A1 version with central berth and head to port side. The beauty table, under berth drawers, extra large wardrobe and full length lower cupboards offer enormous amounts of storage in a clean, practical and uncluttered way.

There is dedicated space for a 32" TV to be integrated in the shelf system. Inside the luxurious heads are electrical flushing toilets and dedicated shower rooms in all layout options.

*Right: Large drawers under the double berth offer plentiful storage.*

*Door leads into the spacious en-suite.*



“Design must be functional,  
and functionality must be  
translated into aesthetics”

Adapted from F.A. Porsche

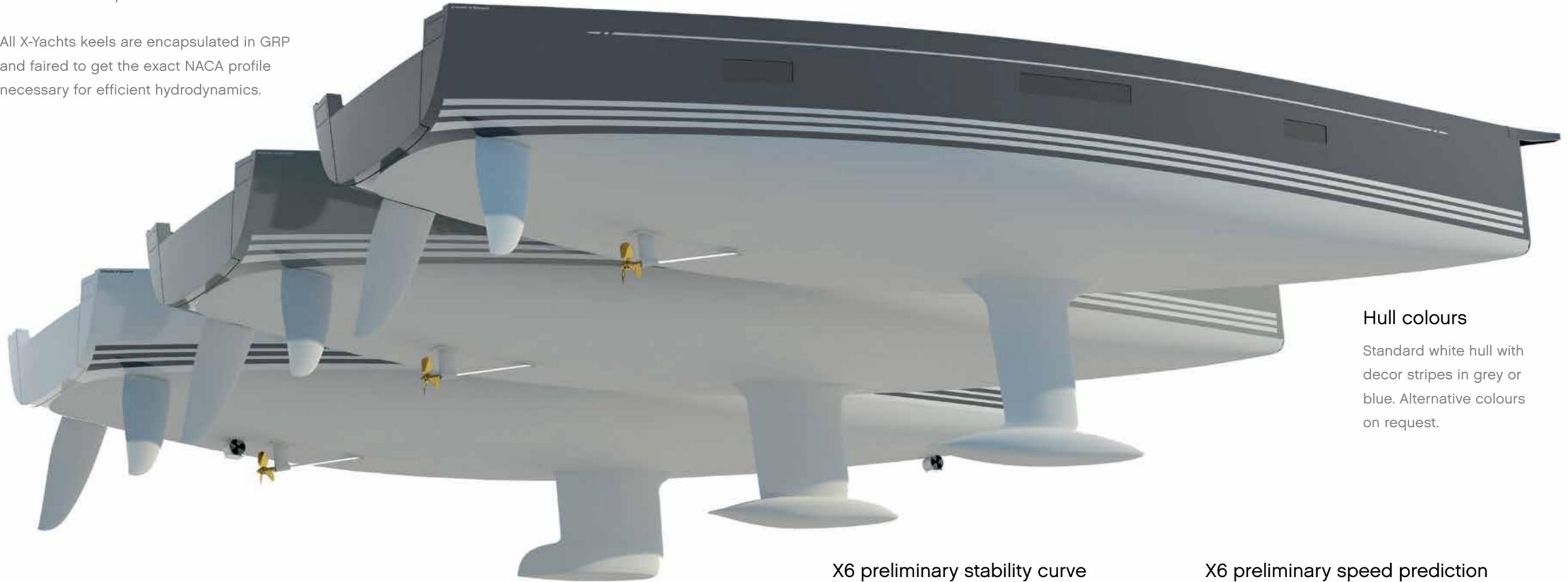


# Foil options

The X6 is proposed with three keel versions:

- 2.6 m draft composite lead/cast iron L Keel
- 3.0 m draft composite lead/cast iron T Keel
- 3.4 m draft composite lead/cast iron T Keel

All X-Yachts keels are encapsulated in GRP and faired to get the exact NACA profile necessary for efficient hydrodynamics.



## Hull colours

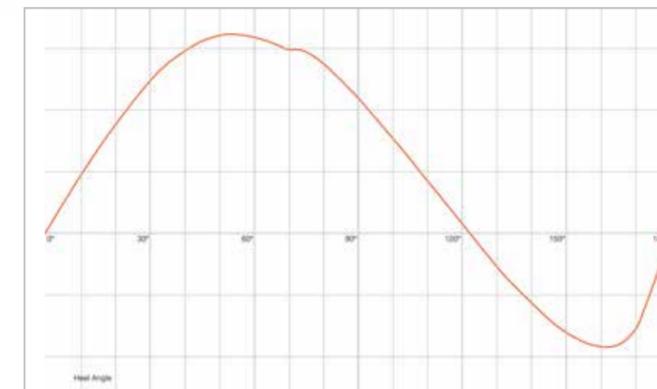
Standard white hull with decor stripes in grey or blue. Alternative colours on request.

Twin rudder blades allow for maximum control whilst heeled and enable a spacious RIB tender stern garage.

The X6 comes with a retractable bow thruster and is offered with a retractable stern thruster.

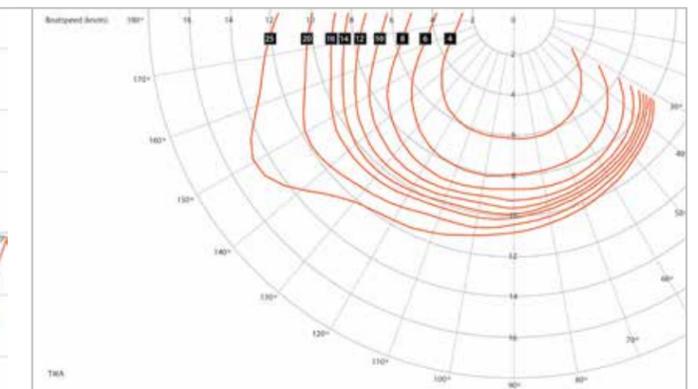
3-blade 26" folding propeller driven by 160 HP gives the X6 a comfortable motoring speed in excess of 9 knots.

## X6 preliminary stability curve

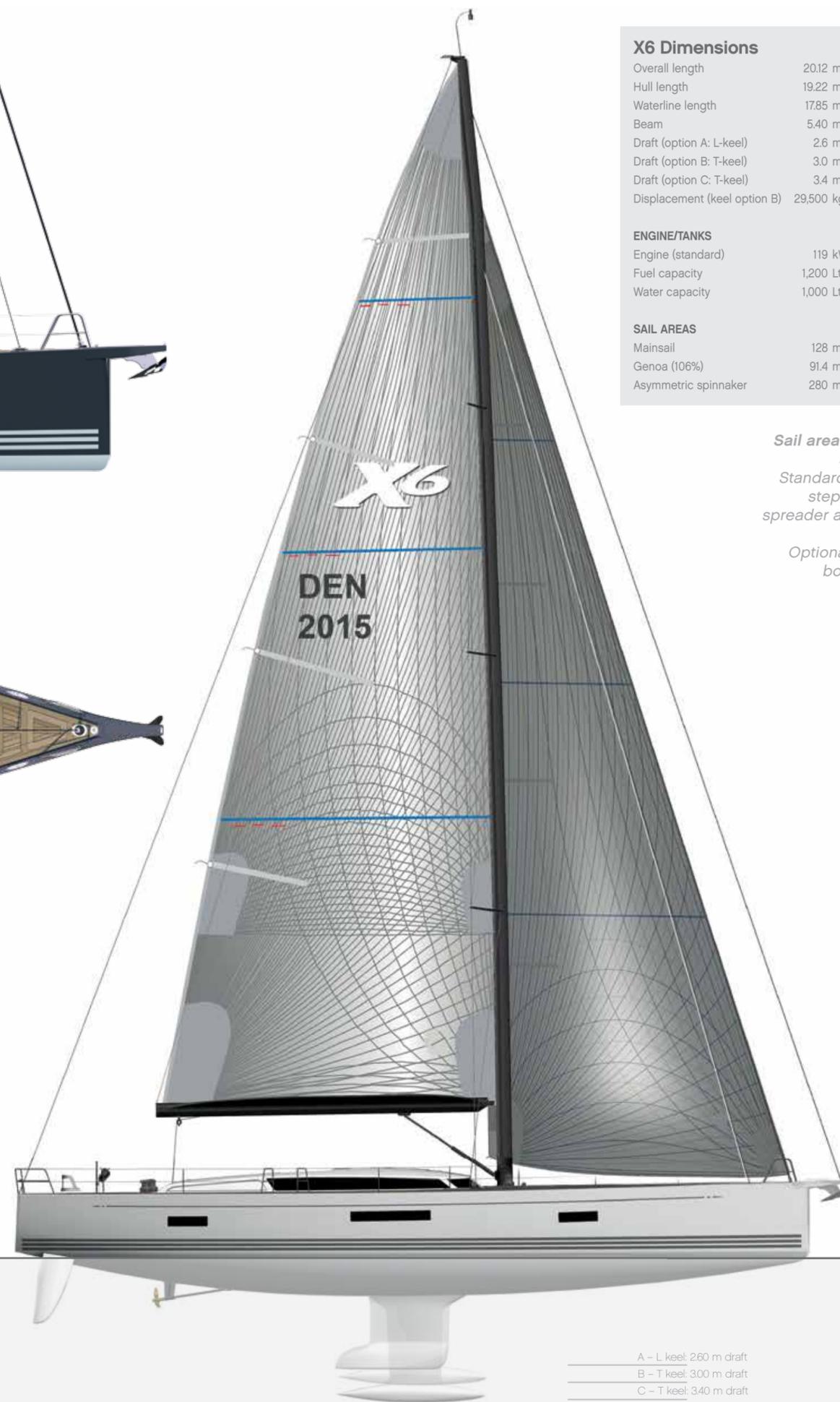


The X6 stability surpasses the ISO minimum requirement by a large margin.

## X6 preliminary speed prediction



Preliminary polar plot demonstrates very promising all around performances.



**X6 Dimensions**

Overall length	20.12 m	66 ft
Hull length	19.22 m	63.1 ft
Waterline length	17.85 m	58.6 ft
Beam	5.40 m	17.8 ft
Draft (option A: L-keel)	2.6 m	8.5 ft
Draft (option B: T-keel)	3.0 m	9.8 ft
Draft (option C: T-keel)	3.4 m	11.2 ft
Displacement (keel option B)	29,500 kg	65,030 lbs

**ENGINE/TANKS**

Engine (standard)	119 kW	160 HP
Fuel capacity	1,200 Ltr	317 (US) gal
Water capacity	1,000 Ltr	264 (US) gal

**SAIL AREAS**

Mainsail	128 m <sup>2</sup>	1,378 ft <sup>2</sup>
Genoa (106%)	91.4 m <sup>2</sup>	983.8 ft <sup>2</sup>
Asymmetric spinnaker	280 m <sup>2</sup>	3,014 ft <sup>2</sup>

*Sail areas are based on standard mast: Standard mast is a keel stepped, tapered, 3 spreader aluminium mast.*

*Optional carbon mast/boom on request.*

*The standard deck layout enables halyards/control lines to be operated from the cockpit via 4 electrical self-tailing winches.*

*Self tacking jib track and longitudinal genoa tracks.*

*The social forward cockpit area is remote from the aft sail handling cockpit area.*

*The two helmsman seats and the main sail 'arch' are two of the offered options illustrated above.*

This brochure is not contractual. All descriptions, illustrations etc. are indicative. X-YACHTS AIS reserves the right to modify or improve the specification without prior notice. January 2014

A - L keel: 2.60 m draft  
 B - T keel: 3.00 m draft  
 C - T keel: 3.40 m draft



***X-Yachts***<sup>®</sup>  
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