



2018 Edition

A TRADITION OF INNOVATION

Growing up on the Danish coast, brothers Lars and Niels Jeppesen were keen sailors, and inspired to enter the yachting industry by the local boatyard, Nimbus - at that time world leaders in sandwich construction. When X-Yachts was founded in 1979 by the Jeppesen brothers, together with their friend Birger Hansen, sandwich construction was their natural choice, as it offers the lightest construction allowing as high a proportion of the yacht's total weight as possible to be placed in the keel - a key principle to creating a stable and enjoyable sailing yacht which is still at the core of their designs to day.

Early X-Yachts production cruiser-racers won many prestigious championships in the early 1980s. An X-102 won the Three-Quarter Ton Cup World Championship in 1981 and 1982, whilst a sport version of the same hull, the X-3/4 Ton, won the Three-Quarter Ton Worlds in 1985, 1987 and 1988, and the X-1 Ton triumphed at the official One Ton Cup in 1986. X-Yachts had rapidly become highly respected on the international racing scene and has dominated the racing scene since then.



THE XP DIFFERENCE

The Xp 55 is built using technologically advanced materials and cuttingedge techniques

weight ratio are key to creating yachts structure. This in turn improves the overall which offer superlative sailing pleasure and performance. X-Yachts is the biggest maximises long-term durability by greatly production builder of high-tech yachts, using a vacuum infusion process.

Every gram of weight saved in the Xp 55's hull and deck allows a greater amount of ballast to be added to the T-bulb keel for improved stability, which is particularly important when sailing short-handed. It also enables the yacht to carry a higher aspect rig for greater power and faster performance. Stiffness ensures that power is translated into controllable speed, with responsive steering, and excellent sea-going capabilities. Meanwhile the renowned strength of X-Yachts gives complete confidence in the event of a collision or grounding.

FPOXY

The latest generation of Xp cruiserracers are built using epoxy infusion with and creates a completely sealed core to carbon reinforcement in both the hull prevent water ingress. and keel structure. X-Yachts use epoxy to manufacture our Xp models as post-cured - or 'oven-baked' - epoxy resin systems

have higher mechanical and thermal stability than traditional polyesters.

The post-curing process also increases the adhesion of the resin matrix to the Strength, stiffness and a high ballast to carbon reinforcement grid within the hull laminate stiffness and strength, and reducing micro cracking.

VACUUM INFUSION

Xperformance yachts are built using a vacuum infusion process that allows for very precise control of overall weight and material ratios compared to hand layup processes. All the laminate materials (glass or carbon fibre, resin and foam core) are positioned in the mould before pressure is applied, rather than layer-bylayer in wet lay-up methods. Only then is the resin drawn through the fibre layers, resulting in less resin being required, so saving weight, and improved consistency in the ratio of glassfibre to resin across the hull shape.

It also allows for greater directional control of tapes and fibres for improved stiffness,

THE MAKING OF AN XP 55

The Xperformance range has seen X-Yachts raise the bar for cruiser-racer design and construction

Every element of an X-Yacht bears the renowned safety credentials, intelligent hallmark of quality. Each detail of our yachts design, and elegant craftsmanship. is designed in-house to give the sailor a The Xp range includes our most cuttingtruly superior sailing experience, and we edge technological advances, many of are proud that every boat to leave our which are concealed beneath the surface yard in Haderslev, Denmark, carries with of these beautiful yachts. This brochure it a reputation built on nearly 4 decades unveils some of the secrets of X-Yachts' of high manufacturing standards, world-superior performance.

VACUUM INFUSION CONSTRUCTION

Xperformance yachts are built using the latest construction technologies, with a vacuum-infused epoxy and locally carbon-reinforced hull.

WATERTIGHT BULKHEADS

Watertight bulkheads separate the anchor compartment, sail locker and interior accommodation for safety and reassurance in the event of a collision.

ANCHOR LOCKER

The anchor locker is a watertight GRP compartment, which is also an integral part of the yacht's internal structure.

COMPOSITE CHAINPLATES

STRUCTURAL WARDROBES

The structural wardrobes in the aft cabin are

designed as part of the Xp 55's internal building

blocks, saving weight on duplicated structures

and enabling the Xp 55 hull to be superbly light.

Reinforcement in the rig attachment area utilises a combination of uni-directional and multi-axial fibres to effectively transmit the loads into the hull shell. Thanks to the non-overlapping sail plan the chainplates are moved to the shearline, giving a wider shroud base and allowing the vertical loads to be absorbed by the hull in the same plane as the reinforced topsides, removing the need for tie rods and eliminating flex in the side decks.

CARBON KEEL STRUCTURE

At the heart of every X-Yacht is the keel grillage structure. X-Yachts pioneered the galvanised keel hull girder back in 1981, which offers superb reassurance and safety as it enables hulls to withstand extreme shock loads from grounding at near maximum hull speed. In the Xp models carbon fibre replaces the previous steel. Carbon tapes are incorporated throughout the keel floors, an integral part of the Xp 55 hull liner, for improved rigidity and resilience with reduced weight. The hull liner is in turn bonded securely to the hull surface.

TRANSOM DOOR

transom door, which opens to create a bathing platform and allow access to the tender storage area with room for a 3.2m inflatable dinghy, supported by the hull's integrated structural

The Xp 55 features a folding

HULL FORM

The lines of each Xp model are designed using Velocity Prediction Programs for superb performance and handling, together with the characteristic X-Yachts elegance.

T-BULB KEFL HULL SHELL & LINER

The weight saved throughout the construction of the Xp 55 hull is put back into the deep lead T-bulb keel, enabling the Xp 55 to carry a larger sail plan than is standard for its class, for sparkling performance and excellent seahandling capabilities.

To reduce weight without compromising strength and stiffness, carbon and

epoxy were introduced into both the hull and hull liner of the Xp 55, with intelligently spaced internal 'frames' and 'stringers'. The liner is glued and bonded to the hull before the hull leaves the mould for precision.

X-YACHTS I XP 55

THE SAILING EXPERIENCE

Stability is a key principle behind the Xp 55's design and build, resulting in dynamic sailing performance

configurations. However, many of the very control systems. same factors which make the Xp models race winners, also ensure that they are HULL SHAPE enjoyable fast cruisers.

BALLAST RATIO

During the Xperformance design process Xp range are a reduced upright beam Velocity Prediction Programs were utilised waterline and wetted surface area, whilst to optimise each yacht's hull shape, the power of the hull shape increases as This confirmed to the design team that the boat heels. The Xp 55 transom shape it was key to slightly reduce the overall is designed to increase in waterline length displacement - whilst actually increasing as the windspeed builds and the boat the power. This was achieved by creating powers up, thus further extending the top a heavier keel bulb yet keeping the overall speed. design light by use of advanced build techniques and high-tech materials.

The high ballast to weight ratio gives great immersed and so the boat trims correctly stability and ensures the Xp 55 is equally fore and aft. An additional benefit is that well-mannered whether carrying a racing the increased forward flare in the topsides sailplan and full complement of crew on makes the Xp 55 an easier boat to drive the rail, or flying a cruising chute as it at full power downwind - whether racing eats up the miles for a husband and wife or cruising. The above factors combine bluewater cruise. Every Xp model was also to make the Xp range faster, safer, and designed from the very outset to carry hugely enjoyable to sail: truly performance both standard and high aspect rig and without compromise.

X-Yachts are designed by sailors, for sailors. keel packages. This maintains a balance Every X-Yacht is designed to perform of power and ease of handling, further superbly in all conditions and in all sail aided by the Xp 55's carefully planned sail

Hull design is another factor that influences a yacht's power, stability and responsiveness. Key features of the

Careful buoyancy distribution also ensures that the powerful, wider aft sections are



FOILS

The keel and rudder of the Xp 55 are precision engineered for performance, responsiveness and durability

For a truly enjoyable sailing experience a yacht should be responsive and reward the helmsman's expertise, yet sail smoothly 'in the groove'. X-Yachts were able to draw on over 30 years of designing performance hulls when they created the Xp range, offers both sparkling performance and reassuring ease of handling.



THE POWERHOUSE

The rig, sail plan and deck layout are designed to harness the Xp 55's easily controllable power

The Xp 55 comes with two rig choices, a standard alloy mast or an optional carbon mast and boom. Both are designed in close co-operation with leading rig development companies and sailmakers, for strength, low-windage and exceptional control.

PRECISION TRIM

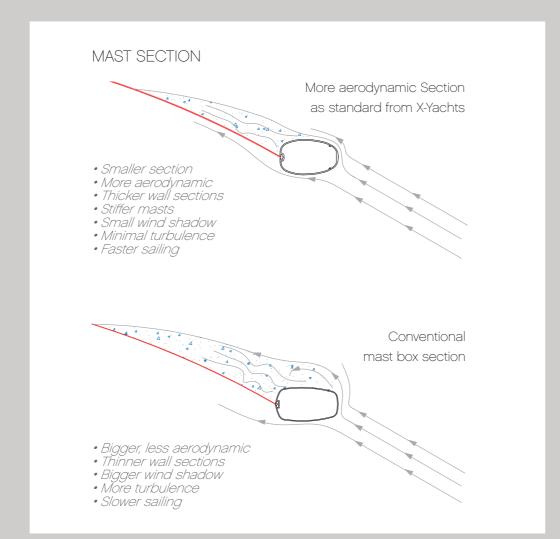
In order to enjoy perfect sail trim, X-Yachts masts and rigging are designed so they can be easily and precisely adjusted, and with sufficient stiffness to maintain that shape for repeatable, fast sail settings. A rig with too much flex and stretch will 'pump', particularly when sailing upwind in waves, which means both the headsail and main will change shapes and lose optimum trim.

The Xp 55 carries a three-spreader rig with hydraulic backstay for efficient and reliable tuning. To minimise forestay 'sag' for optimum upwind performance, it is essential to be able to tighten and precisely tune the backstay (and thereby the forestay).

CARBON RIG OPTION

Every pound saved aloft is equivalent to nearly double that on deck - so taking weight out of the rig effectively gains you invisible extra crew, hiking hard on the rail to improve performance.

The Xp 55 is offered with a carbon mast and boom package which significantly reduces the weight of the overall rig for improved performance. It is also stiffer and more responsive, improving precision of trim and control, especially when racing. The integration of rig design programs with sailmakers' design software means that the mast bend can be accurately plotted for mainsail luff curves, and owners can benefit from detailed rig tuning information from the outset.



Minimising weight carried aloft is key for By contrast X-Yachts have a more precisely loss of speed.

performance and handling. Some yacht designed mast section which is smaller builders try to achieve this by reducing and more aerodynamic, resulting in less the thickness of the mast walls. However, wind shadow and minimal turbulence for this results in a squarer, less aerodynamic, improved sail trim. This also allows for a and larger section, which creates a larger thicker wall section, which in turn gives the wind shadow, more disturbed air flow, and mast increased stiffness and resilience to lateral forces or impact – for example when carrying a symmetrical spinnaker pole.

SAIL PLAN

The Xp 55 greatly benefits from the fact The Xp 55 deck layout has been designed versions from the outset.

The rigs and sailplans were developed in (with furling line led back to one of the four close association with leading suppliers cockpit winches). The longitudinal genoa including Southern Spars, Hall Spars, tracks are supplied with adjustable genoa North Sails and Elvstrøm Sails to configure cars. All halyards and control lines are optimum aspect ratios for maximum concealed below deck and led aft to the performance without extreme sail or rig four large self-tailing winches supplied as proportions which would be hard to trim standard. and control.

of standard keel and carbon mast was sheeting angles. particularly efficient for racing in light air regions and under the ORC rule, so effectively three rig plans were designed simultaneously.

The Xp 55 carries multiple halyard options to give every owner choices whether cruising in safety, optimising their sail wardrobe for IRC/ORC racing, or configuring their yacht for both inshore and offshore sailing. It may also carry an inner forestay for additional flexibility to set furling 'Solent' staysails or storm sails.

SAIL HANDLING

that all Xp models were designed with two for ease of sail handling and manoeuvres whether cruising or racing. Standard features include a below deck furling drum

The mainsheet is attached to a single As the sail plan was conceived, club racing pad-eye at the cockpit floor and lead aft and cruising oriented statistics could via the mast/halyard channels below deck, be used to perfect the standard version, where it may be easily handled using the while the deeper draft keel and carbon cockpit winches. For racing purposes, a mast option was optimised for racing windward tweaker block system can be performance. The development process deployed for both genoa sheets as well also showed that a third configuration as the mainsheet to enable very narrow





Other benefits of BSI rod rigging include exceptionally high

over the sails.

resistance to corrosion. The use of a discontinuous system, together with high quality spreader tip cup fittings from ability upwind.

STANDING RIGGING DIFFERENCES	% INCREASES		
	WEIGHT	SURFACE AREA / WIND RESISTANCE	
Rod Rigging Dyform 7 x 19 Wire	0% 5% 21%	0% 13% 36%	

Comparative weight and surface area of rigging materials (Source: Navtec)

Directly above: BSI's tip cups and rigging undergo extensive Finite Element Analysis Above: The coaming-mounted winches are optional for use whilst racing and handling a symmetrical spinnaker

The Xp 55 is fitted with discontinuous rod rigging as standard, a

DISCONTINUOUS ROD RIGGING

feature not offered as an

option on many yachts

of similar size. Rod

rigging is lighter than

either Dyform or wire

rigging (see table below).

It also has less surface

area (see profiles above)

so generates less wind

resistance. Furthermore,

in order to achieve

the same breaking

strength as equivalent

rod rigging, thicker wire

rigging is required. That

additional thickness,

combined with the rough

surface of wire, results

in a greatly increased

overall surface area with

significant added drag

and disturbed air flow

Rod rigging



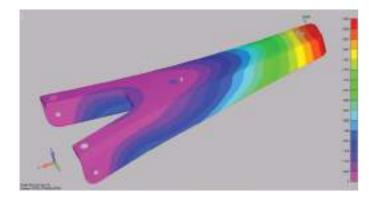


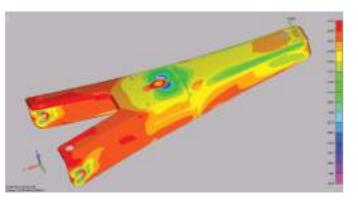
BSI, enables precise adjustment of the rig shape and reduced stretch, so improving pointing



INNOVATIVE BOWSPRIT

The Xp models were conceived as true dual-purpose yachts. The guiding principle is that the Xp 55 should be highly competitive when sailed with a full crew and also easily handled by a couple or family. It should be optimised for racing under major handicap rating systems, but equally suited to a relaxed weekend cruise or a longer bluewater passage.









Standard GRP cowl with integrated anchor fitting



Optional clear-coat carbon bowsprit (here shown without anchor fitting)



Optional white painted carbon bowsprit (here shown with anchor fitting)



Optional GRP cowl for rating efficiency

ON DECK

Every detail of the Xp 55 deck layout has been carefully considered for perfect ergonomics and style

layout, which balances clean lines and and ensure aesthetically pleasing lines. minimalist style, with usability, safety and security. Attractive teak decking is fitted HATCHES AND WINDOWS as standard, with the option to extend the The Xp 55 deck hatches, portlights teak to include side decks and coach and windows are carefully selected for roof. The stylish finish is complemented by a flush fitting. Advanced design hinge concealed passages for halyards, sheets mechanisms on the opening coachroof and trim lines, together with flush fittings windows ensure there are no fittings or and details such as the folding Nomen bolts visible from the outside, yet allowing mooring cleats.

Ergonomics for both cruising and racing have been carefully considered, with the centre console functioning as a handy foot chock for crew sitting on the cockpit benches, whilst the width of the bulwark varies along the length of the yacht to Form meets function with the Xp 55 deck improve the comfort of a 'hiking' race crew

ventilation and increased light down below.





CONTROL

The Xp 55 offers a choice of five pedestal options to customise the twin composite wheels and ensure every skipper has their preferred information at their fingertips. In addition, displays can also be mounted on the mast bracket and/or the companionway instrument housing for ease of viewing by all members of crew.



Standard flush top





Large instrument mount with grab-rail



Extra large instrument mount with dual elec. throttle



COCKPIT FURNITURE

The inventive optional cockpit table folds neatly away into its own recess in the cockpit sole, enabling a swift change from functional sailing area to stylish entertaining zone. Additionally, there is a designated recess for the sprayhood framework and canvas, a specially designed 'garage' for the washboard, and a built-in halyard bin for rope tails for a clutter-free, safe and smart cockpit and coachroof area that is a pleasure to sail or relax in.

MULTI-FUNCTION TRANSOM

The electically operated folding transom creates a secure stern area when underway or can be deployed to form a teak-topped bathing platform with transom-hung stainless steel swim ladder.

The transom 'garage' offers a roomy storage area which can accommodate most tender dinghies up to 3.0-3.2 m in length with ease. Liferaft storage is integrated into the cockpit sole while there is ample additional storage easily accessible in the cockpit lockers.

Adjustable foot-chocks ensure the helmsman may enjoy a perfect steering position, with a sense of security as well as a clear view forward during manoeuvres and close sailing situations.



Adjustable folding foot chocks



Cockpit table in place



Ample cockpit storage bins with locking lids

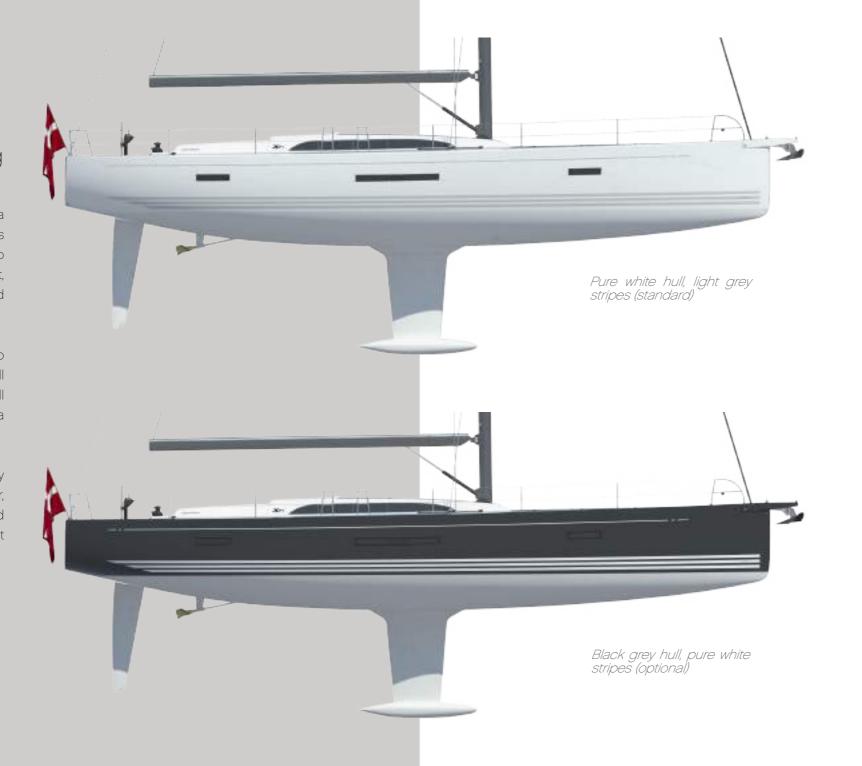
HULL COLOURWAYS

The Xp 55 may be personalised with a choice of hull and accent colours, and co-ordinating exterior accessories

It is a proud moment to take delivery of a yacht that bears the three famous stripes of an X-Yacht. Xp 55 owners can also personalise the appearance of their yacht, with a choice of colours for the hull, striped trim, and canvas accessories.

The Xp 55 is supplied as standard in crisp white with trademark X-Yachts blue hull stripes. Other options include a white hull with contemporary light grey stripes, or a light grey hull with white stripes.

Additionally, the high quality canvas spray hood, bimini, cockpit tent, boom cover, cockpit table cover, wheel covers and forestay cover are also offered in both light or dark grey, and dark blue colourways.





Pure white hull, light grey stripes (standard)



Light grey hull, pure white stripes (optional)



Markilux Captain's blue (Swela 37395)



Pure white hull, black grey stripes (optional)



Black grey hull, pure white stripes (optional)



Markilux silver grey (Swela 37362)



Pure white hull, dark blue stripes (optional)



Dark blue hull, pure white stripes (optional)



Markilux dark grey (Swela 37365)



INTERIOR LAYOUT OPTIONS





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INTERIOR LUXURY

Timeless style, luxurious comfort and superb functionality define the Xp 55

The elegant Xp 55 interior is crafted from carefully selected marine Nordic oak, varnished to a luxurious soft satin finish, and incorporates high quality materials and furniture fittings throughout.

To port the saloon features a large U-shaped sofa with ample seating for up to eight people, a table with central bottle storage, an upholstered central seat, and a long, comfortable sofa to starboard.

The freeboard on both port and starboard accommodates deep shelves with custom-designed stainless steel book brackets, and hull portlights. Spacious storage cupboards are fitted adjoining the moulded deck liner, while finishing interior touches include Ocean Air blinds and screens.

An optional electrical elevation system for a 32-inch flatscreen television can be integrated into the starboard shelving (see photos on page 44).





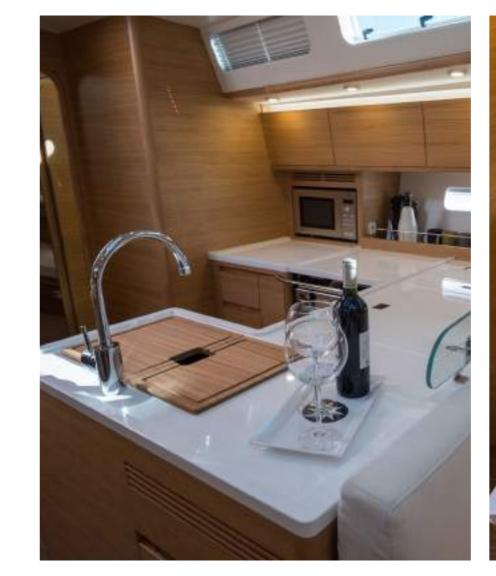


A DREAM KITCHEN

The Xp 55 features a very large and functional galley, designed to work perfectly 'under way'. The standard layout for the Xp 55 creates a luxuriously spacious kitchen area (as shown), whilst the optional three-heads design still allows for a generous and elegant galley, creating a luxuriously spacious kitchen area.

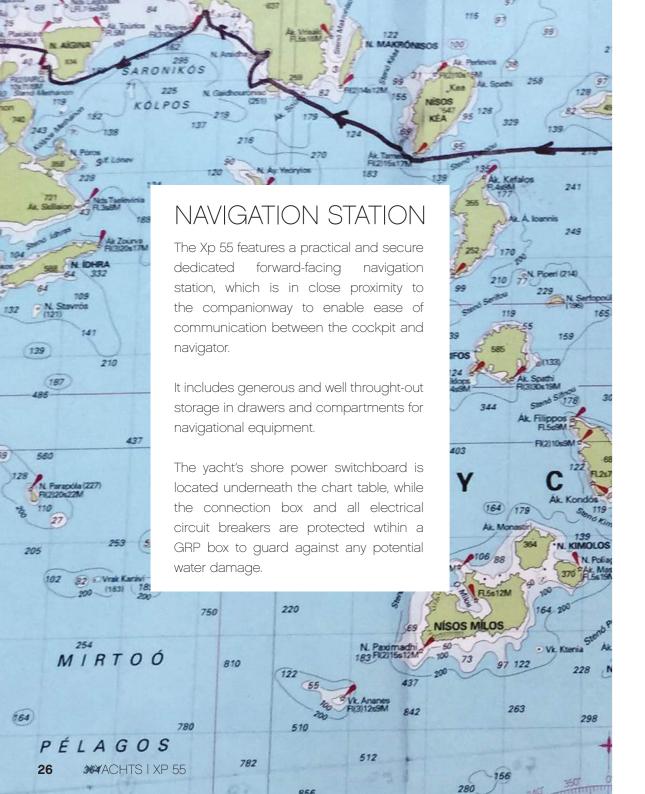
With both layout options the Xp 55 galley is superbly well equipped, with a triple-jet gas oven, microwave, top loading fridge/freezer, front-loading fridge, and ample waste storage, as well as space for appliances such as an optional dishwasher and Nespresso coffee machine.

High quality materials include Corian worktops, stainless steel railings and toughened glass splashboards. Meanwhile natural light from the freeboard port light, together with plentiful shelves and cupboards, makes cooking a joy (for alternative colour options see page 50).





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OWNERS CABIN

double berth with heads to port and (page 38). storage incorporating upholstered top for additional seating.

CABIN OPTIONS

double berths and generous double saloon ceiling and side decks. wardrobes with both hanging and shelf storage. The aft cabins feature a large Finishing touches include adaptable be replaced by an optional pipecot.

airy ensuite heads (two with dedicated for additional ambient lighting.

The Xp 55 includes an exceptionally shower compartments). The photos in this roomy owners' cabin forward with ample brochure show the standard layout (see wardrobe storage. The owners' cabin is page 36), which creates a more spacious offered with two layouts (see pages 36- galley and port aft cabin and allows for 39), of either a forward ensuite heads, two heads, each with an adjacent shower large double berth to port and additional compartment. An optional three ensuite sofa to starboard; or alternatively a central heads arrangement is also available

STYLE AND FUNCTION

The Xp 55 is fitted as standard with removable lightweight soft panels covering The symmetrical aft cabins each include the freeboards throughout, as well as the

freeboard shelf as standard, which may 'snake'-style LED reading lights, fitted as standard for stylish task lighting in the saloon, whilst owners may also choose Owners may also choose from two or three LED strips beneath the saloon cupboards





X-YACHTS I XP 55 X-YACHTS | XP 55

HAND-CRAFTED FINISH

X-Yachts retain complete control over all fittings, ensuring superb quality in even the finest details

Attention to detail is key to the superb high quality finish of every X-Yacht. From the cabin wardrobes which double as structural bulkheads, to the careful placement of fiddles to make life onboard a pleasure at all angles of sail, every element of the interior is designed in-house for excellent ergonomics, usability and appearance. Each stainless steel fitting is custom-designed to ensure ultimate fit for purpose, while X-Yachts' joinery is renowned for its quality of finish thanks to our team of experienced craftsman.



















INTERIOR SURFACES

As with all our X-Yachts, the Xp 55 upholstery and surfaces can be customised with a wide range of fabric, wood and laminate choices and colourways.



750 Olive Grey (Standard)



403 Bambus (Optional)





01 Nature (Optional)

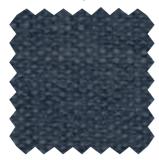


710 Moon Grey (Optional)





05 Camel (Optional)



10 Navy (Optional)





processing. 85% Polyester, 15% Viscose.

UPHOLSTERY AND

MATTRESS FABRICS



Teak without koto (Standard)

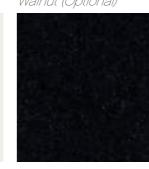


Nordic Oak (Standard) Burma Teak (Optional)



Teak with koto (Optional) Walnut (Optional)



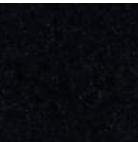






FLOORBOARDS

These samples have a hard wearing top surface of laminate imitating wooden veneers. As an alternative, top surface of genuine wooden veneer (as Bulkhead & Furniture) is also available.



GALLEY WORKTOP

SPECIFICATIONS

The Xp 55 was optimised from the very outset to carry two rig and keel options

The Xp 55 is a true dual-mode yacht, with both standard and high aspect rig and deep draft keel packages offered to enable owners to create their perfect sailing package.

The standard alloy rig offers superb stiffness and sailing performance together with ease of handling, robustness and reliability while the standard draft keel with cast iron fin and lead T-bulb maintains the Xp 55's excellent ballast-to-weight ratio.







Xp 55 Dimensions

I	_OA (including anchor roller)	17.23 m	56.50 ft
ł	Hull Length	16.76 m	54.99 ft
l	_WL	14.87 m	48.79 ft
-	Beam	4.77 m	15.65 ft
(Standard draft	2.85 m	9.35 ft
[Deep draft	3.2 m	10.5 ft
(Shallow draft	2.5 m	8.2 ft
[Ballast standard	6,500 kg	14,330 lbs
[Displacement (light)	16,800 kg	37,038 lbs

ENGINE/TANKS

Engine diesel	80.2 kW	110 HP
Fuel tank	465 Ltr	123 Gal (US)
Water tank	600 Ltr	159 Gal (US)

SAIL AREAS

Mainsail (Aluminium mast)	99.6 m ²	1,072.1 ft ²
Mainsail (Carbon mast)	102.8 m ²	1,1065 ft ²
106% Genoa	74.8 m ²	805.1 ft ²
Spinnaker (all-purpose)	240.0 m ²	2,583.3 ft ²
Spinnaker (all-purpose)	240.0 m ²	2,583.3 ft ²



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