HORIZON

FD87 / 122 / 74 Skyline

HORIZON FD87 / 122 / 74 Skyline

Dare to be Different

The New Horizon FD87 Skyline Fast Displacement Motoryacht

Efficient, across-the-board cruising capabilities with the new High Performance Piercing Bow (HPPB) design

A fully enclosed bridge with access to a Portuguese walkway

Expansive 23’ 3” beam, allowing for voluminous interior & exterior spaces

FD87 Skyline

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Beyond the Self: Horizon FD87 Skyline

A collaboration between Horizon Yachts and renowned designer Cor D. Rover, the new FD series encompasses the ultimate in versatile fast displacement motoryachts. Emphasizing style, volume, and functional design, the FD models combine modern flair with usable living and entertaining areas comparable to much larger yachts.

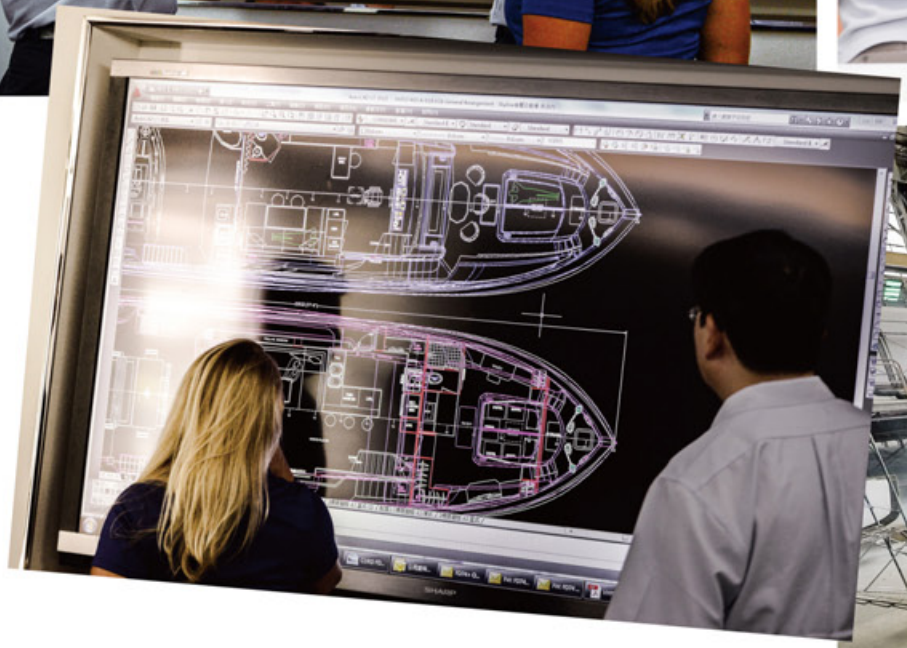
The Horizon FD87 Skyline, a brand new addition to Horizon's Fast Displacement series, was inspired by one client's lifestyle request. The FD87 Skyline joins the FD74 and FD122 in comprising the builder's latest FD models.

Springing from the eye-catching FD85, the FD87 Skyline retains many of the FD85's unique features. The enclosed bridge provides additional indoor entertaining and lounging areas while allowing for an extended boating season in colder climates. Explore her similarities, and the exciting features, that encompass the innovative Horizon FD87 Skyline model.

The Horizon FD Series Design Team

To compliment the successful FD85 model and satisfy the growing global demand for innovative, high quality luxury yachts, Horizon Yachts continuously develops new models. The FD87 Skyline hull one will debut with an enclosed bridge as well as the new High Performance Piercing Bow (HPPB).

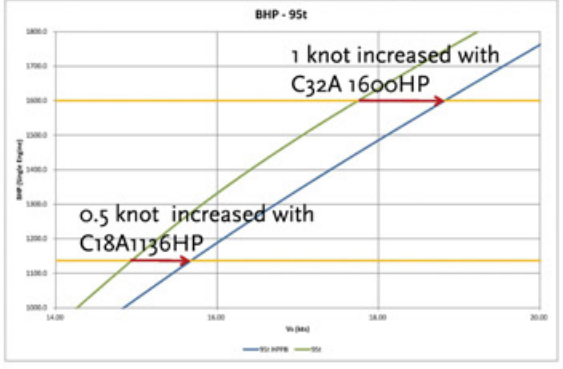
The FD87 Skyline hull one will make her debut in the first quarter of 2018.



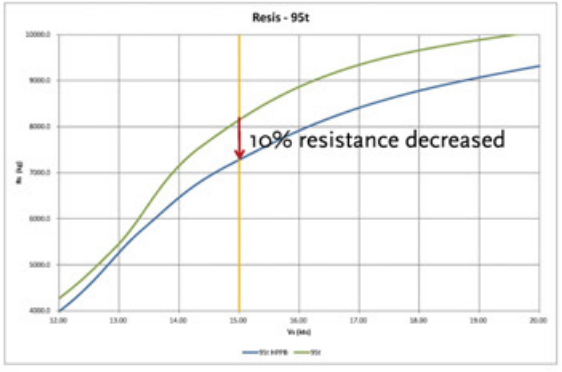
High Performance Piercing Bow (HPPB): Efficient Cruising Performance

The FD87 features a High Performance Piercing Bow (HPPB) – designed by the Horizon engineering team in consultation with Cor D. Rover. This design, in conjunction with the hybrid hull shape and tunnel design delivers a shallow draft, more comfortable ride, lower resistance and excellent stability. This design saw across-the-board hydrodynamic improvements in both tank and CFD testing. While alternative bow designs that feature protrusions work more efficiently at either high or slower speeds, the HPPB brings both efficiency at slower speeds and performance at higher speeds.

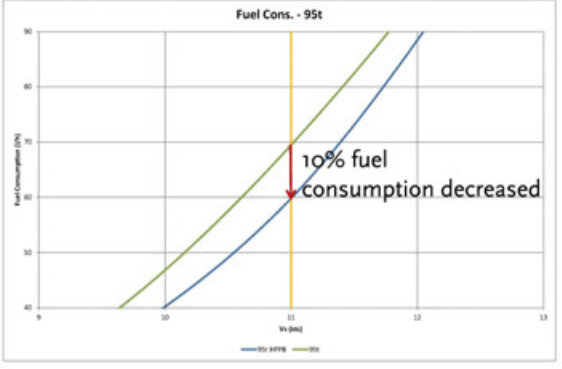
Speed



Resistance

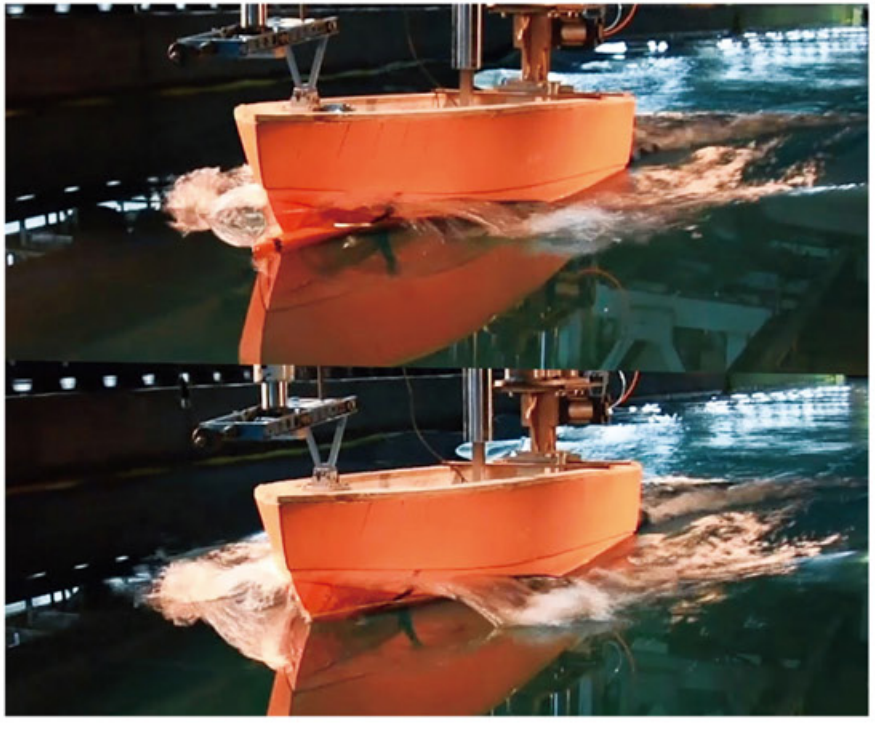


Fuel Consumption



FD87 HPPB
Traditional planning bow

FD87 Skyline



"Horizon's new High Performance Piercing Bow coupled with an enclosed bridge and collaborative design between Cor D. Rover and the Horizon Yachts team leaves nothing to be desired in both form and function," said Horizon Yachts CEO John Lu.

Hull Design

Tunnel:

A properly designed tunnel will reduce resistance and decrease draft.

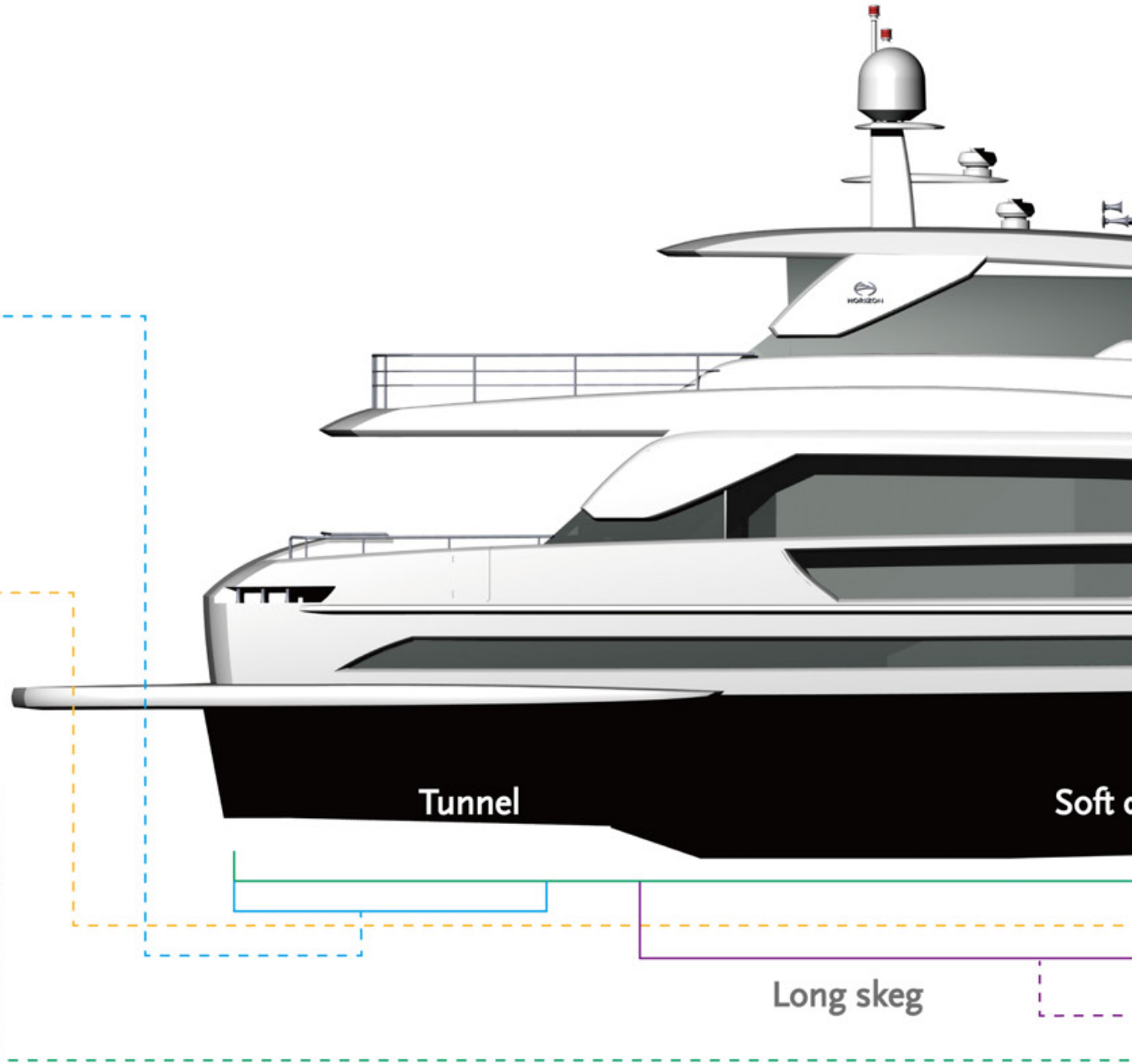
Hard chine

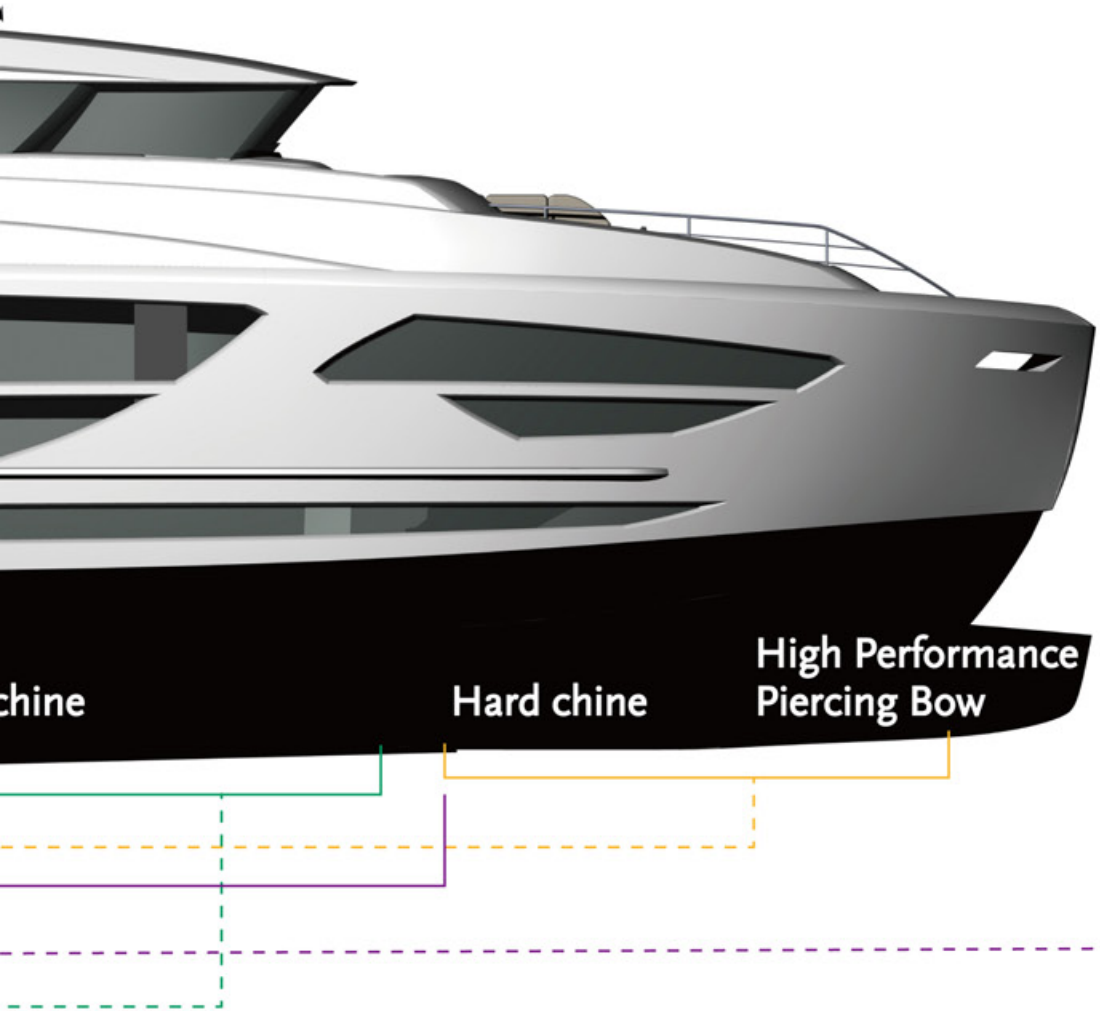
A hard chine at the bow ensures a dry ride and increases the lift force.

Soft chine

A soft chine mid-ship & aft in the hull generates smaller waves and reduces the resistance hump at hull speed.

This hull design delivers lower resistance and a smooth transition in all speed ranges for more efficient cruising.





High Performance Piercing Bow (HPPB):

The High Performance Piercing Bow is not only designed for high efficiency but also for a greater hull speed. The submersed sharp bow under water makes it easier to cut through underwater currents, so the FD87's HPPB increases the length of the waterline and reduces the entrance angle of the bow wave. This also enhances ride comfort in head seas by damping the motion while benefitting the hydrodynamic performance across the board.

Long skeg:

The long skeg offers larger lateral underwater surface area and excellent directional stability.

These two features offer good maneuverability and increase comfort for guests when on board.

FD87 Skyline

Technical Specifications

L.O.A	90'-1" (27.45 m)
L.W.L	78'-0" (23.78 m)
Beam	23'-3" (7.07 m)
Draft (half load)	5'-5" (1.65 m)
Displacement (half load)	209,440 lbs. (95 tons)
Fuel	3,480 US gal. (13,170 ltrs.)
Fresh Water	400 US gal. (1,500 ltrs.)
Engines	2 x CAT C-18ACERT 1136hp
Generator	2 x Onan 27kw(50hz) or 2 x Onan 29kw(60hz)
Max speed (estimation)	16 knots
Cruising Range	1640 NM @ 10 knots

* Optional items may be included in the drawing and are for reference only

Spacious al fresco area
for relaxation and fun

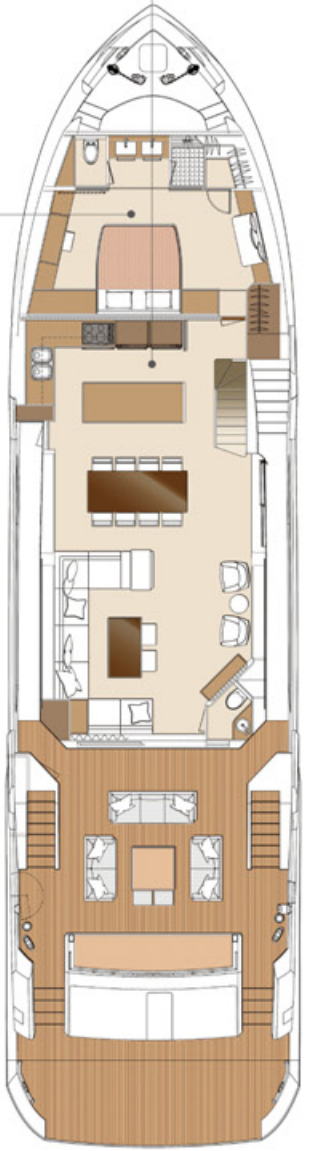
Enclosed bridge for
multi-purpose entertaining

UPPER DECK

Jacuzzi

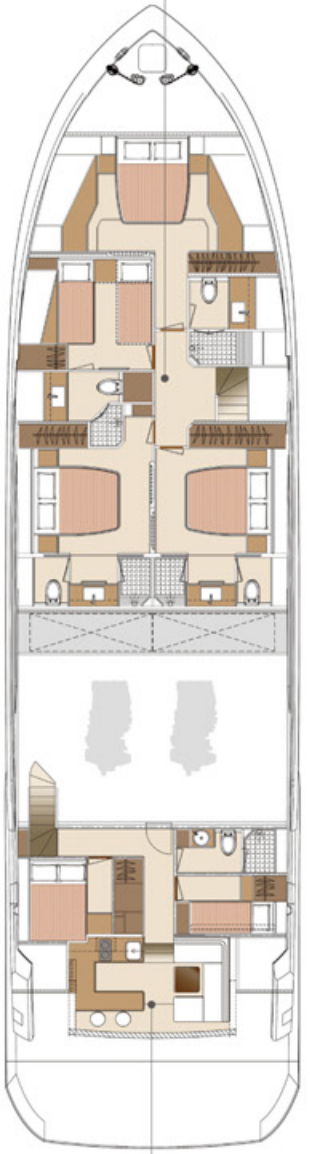
Expanded salon with formal
dining & open galley

On-deck Master



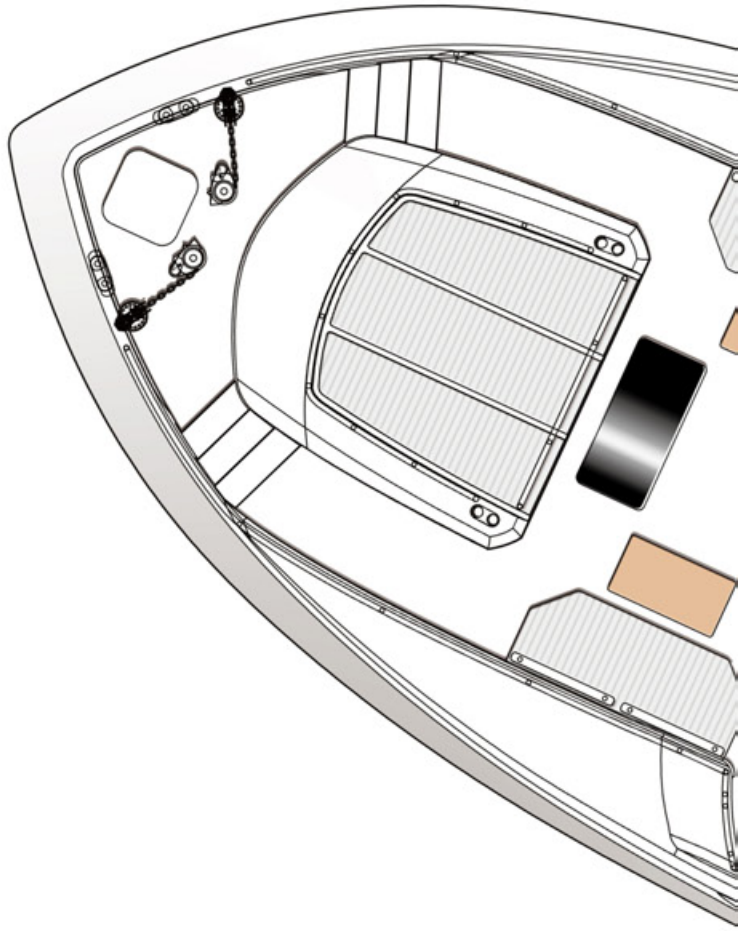
MAIN DECK

3 comfortable en suite VIP staterooms
+ 1 twin guest stateroom



LOWER DECK

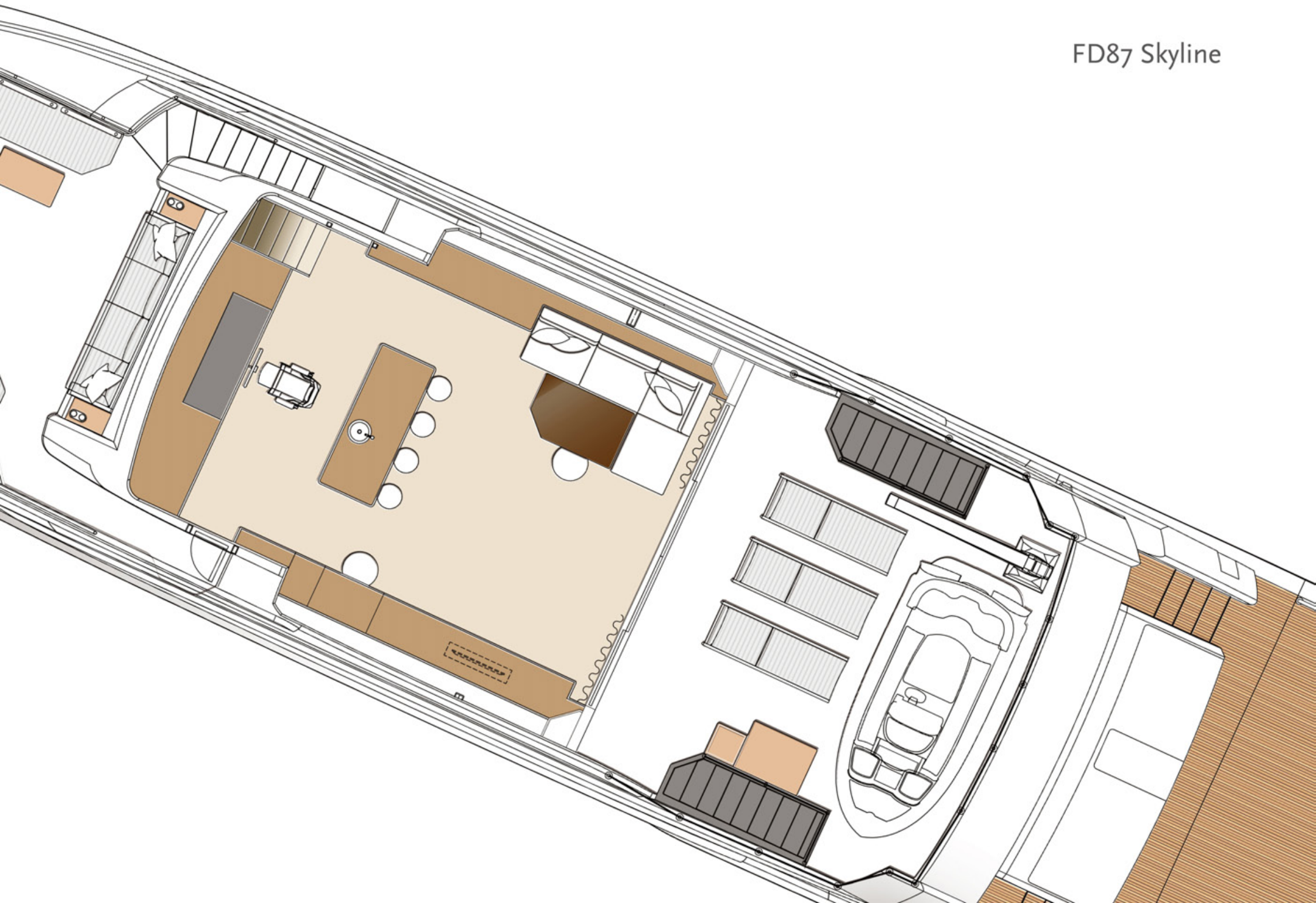
Beach club with bar & seating –
2 steps from hydraulic platform



Multiple Entertaining Areas for Any Occasion

Whether relaxing with friends and family, enjoying water sports activities or hosting a formal dinner party, the FD87 provides the flexibility for you and your family to be together – as well as to find that secluded space to sit back and become a part of the cruising experience.

FD87 Skyline



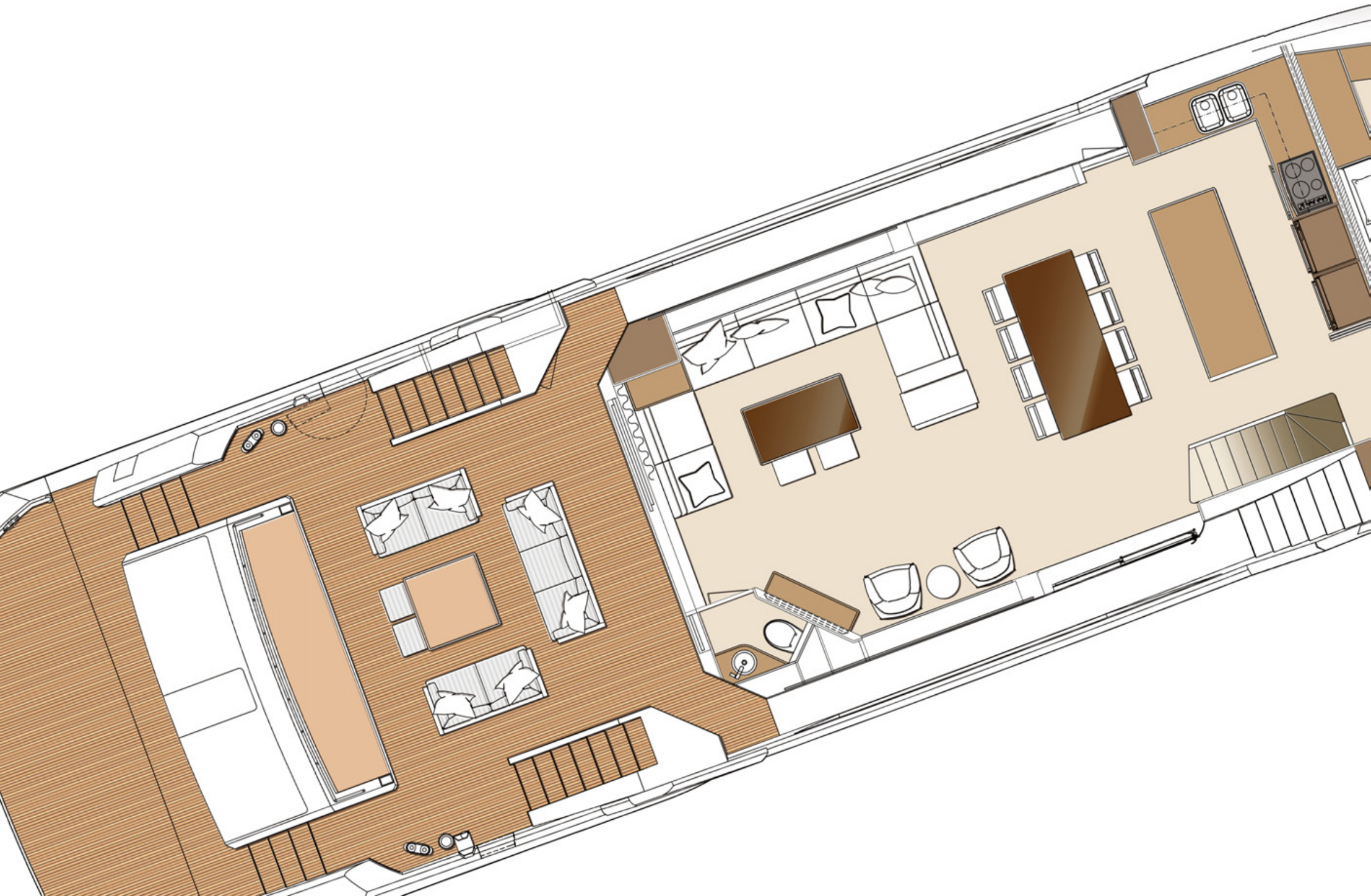
Forward Deck

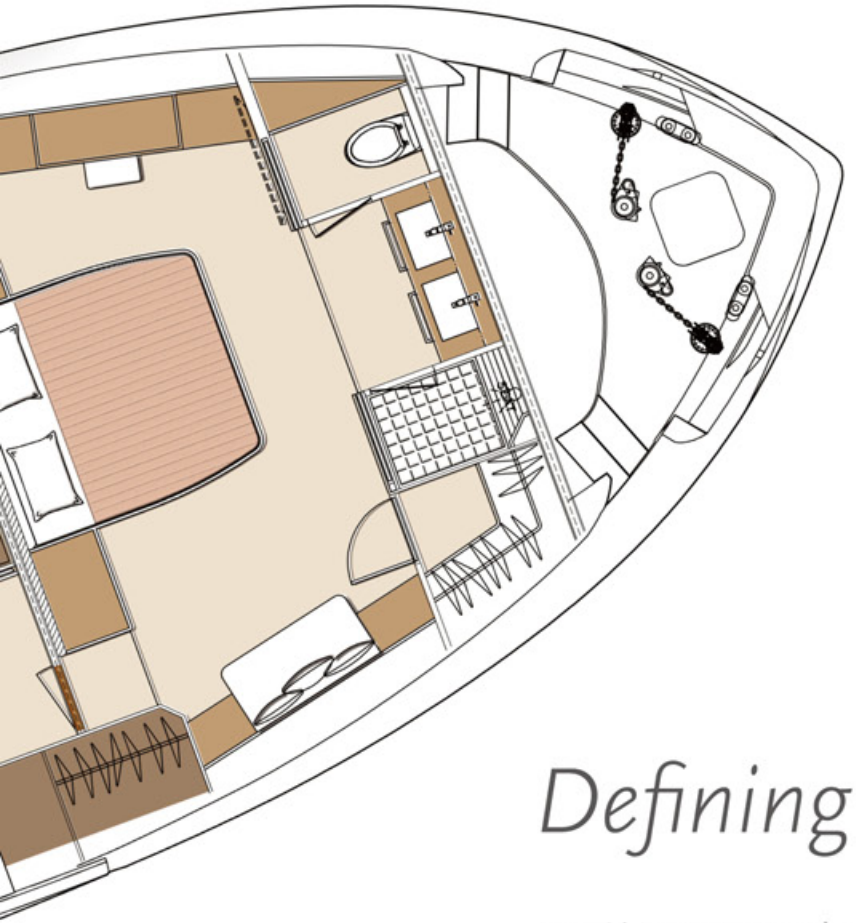
A fully enclosed bridge provides an easy access to the Portuguese walkway. Forward on the bow, an inviting seating area and sunpads will accommodate up to 10 guests.

Please note: all renderings in this brochure are for reference only

Enclosed Bridge

A panoramic enclosed bridge creates a second salon with relaxed seating aft, a forward bar area with stools and incredible 360-degree views. For those who may wish to extend their cruising into the cooler seasons, the enclosed bridge offers the space and protection to do so in comfort and style.





Defining Interior Space

- 25% Increase in volume over yachts with similar LOA's
- Stunning floor-to-ceiling windows in the salon and dining areas inviting an abundance of natural light within the interior
- Full beam, on-deck master stateroom with en suite head
- Four additional en suite guest staterooms below deck, along with separate crew quarters just forward of the engines

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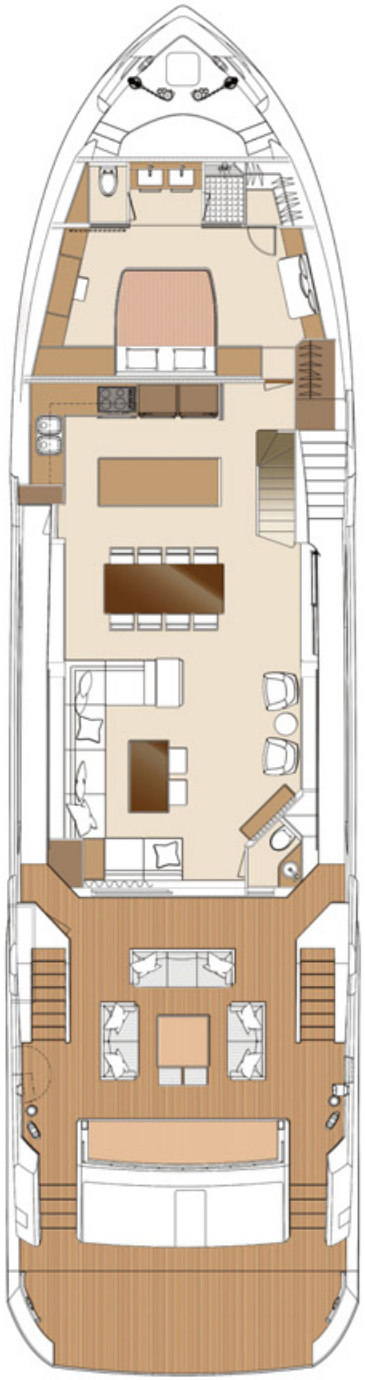

Main Deck

The Horizon FD87 Skyline's exterior and interior layouts were designed to take full advantage of her extensive volume, providing separate areas for entertaining, relaxing, and enjoying the surroundings.

The spacious salon, dining area and galley are surrounded by floor-to-ceiling glass – truly bringing the experience of being at sea to all living areas.

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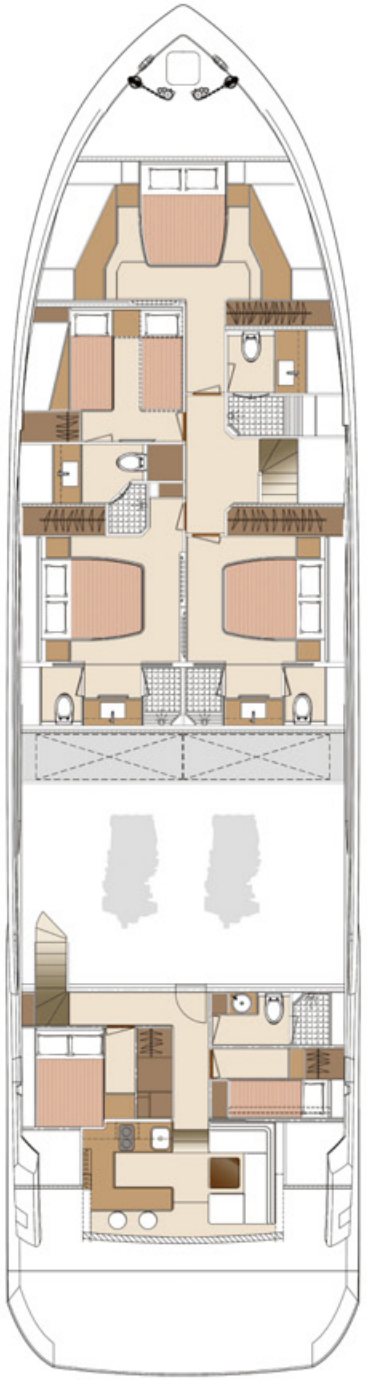
Easily converts from open to private country kitchen

Elliott Erwitt Snaps

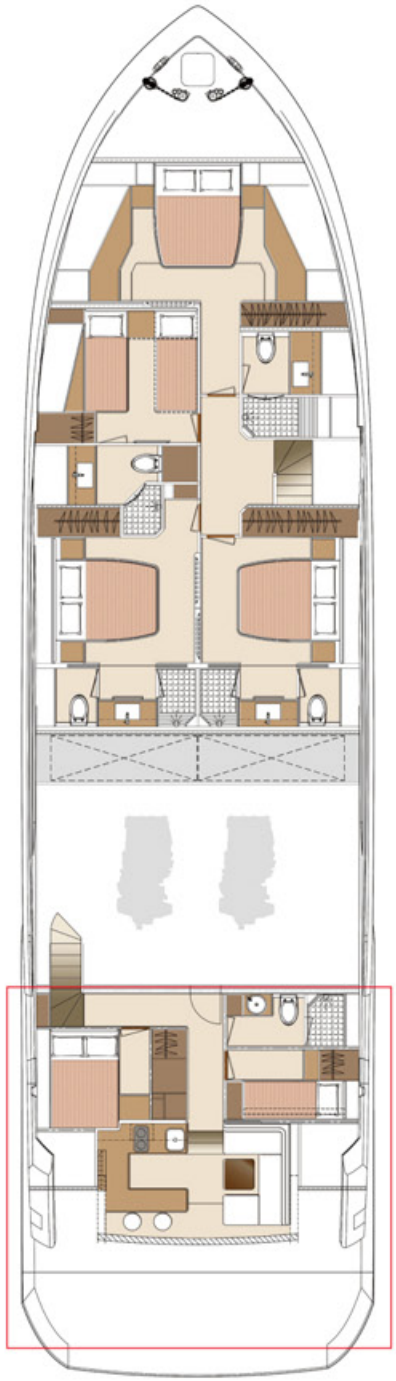
On-Deck Master Stateroom

The single-level version includes the head on the same level as the stateroom for a more traditional layout. Large windows bring copious natural light to the interior.



Below Deck

Four additional guest staterooms are found below deck, along with separate crew quarters just forward of the engines.



Beach club

Normally found in yachts much larger than the FD87, the new beach club design is two steps from the swim platform and takes water activities to another level. This area is a true innovation in design and function, creating a comfortable, informal oasis for enjoying the views, soaking up the sun, or simply relaxing water-side.

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Brand-new Horizon FD122

Immense alfresco area for entertainment & relaxation

Easy access to exterior decks & outdoor spaces

Bright and spacious interior

Luxurious & sophisticated accommodations

FD122 Skyline

A new FD122 will be offered in the FD series in the not too distant future.

Karaoke / Cinema Room

Your choice of main deck configurations with either a karaoke/cinema room or on-deck master stateroom

Salon

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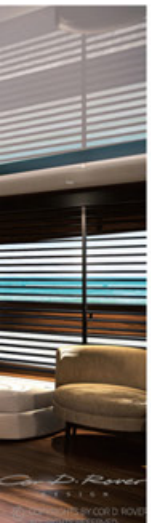


Master Stateroom

Layout options for an on-deck or below-deck master stateroom

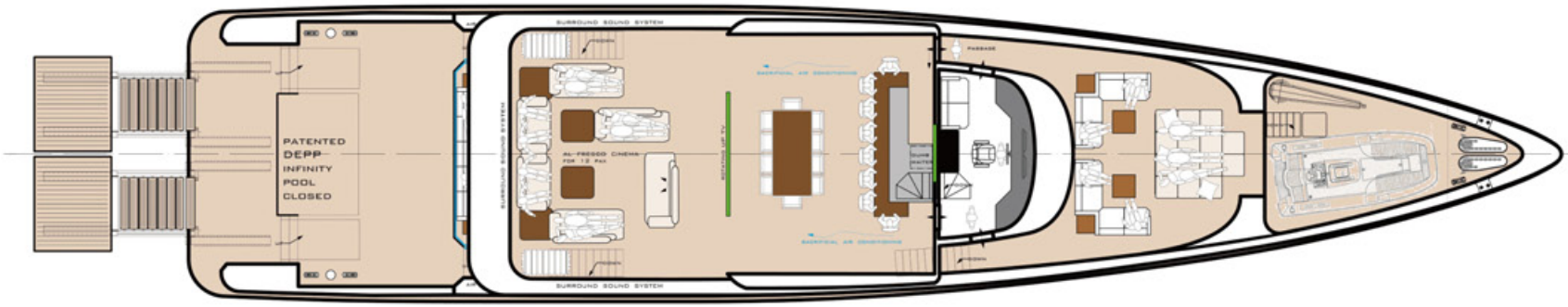
FD122 Skyline

Technical Specifications

L.O.A	122'-0" (37.19 m)
L.W.L	109'-10" (33.48 m)
Beam	26'-3" (8.00 m)
Draft (half load)	5'-6 7/8" (1.70 m)
Displacement (half load)	352,740 lbs. (160 tons)
Fuel	8,000 US gal. (30,280 ltrs.)
Fresh Water	600 US gal. (2,270 ltrs.)
Engines	MTU 16V2000M94 2600hp
Generator	2 x Onan 50kw(50hz) or 2 x Onan 55kw(60hz)
Max speed (estimation)	25 knots
Cruising Range	3300 NM @ 12 knots

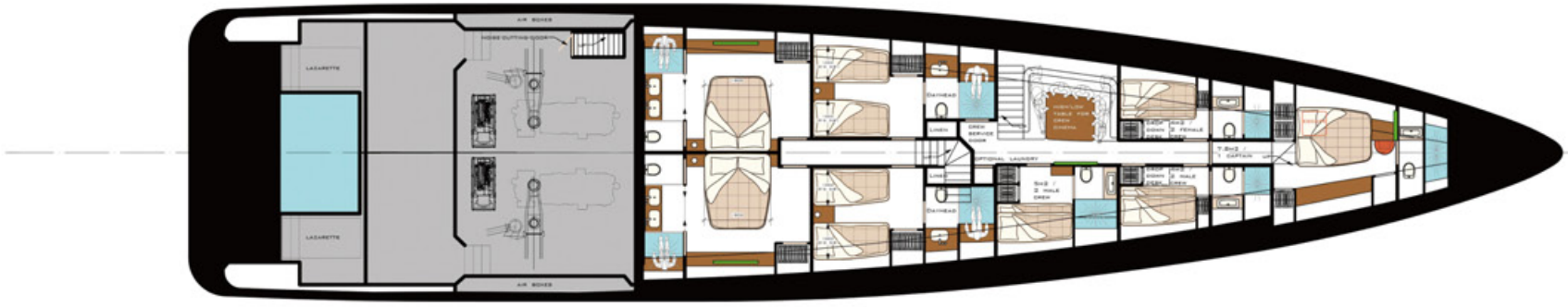
* Optional items may be included in the drawing and are for reference only

FD122 Skyline



UPPER DECK

MAIN DECK



LOWER DECK

A Cut Above the Rest: Horizon FD74 Skyline

Contemporary style lines, a smart layout, and expansive living and entertaining areas are at the heart of this latest design from Cor D. Rover and Horizon Yachts. The smaller sister to the successful FD85 motoryacht, the new Horizon FD74 focuses on providing extensive volume inside and out, from her four luxurious guests staterooms to her functional outdoor spaces, that will rival 90-plus foot yachts. With unique floor-to-ceiling glass sections, the FD74 also affords copious natural light and spectacular views of the surroundings in the salon, dining area and master stateroom. A truly cutting-edge motoryacht, the new Horizon FD74 is offered in two configurations – enclosed bridge and open bridge – transforming the cruising experience of your dreams into reality.

Brand-new Horizon FD74

Cutting-edge design and features
Extensive interior volume
Luxurious living spaces between four guest staterooms
Endless entertaining possibilities

FD74 Skyline

FD74 Skyline

Technical Specifications

L.O.A	74'-0" (22.56 m)
L.W.L	68'-10" (21.00 m)
Beam	21'-6" (6.55 m)
Draft (half load)	5'-8" (1.73 m)
Displacement (half load)	160,940 lbs. (73 tons)
Fuel	2,700 US gal. (10,200 ltrs.)
Fresh Water	400 US gal. (1,500 ltrs.)
Engines	2 x CAT C18A 1136hp
Generator	2 x Onan 27kw(50hz) or 2 x Onan 29kw(60hz)
Max speed (estimation)	19 knots
Cruising Range	2200 NM @ 11 knots

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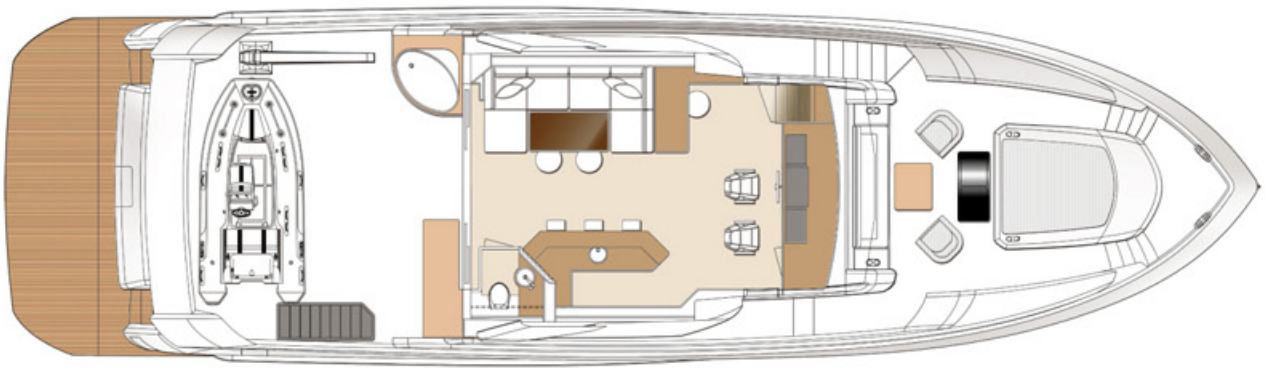
FD74 Skyline



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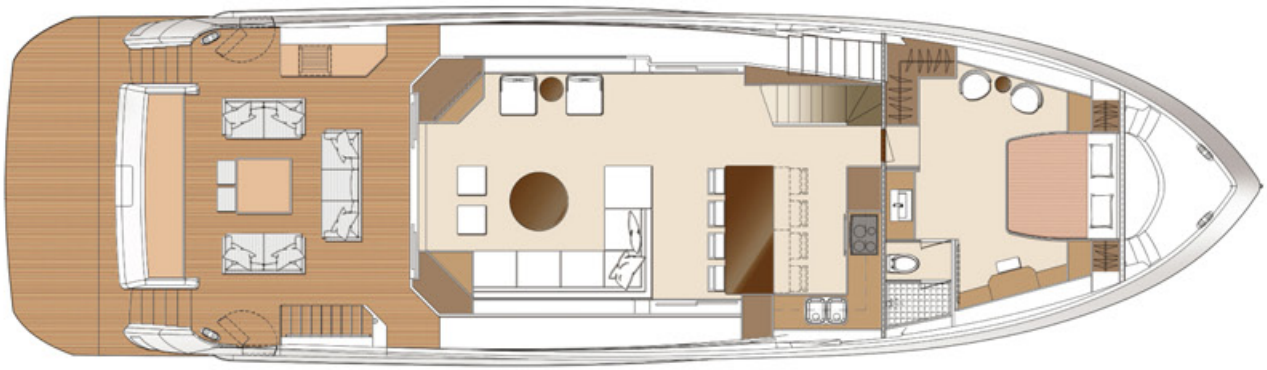
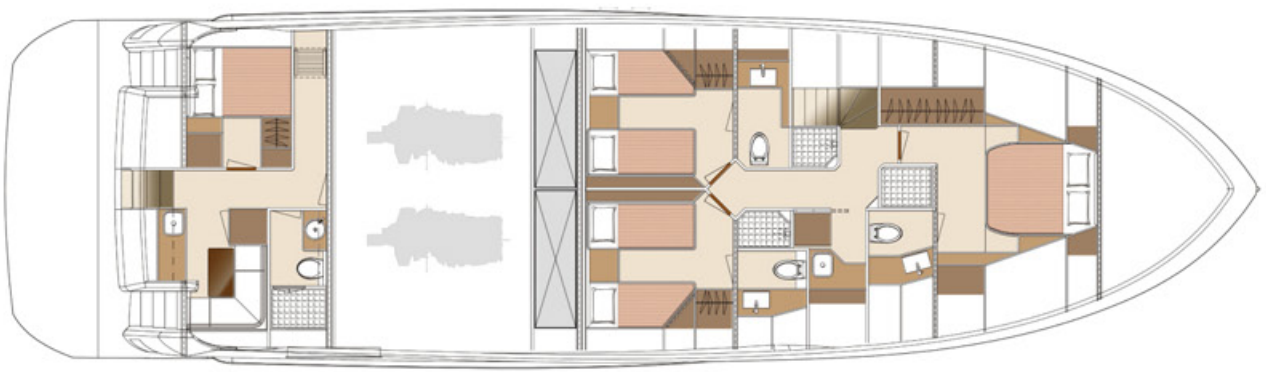


MAIN DECK



LOWER DECK

HORIZON

HORIZON Core Values

Only top **5** custom luxury yacht builder in Asia

Winner of **7** consecutive Taiwan Excellence Awards and **3** consecutive Gold Awards, the highest honor in Taiwan Excellence

Highest number of superyachts delivered among all Asia shipyards, totaling over **190**

12 th consecutive winner of "Best Asian Yacht Builder" Award

Over **140** yachts certificated by ISO/CE Class A Ocean category, and also recognized by the world' s major classification societies such as BV, DNV, etc

30 years of professional experience building luxury yachts

Horizon sales and support to clients in over **60** countries

8 yacht series with more than **20** models to choose from

800 professional yacht builders and more than **300** master craftsmen

Only SYBAss member in Asia

Recognized as one of the Top **10** Global Superyacht Companies by The Superyacht Report

Over **110,000 m^2 (1,183,600 sq ft)** area, with **4** specialized shipyards for building our yachts

HORIZON

TOP 20 BUILDERS BY LENGTH

2017 Rank	Company	Total (m)	Total (ft)	No. of Projects	Avg. Length (ft)	No. of Projects 2016	2016 Rank
	– Benetti[1]	2594.2	8,511	65	131	63	1
	Group[2]	2300.1	7,546	71	106	56	3
	zo	2144.8	7,037	64	110	54	2
		1136	3,727	10	373	7	7
		872.8	2,864	28	102	35	4
		870	2,854	14	204	13	5
	ne	771.2	2,530	19	133	13	11
	achts	731	2,398	25	96	25	8
		679.8	2,230	22	101	26	6
10	Horizon	632.5	2,075	22	94	21	9
11	Oceanco	591	1,939	6	323	6	10

Horizon at the Top

The 2017 Global Order Book (GOB), compiled by ShowBoats International magazine, provides an annual data report for yacht build and sales activity throughout the globe on yachts 80 feet in length and longer. Horizon is proud to rank number 10 in the 2017 GOB list of Top 30 Builders by length worldwide.

Horizon builds yachts that satisfy owner lifestyles from around the world – we are dedicated to providing our clients with safe, high quality luxury yachts and complete after-sales service no matter where you are located.

Horizon Achievements

SUPERYACHT BUILDERS ASSOCIATION

Since 1987, Horizon Group has delivered over 100 superyachts, which is the largest number delivered by any yacht builder in Asia. We joined SYBAss in 2010 and remain the only qualified luxury yacht builder and SYBAss member in the Far East to date. Horizon's superior yacht quality and advanced build technology is highly competitive with other top superyacht builders around the globe, and we also actively promote the superyacht lifestyle and experience as members of SYBAss.

www.sybass.org

ASIA BOATING AWARDS

Founded in 2005, the Asia Boating Awards recognizes and selects the best performing shipyards and their outstanding achievements within the Asian yachting industry for the past year. Horizon is the only Taiwan yacht builder with an unbreakable record of 11 consecutive "Best Asian Yacht Builder" awards since 2006. Horizon Group CEO John Lu received the "Personality of the Year" award in 2015. The Asia Boating Awards is an annual event organized by famous Asian yacht magazines Asia Pacific Boating and China Boating.

www.asiaboatingawards.com

THE WORLD SUPERYACHT AWARDS

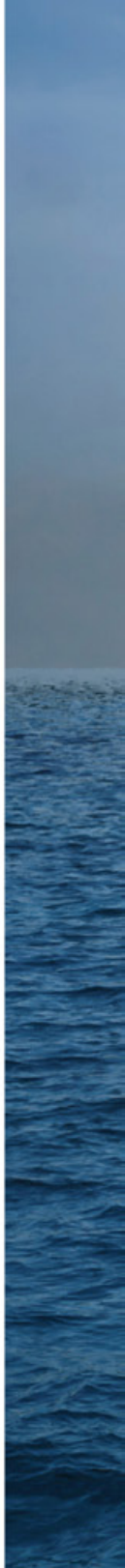
The World Superyacht Awards is the most prestigious awards programs for superyachts over 100 feet. Each year, a panel of judges selects the best 100'+ superyachts, within various categories, that have been delivered to their owners within the past year. In 2009 the Horizon P130 "Miss Rose" was selected as a Finalist, and in 2010 the Horizon RP120 "Espresso" was Finalist; the Horizon RP120 "Muses" and P136 "Angara" were both 2012 Finalists. The Horizon RP110 "Esther 7" was a Finalist in the 2015 World Superyacht Awards.

www.worldsuperyachtawards.com

TAIWAN EXCELLENCE

Taiwan Excellence is the premier award for "made in Taiwan" products and presented only to revolutionary, high quality, and high value products. The Gold Award -- the highest honor that a company can achieve within Taiwan Excellence -- is awarded to the top 10 finalists out of 1,000 Taiwan products reviewed by expert judges. Horizon received our first Taiwan Excellence award in 2010, and we have won an award each subsequent year for the outstanding features in and performance of our luxury yachts. In 2017, the 120 ft Horizon RP120 superyacht was awarded our ninth Taiwan Excellence award trophies; the Horizon PC60 and Horizon E88 were the Gold Award winners in 2015 and 2016 respectively.

www.brandingtaiwan.org/ TaiwanExcellence/en/index.aspx



Define Your Horizon

All specifications and information inside is subject to change.

Define Your Horizon

www.horizonyacht.com