

# **LIGHTWAVE45'** *Grande'*

*Fulfill your desire for something truly exceptional*



*Take me there*

*Going to sea is a serious endeavor demanding the highest standards of a sailor and his vessel. Experienced seafarers know the importance of having faith and comfort in their equipment and the LIGHTWAVE45' delivers both in generous proportions. Relatively fine, seakindly hulls provide ample reserve buoyancy for a generous payload and the impressive bridgedeck clearance makes the LIGHTWAVE45' an awesome bluewater cruiser, designed to negotiate long, ocean going passages with minimal effort and absolute comfort.*



[www.lightwaveyachts.com](http://www.lightwaveyachts.com)

# LIGHTWAVE 45' *grande*



## PROVEN BLUE WATER CRUISER WITH PRECISE, RESPONSIVE PERFORMANCE

Providing "big boat comfort" on sleek, ocean conquering hulls, the LIGHTWAVE 45' has incorporated many unique design features to create a luxurious vessel that is genuinely user-friendly and safe.

## LUXURIOUS, CUSTOMISED COMFORT

Semi custom requests are expected and met with ingenuity. Layout options include two, three or four cabins / two to four bathrooms, and a generously equipped and functional galley up or mid-galley in the starboard hull. With full headroom throughout (6'6"), this expertly crafted vessel is complimented by the characteristic Lightwave super yacht finish, which includes the use of two pak paint on internal walls and hand finished solid timber accents throughout.

## SLEEK, ELEGANT STYLING

Catering for hot humid climates, extensive vision and air flow continues throughout the interior of the stepped deck design, with large toughened glass windows that are accompanied by plenty of opening hatches. Panoramic 360° views are offered, from sitting or standing position, in a light and airy 4.5m x 3m saloon, which features expansive vision forward through large opening hatches. The optional owner's layout offers an entire hull designated as a private owner's retreat, that has a secreted sliding door arrangement that completely privatises the hull from the saloon area. The well ventilated bathrooms offer separated wet and dry areas, and plenty of room for your washing machine, drier, or linen cupboard. The cabins are spacious with queen beds that have substantial over head clearance, and are easy to access, with the aft cabin featuring an island bed that is only

600 mm off the sole. Viewing windows are incorporated into the structure of the hull in the aft cabins, just above bed level, adding a special ambience to the bright and airy cabins.

Specially designed for long term ocean cruising, other features include a large foredeck locker, to store dive gear, fenders and lines, and additional items such as sails, keeping your deck free from further obstructions. An optional feature of this area is an on-deck spa/plunge pool. Clever, easy sail controls lead to the cockpit, with all lines and halyards coming back via the 'covered line channels', leaving the decks uncluttered and obstacle free for extra safety and comfort. The enormous external engine rooms offer ease of servicing and plenty of space for a water maker and genset. There are no fumes inside boat, with a sealed bulkhead between these areas. The innovative design of the electrical system, incorporates superior energy efficient functions and comprehensive user friendly features that surpass industry standards. The expansive sheltered cockpit area with outdoor protected seating for 12, includes Lightwave's signature Stepped Steering Station; an outdoor dining and lounging area; under seat storage; and 120 L of refrigeration (fridge/freezer, ind. or comb.) under the helm seat, with additional unit available in cockpit area (complementing the 144 L fridge/freezer available in galley). The broad transoms feature large 'side access' swimming/fishing platforms, and makes dinghy access easy, with davits mounted on the transom, providing dinghy storage and an optional solar panel mounting area.

**PRESTIGIOUS,  
TRUSTED BRAND.  
AUSTRALIAN  
MADE**

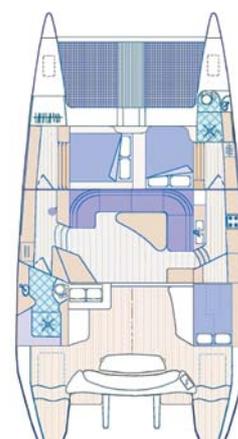
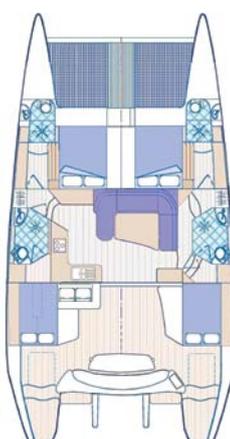
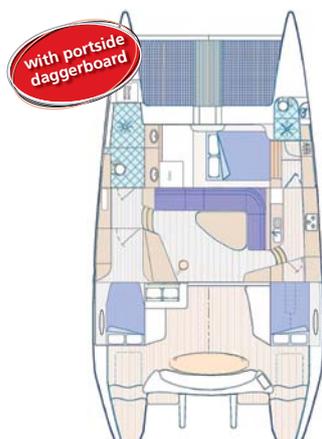


Family Layout

Owners Layout P+

Galley up Layout

Standard Layout



## TECHNICAL SPECIFICATIONS

Length Overall	13.7 m	45' 0"
Beam - Maximum	7.3 m	24' 0"
Head Room (Saloon)	2.00 m	6' 6"
(Hulls)	2.05 m	6' 9"
Mini-Keel Draft	1.2 m	4' 0"
Dagger Boards (Optional) Draft Down	2.2 m	7' 3"
Mast Height off (D.W.L.)	20.8 m	68' 2"
Bridge Deck Clearance (D.W.L.)	0.90 m	3' 0"
Displacement - Basic Light Ship	7,500 kg	16,500 lb
Max. Disp. D.W.L.	10,500 kg	23,000 lb
Length to Beam Ratio (of each hull)	11.5:1	
Fuel Capacity -	800 lt	210 US gal.
Fresh Water Capacity	800 lt	210 US gal.

## ENGINES

Diesel Engines	2 x 55hp Yanmar or Volvo Penta Engines
Propulsion	Twin 3-blade folding propellers on sail drive legs

Maximum Speed - Motoring	10.5 knots
Cruising Speed - Motoring	8 knots
Range (under power cruising)	4.0 Lt ph
	One motor 1300 nm
	Two motors 800 nm

## RIGGING

Sail Areas -	Main Sail	75 m <sup>2</sup>	808 sq ft
	Self Tacking Jib	30 m <sup>2</sup>	323 sq ft
Overlapping:	Genoa	41.5 m <sup>2</sup>	447 sq ft
	Spinnaker	154 m <sup>2</sup>	1655 sq ft
	Screecher	70 m <sup>2</sup>	753 sq ft

Maximum Speed	16 knots plus
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## ACCOMMODATION

Standard 3 cabin layout	6-7 persons
(Optional 4 cabin layout, 2 or 4 bathrooms)	
Many layouts available. Individually customised.	

- (A) All figures are provisional and subject to change.
- (B) Right is reserved to make changes, modifications or improve production without prior notice.
- (C) Weight shown is estimate of model's weight displacement with standard inventory equipment aboard. Capacities of tanks are estimated to be total capacity of tanks. Usable capacities will vary depending upon conditions.
- (D)



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Take me there Take me there