



BARRACUDA YACHT DESIGN

C/ Alfonso Gómez, 9. 28037 Madrid. Spain. Tel +34·91·4400450 Fax: +34·91·4400454

YACHT DESIGNERS & NAVAL ARCHITECTS

www.barracuda-yd.com

BARRACUDA YACHT DESIGN **NORTHWIND 100' SY**

North Wind is recognised as one of Spain's most well known yacht brand names and we were particularly pleased when they asked us to design an all new 100ft / 30.5m addition to their cruising range.

The net result is a contemporary looking, deck saloon design of attractive proportions with large 'Mediterranean-style' cockpit.

Borrowing from the success of '*Akalam*', we have once again maximised the external space by working from already generous beam proportions we have positioned the cockpit coamings as far out as reasonably possible.

The cockpit itself is designed in a symmetrical fashion, and by adding two discreet steering positions adjoining the rear of the deck saloon, we have eliminated the take-up of space normally reserved for a central wheel.

Steps from the cockpit aft lead down to the transom, which benefits from Opacmare's hydraulic 'transformer' platforms. These highly effective, multifunctional examples of modern-day engineering serve in a variety of ways; either as an extendable passerelle, multi-height adjustable boarding steps, a swim boarding ladder, a tender lift and/or an equipment loading platform.

In addition to the 5m long owner's suite, one other fairly unusual characteristic for a yacht of this size is inclusion of three double guest cabins. The owner's suite benefits from twin bathrooms and private access to the transom platform, while the guest cabins are pretty much all the same physical size.

With straight edges styling optimised towards cost-efficient aluminium construction, the design offers low heeling angles and a compliant ride.

An all carbon, self-tacking cutter rig and variable draft centreboard with lead bulb accentuate an 'easy-to-handle' mentality. The hull can be seen as effectively 'wrapping' itself over the top of the bulwarks to create a smooth integration where hull meets deck, and a semi-recessed dinghy well on the foredeck utilises a pole visible on the mast for launch and recovery of the tender.

Inside the deck saloon, the lounge and dining areas are connected on the same level and without guests having to contend with small steps separating the two different areas. By no means a dark chasm like some, our deck saloon design benefits from plenty of natural light provided via large side windows, plus two overhead skylights and three sloping windows facing forward. An internal steering position with small navigation table completes the picture inside.

Considering there are no less than seven large windows along the length of the hull, natural light will play a significant role inside as well as out.

Using their proud forty year boat building heritage to attract customers for the new design, it's our belief that North Wind will eventually be back on top once again.

MAIN CHARACTERISTICS	NorthWind 100' SY
Naval Architecture	Barracuda Yacht Design
Interior Design	Barracuda Yacht Design
Lenght Over All	30.15 m
DWL (Summer Draft)	28.46 m
Max Beam	7.50 m
Max Total Draft (Centreboard up)	3.40 m
Max Total Draft (Centreboard down)	5.60 m
Lightship Displacement	95.0 Tm
Full Load Displacement	108.0 Tm
Fuel Capacity	9,600 L
Fresh Water Capacity	2,900 L