



# BARRACUDA YACHT DESIGN

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## YACHT DESIGNERS & NAVAL ARCHITECTS

[www.barracuda-yd.com](http://www.barracuda-yd.com)

# MINORCHINO 54

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### **Traditional 'Balearic style' motor boats with improved efficiency hulls**

Barracuda have reinterpreted the design and improved efficiency across a range of distinctive 'Balearic-style' motorboats, traditionally referred to as Llaüts, when a similar design was first used as a rowing boat centuries ago by Menorcan fishermen.

There will be two model sizes in production – the Minorchino 42 and Minorchino 54. At 13.50m length, production of the smaller Minorchino 42 has been completed in the spring of 2011 and the larger Minorchino 54 will follow in 2012. Construction using sandwich composites will take place at Sasga Yachts in Menorca.

Due to very rounded stern sections and beam width proportions carried almost the entire length of the hull, this hull shape is famous for plenty of internal volume with good seakeeping characteristics. This fact alone encouraged an evolution of the original concept, and made this design style a popular option for leisure use.

While retaining a traditional appearance was fundamental to the client's design brief, efficiency and versatility in all areas has significantly improved.

Both versions have flexible interior accommodation layouts and 'walk-around' access to generous fore and aft-deck spaces and large swim-platforms. The larger fly-bridge version can accommodate 6 people in 3 cabins plus a steward/skippers cabin in the bow.

Propulsion for the Minorchino 42 will be via either twin 260hp or 315hp engines and cruising speeds are up from 12knots to around 18-20knots. Efficient hull lines can now offer economic cruising in the range of 500+miles @12 knots and 300+miles @15 knots.

Engine noise and vibration has been reduced, and for added comfort, owners will be able to specify 'gyro stabilization systems' as optional extras - dramatically reduce rolling motion across a range of conditions.

## Minorchino 54

Eslora Total / Overall Length	16.40 m
Eslora de Casco / Hull Length	14.98 m
Manga / Beam	5.00 m
Calado / Draught	0,70 m
Calado Hélices / Draft at Prop & Keel	1.35 m
Desplazamiento / Displacement	17.60 Tm
Motorización / Main Engine	2 x 260 Hp / 2 x 400 Hp
Interiorista / Interior Design	Barracuda Yacht Design
Ingeniería Naval / Naval Architecture	Barracuda Yacht Design







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