

Amer's 100 project design has been specially conceived to deliver good hydrodynamic performance while in planing mode and when displacing. The technology applied to this model has already been successfully tested and applied to other yachts produced by the same firm that sport water lines inputted by Mr Verme naval engineer. The very good hydrodynamic performance obtained, translates into lower fuel consumption when in displacing mode but also accounts for accrued speed when planing. So as to highlight what has just been stated, the Amer 100 travels in displacing mode up to 12.5 knots with an optimized consumption of 860 litres for 100 nautical miles, while when planing it is capable of reaching 29 knots with a cruising speed of 25. Such results are obtained also thanks to the appropriate choice of engines, which in this case are a pair of MTU ticking over at a mere 1,200 rpm when in displacing mode or two Caterpillar engines which to produce the same results in identical conditions would be set at 1,450 rpm. Performance drops by a mere knot in planing mode at top speed if the loads embarked increase displacement to more than 100t which is worthy of note. While lying to an anchor a set of latest generation gyro stabilizers make sure comfort is maintained. Low consumption led lighting, underwater lights and a variety of solutions are readily available for entertainment. Standard gear includes a moving stern platform, twin anchors and windlasses, a Jacuzzi tub and awning on the fly deck covering the dining area. The interiors are totally tailor made according to the owner's requests with a choice of two layouts, one with 4 cabins and the other with five and with the option to have the owner's suite placed in the bow area of the main deck. There can be up to three separate cabins for the crew, while the yard can also offer specially designed interiors for charter purposes. Treble helm/control sets are installed in three different locations, firstly on the bridge as is the norm, on the fly deck and aft in the stern area to facilitate manoeuvres in restricted waters. The garage can stow, launch and recover a tender up to 4.20 metres thanks to the necessary equipment which also comes as standard. Alberto Mancini is responsible for the external lines of decks and superstructure which convey a pleasing clutter free, harmonious profile. Amer 100 will be presented in the course of the next FT. Lauderdale boat show and Permare will be promoting the yacht in China too thanks to an agreement signed with Maxi Marine from Asia and the oriental markets therefore so as to exhibit the Amer range at the Shenzhen and Hainan boat shows as well.

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TECHNICAL DATA

LOA: 33.40 m – Beam: 6.90 m –
Displacement: 90,000kg – Fuel
tank capacity: 10,000 litres – Wa-
ter tank capacity: 2,000 litres –
Engines: 2x1800 HP Cat C-32
A (optional 2x1920 HP MTU
12V2000M942) - Top speed de-
clared: 29 knots (in planing mode)
Cruising speed declared: 25 knots
(in planing mode).

