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The IPS system offers **HIGHER PERFORMANCES** and **HIGHER EFFICIENCY** at equal power, this means lower consumption. Since the significant difference in terms of initial costs, the product is targeted at that Owner who immediately wants to benefit from an easier manoeuvrability and to get a middle-term return on consumptions.

Despite the significant **ADVANTAGES** some people still ask whether the

conventional shaft system is better than the innovative IPS. The question is clearly explained by the shipyard:

“The IPS propulsion system results to be more efficient from speeds around 24 up to 35 knots” – says Barbara Amerio, Co-Owner of Gruppo PerMare.” To achieve these speeds in the 3-engine system proposal, we need performing hulls and an accurate study of weights. And Amer Yachts, thanks to its well-known strong know-how, is able to meet all these technical requirements with adequate innovative solutions. Let’s take *Amer 116* as a successful case history; it is a 36mt Yacht able to reach speeds up to 27 knots, fitted with twin 1,825 hp Caterpillar C32 engines. Thanks to our consolidated experience and ability in manufacturing fuel-efficient and high-performance yachts, we are sure to get the maximum benefit from the IPS system, so to dispel all doubts.”

According to the data, IPS means: **PERFORMANCE**, **EMISSIONS** (low environmental impact), and **ONBOARD COMFORT**

Among the remarkable benefits of Volvo Penta IPS:

MAIN BENEFITS

- 20% reduced fuel consumption
- 30% less CO2 emissions
- 50% lower perceived noise level
- 20% longer cruising range
- 33% reduced risk-impact underwater hull area
- Better handling
- Safe and predictable handling
- Joystick docking

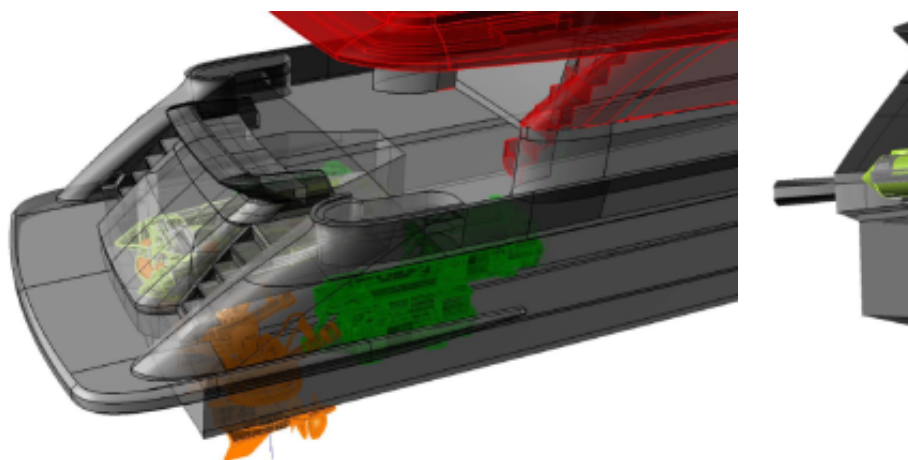
Lower weight and longer cruising range

IPS propellers **WEIGH LESS** than the conventional engines. In addition, and consequently, the lighter total weight of the vessel contributes to further improve the IPS propellers's high performance. Another benefit derives from the possibility to carry **LOWER FUEL WEIGHT** to cover the same range or, alternatively, to get longer cruising range by increasing the fuel capacity.

Amer 94', an AD HOC project

Also in terms of **VOLUMES**, the IPS system offer considerable advantages: IPS propellers involve a lower amount of space in favour of a larger engine room and, consequently, in all interior areas.

For this reason, interiors have been completely renewed and, compared with the previous Amer 92, they are clearly more spacious.



Amer Yachts have also taken this opportunity to re-design the **STERN** and to re-study a larger **GARAGE**, that can now accomodate a longer and more comfortable tender.

Tags: Amer 92, Amer 94, Amer Yachts, [Barbara Amerio](#), IPS, IPS propellers, IPS propulsion system, IPS Volvo Penta, Permare, Stefano Tini, Verme Projects