

Location: Italy

Service: Open Motor Yacht

Waterjet Model: HM571



TYPE:

Azimut 86S

SERVICE:

Open Motor Yacht

LENGTH:

26.49 metres (LOA)

BEAM:

6.08 metres

DRAUGHT:

1.00 metres

CONSTRUCTION:

GRP

SPEED:

42 knots

WATERJETS:

Twin HamiltonJet Model HM571

WATERJET CONTROLS:

Hamilton MECS
with Manoeuvring Controller

ENGINE:

Twin MTU diesel engines
Model 16V 2000 M91, each
1470bkW (2000mhp) @ 2350rpm

GEARBOX:

ZF BW 2550VP 1.703:1 reduction

DESIGNER/BUILDER:

Azimut, Viareggio, Italy

HamiltonJet DISTRIBUTOR:

Saim SpA, Milan, Italy

Hamilton Waterjets Take Azimut 86S to New Territory

Hamilton waterjets are receiving high praise as a propulsion alternative to surface drives on the newest motor yacht from Italian giant Azimut. High speed and outstanding manoeuvrability are well known benefits of waterjets and now a new manoeuvring controller makes it easy for anyone to harness the full capabilities of jet propulsion.

The recent launch of the 26m Azimut 86S Open yacht offered a rare opportunity to compare two different high-speed propulsion systems in the same boat – waterjets and surface drives.

The waterjet version has received high accolades for its fast, vibration-free and quiet performance (noise levels are approximately half those of the surface drive version), as well as its ease of operation. With its twin Hamilton HM571 waterjets driven by 2000hp MTU Diesels, the 86S Open offers exciting but very safe handling, with instant helm and throttle response, tight turning radius and rapid emergency stopping ability.

Although approximately 2 tonnes heavier, the waterjet version gives a top speed of 42 knots, which is only slightly less than the lighter surface drive version – and ensures the 86S Open more than meets Azimut's goal for a high-performance boat.

With the addition of a low speed manoeuvring joystick, HamiltonJet's MECS electronic control system allows

for intuitive 360° vessel control without the need for complicated control settings. Simply move the joystick in the direction you want to go, and the micro-processor controlled system automatically sets the waterjets' reverse and steering deflectors to achieve this.

- Moving the joystick further in any direction adjusts throttles to speed up the boat's movement.
- Rotating the joystick changes the vessel's heading.

The simplicity and intuitive logic of this manoeuvring control means inexperienced boaters can very easily manoeuvre the vessel in tight spaces without practice or the need to learn any advanced techniques.



HamiltonJet
www.hamiltonjet.co.nz