

SPOTLIGHT

- Absolute 50 Fly -

ABSOLUTE PLEASURE

THE 50 FLY'S DESIGNERS DID AN INTERESTING JOB OF DEVELOPING THIS WELL-DONE ERGONOMIC PROJECT THAT OFFERS COMFORT, SPACE, FUEL EFFICIENCY, QUIET AND VERY PLEASANT VIEWS.

By Angelo Colombo



ABSOLUTE 50 FLY

LOA	15.2 metres / 49 feet 10 inches
Beam	4.43m / 14ft 6in
Engines	2 x Volvo Penta IPS D6-600 435hp
Max speed	30 knots
Cruising speed	24 knots
Fuel consumption (cruising)	6.2 litres/mile, 1.64 gallons/mile, 142.6 litres/hour, 37.67 gallons/hour
Displacement (full load)	22.5 tonnes
Fuel	1,600 litres / 422.68 gallons
Water	450 litres / 118.88 gallons
Builder	Absolute Spa
Design	Absolute Research and Development Lab – Centro Studi

Test Conditions

People on board	11
Sea	Moderate
Wind	5 knots
Fuel	1,200 litres
Water	400 litres

RPM	KNOTS	Litres/Hour	Litres/mile
600	2.5	4	1.6
1,000	5.6	6	1.071
1,250	6.7	13	1.94
1,500	7.7	22	2.85
1,750	8.8	32.5	3.69
2,000	9.5	48	5.05
2,250	10.7	67	6.26
2,500	11.8	93	7.88
2,750	14.6	114	7.80
3,000	19.3	130	6.73
3,250	24	142	5.91
3,600	30	170	5.66

consumption of 130 litres/hour and 7.8 litres per mile. This is the perfect speed for a long and comfortable cruise with family and friends.

The efficient hull works very well with the IPS Volvo Penta propulsion systems, in this case two D6 IPS 600. At 24 knots, the fuel consumption is 142 l/h and 5.9 litres per mile. For people who like fast cruising, fuel consumption is not a problem to ponder while enjoying the 50 Fly's comfort and safety.

Manoeuvring the 50 Fly is very easy because the propulsion system has been very well tuned by Volvo Penta and the yard to optimise safety and manoeuvrability through working on the algorithm that manages the IPS movement, adapting to the speed and the engine RPMs.

Absolute has done a very good job creating a comfortable and spacious 50ft cruising boat that is also efficient to handle in ports and small areas thanks to the very effective joystick system that makes any kind of operation easy even for a less-experienced Owner or Captain.

www.absoluteyachts.com

www.absolute-marine.com (Hong Kong)

www.amalyachting.com (Taiwan)



the right behind the cockpit. The kitchen towards the stern allows the people cooking to mingle with the other guests.

The back deck has sliding doors that can be opened to create a sizeable entertainment area with the saloon and kitchen. There is a big sofa with a sunpad that can be enjoyed during navigation or at anchor.

The stern platform is equipped with a system that allows for easy operation with the tender and creates a pleasant beach area. Another interesting place is the sun area at the bow, with a sofa and a large sunpad.

Designing and building boats always involves compromise. If somebody wants to realise a yacht of 10m with four wide cabins, four baths, a fuel consumption of 20 l/h and goes 40 knots... well, it isn't possible, simply because the physics don't change.

The hull shapes, the weight control system during construction process, the efficiency of the engines and propulsion systems can change, but in the end there are some fixed points and everything becomes a compromise. Sometimes people will come up and say: "I saw your test about ***** boat, very nice but it's a pity that it cannot sail faster than 30 knots."

Someone probably could push a 15m boat to go 150 knots, but it would not be comfortable with three big cabins, wide areas to relax in the interior and exterior, and so on. When making these compromises, the exercise is to choose the best one for the specific market and optimise all the elements to obtain the best results.

The Absolute 50 Fly is the result of very interesting compromises that still offer space, comfort, reasonable fuel consumption at any speed and max speed of 30 knots that is more than enough during a cruise with family or friends.

The cruising speed is 24 knots, an interesting figure on a boat of this size, but more interesting is the ability to plane at 14.6 knots with a fuel





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