

YANMAR

POWER PROFILE

Application:	Commercial - Dive Charters
Vessel Construction:	Harris Craft - Fibreglass
Vessel Name:	Mahi Mahi II
Vessel Owner:	Exmouth Diving Centre
Length (LWL / LOA):	16.75M
Weight:	20T Heavy
Engine:	Yanmar 6HYM-WET (S)
Engine Power Rating:	515kW (700mhp) @ 2200 RPM
Drive configuration:	Conventional Propeller Shaft + Fixed Pitch Propeller x 1
Gear Ratio and Model:	2.077:1ZF IRM350 PL
Electronic Control Type:	N/A
Cruise Speed/Fuel Consumption	-
Top Speed:	23 knots
Propeller Size:	N/A
Technician Name:	Nick Marsden
Date of Operational check:	22nd February 2017
Sold by:	Pleisure Marine WA
Repower Installation Completed By	Owner

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Comments:

Operational Check # WA 43 refers – Rigid Type Engine Mounts.

Replaced Vee8 17.2L FPT8281SRM 70 700mph @ 2200 RPM.

Engine is now easily accessible compared to previous Vee8.

The Yanmar 6HYM-WET is 300kg lighter.

Top speed has increased by 2 knots.

Cruise speed at same RPM as previous engine also 2 knots faster.

Fuel consumption to be confirmed but it lots less than with old engine.

Engine RPM IS 44RPM below what it should be so more speed to be realised and better fuel consumption.

Disclaimer: Power Equipment provides this Performance Report for general information only. This data is accurate only as to the exact date, time and specifications set out in this Report. YANMAR makes no warranties as to the performance or fuel consumption of any boat equipped with a Yanmar engine as numerous factors affect actual performance of an engine.