

# YANMAR

## POWER PROFILE

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|---|---|
| <b>Application:</b>                       | <b>Commercial - Live aboard dive vessel</b>                   |
| <b>Vessel Construction:</b>               | <b>Alloy catamaran</b>  |
| <b>Vessel Name:</b>                       | <b>Spoilsport</b>   |
| <b>Vessel Owner:</b>                      | <b>Mike Ball Dive Expeditions</b>                             |
| <b>Length (LWL / LOA):</b>                | <b>30 metres LOA</b>  |
| <b>Weight:</b>                            | <b>328 Tonnes</b>   |
| <b>Engines:</b>                           | <b>2 x Yanmar 6HYM-WET (H)</b>                                |
| <b>Engine Power Rating:</b>               | <b>368kW (500mhp) @ 1950 RPM</b>                              |
| <b>Drive configuration:</b>               | <b>2 x Island Mount Vee Drive with Fixed Pitch Propellers</b> |
| <b>Gear Ratio and Model:</b>              | <b>2.593 : 1 / ZF BW 160S</b>                                 |
| <b>Electronic Control Type:</b>           | <b>Hynauntic - 3 stations ( Helm and 2 x wings )</b>          |
| <b>Cruise Speed:</b>                      | <b>9.7 knots @ 1600 RPM</b>                                   |
| <b>Top Speed:</b>                         | <b>12.7 knots @ 2000 RPM</b>                                  |
| <b>Propeller Size:</b>                    | <b>37.9 " diameter x 31.9 " pitch</b>                         |
| <b>Technician Name:</b>                   | <b>Brad Williams</b>  |
| <b>Date of Operational check:</b>         | <b>14<sup>th</sup> March 2017</b>                             |
| <b>Sold by:</b>                           | <b>Power Equipment QLD</b>                                    |
| <b>Repower Installation Completed By:</b> | <b>Cairns Sim Trans - Cairns</b>                              |

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### **Comments:**

*Operational Check # QLD85 refers  
Vessel is fitted with Island mount ZF "V" drives  
Yanmar 6HYM-WET engines are installed with Air starters  
Repowered MTU Series 60.  
Yanmar YT21 flexible engine mount configuration option.*

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.