

Hamilton Jet Model 321  
Application Review

## Single 321 Jet Powers Belgium's New Fast Rescue RIB



Belgium operator Ship Support Technics has purchased a Hamilton Jet powered RIB craft for salvage and rescue work around the Belgian coastline. The "Ribworker 38", built in the UK by Ocean Dynamics, is powered by a single Model 321 waterjet driven by a Scania DSI 9 diesel engine through a ZF gearbox and has a top speed of 33 knots.

Whilst the 321 jet impeller is rated to directly match the output of the engine, the gearbox has been installed to allow the jet to be back-flushed to clear any debris ingested during operation in shallow or

fouled water.

The Hamilton HSRC Reverse Control System provides infinitely variable ahead / astern control and when used in conjunction with the manual hydraulic steering system, full 360° manoeuvring capability is provided.

This manoeuvrability, together with the jet's shallow draft capability and the cavitation resistance of the Hamilton Jet design (which allows full power to be applied at low speeds), makes the craft ideally suited for its primary role of rescue work and

### ▶ Brief Specifications

<b>NAME:</b> Brandaris	<b>WATERJET CONTROLS:</b> Hamilton Jet Type HSRC
<b>SERVICE:</b> Rescue / Salvage Craft	<b>ENGINES:</b> Scania Model DSI 9 diesel, 360kW (482hp) @ 2300rpm
<b>TYPE:</b> Ribworker 38	<b>GEARBOX:</b> ZF Model IRM311 PL
<b>LENGTH:</b> 11.6 metres [LOA]	<b>DESIGNER / BUILDER:</b> Ocean Dynamics, Pembrokeshire, UK
<b>BEAM:</b> 3.08 metres [BWL]	<b>OWNER / OPERATOR:</b> Ship Support Technics, Nieuwpoort, Belgium
<b>CONSTRUCTION:</b> Aluminium [hull]	<b>Hamilton Jet DISTRIBUTOR:</b> Hamilton Jet (UK) Ltd, East Grinstead, UK
<b>DISPLACEMENT:</b> 5.0 tonnes [light] 6.5 tonnes [max]	<b>Benelus –</b> AMW Marine, The Netherlands
<b>SPEED:</b> 33 knots	
<b>WATERJET:</b> Hamilton Jet Model 321	

the salvage and towing of grounded sailing and motor yachts.

