

Location: New Zealand

Service: Rescue Boat

Waterjet Model: HJ213



**NAME:**

HamiltonJet Rescue

**SERVICE:**

Surf Rescue Craft

**LENGTH:**

8.80 metres (LOA)

**BEAM:**

2.38 metres

**DRAUGHT:**

0.52 metres

**CONSTRUCTION:**

Aluminium

"Closed cell" foam fenders

**SPEED:**

50 knots (Max)

30 knots (Normal service speed)

**WATERJET:**

Single HamiltonJet Model HJ213

**ENGINE:**

Single 5.7l Marine Power V8 engine  
240kW (325hp) @ 4800rpm

**OWNER/OPERATOR:**

Sumner Lifeboat Institute,  
Christchurch, New Zealand

**DESIGNER:**

McBride Design,  
Nelson, New Zealand

**BUILDER:**

Hamilton Marine,  
Christchurch, New Zealand

**HamiltonJet DISTRIBUTOR:**

Hamilton Marine,  
Christchurch, New Zealand

## "HamiltonJet Rescue" – Specialist Surf Rescue Boat

**When Christchurch's Sumner Lifeboat Institution (SLBI) needed a new surf rescue boat it called on the expertise of designer Richard McBride and jetboat builder Hamilton Marine. The result is a highly specialised and innovative rescue vessel incorporating the latest technology and the many proven benefits of waterjet propulsion.**

"HamiltonJet Rescue" is the product of extensive research by the SLBI, including feedback from lifeboat crews based on their experience with previous surf rescue boats. As the vessel's operating range includes inshore waterways as well as open water, with such hazards as tidal shallows, river mouth bars, breaking surf and steep rock faces, its design incorporates the best features of many different types of modern rescue boat.

A HamiltonJet HJ213 waterjet driven by a 5.7 litre EFI Marine Power Jetpac V8 provides the high thrust and manoeuvrability required of the boat in surf conditions. To prevent excessive bow lift in breaking waves the vessel was designed to keep LCG very central, and the "closed cell" foam fendering system tapers towards the bow.

The skipper has unobstructed views

around the vessel from a central standing position, while an adjustable backrest provides support and stability when the boat is thrown about. A foot throttle is used to allow greater control of heading, ahead/astern and speed in difficult situations.

HamiltonJet Rescue has been described as the perfect boat for its operating conditions. Handling and performance are exceptional – she is extremely manoeuvrable at all speeds and tracks easily whether heading into breakers or surfing down the face of larger swells.



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[www.hamiltonjet.co.nz](http://www.hamiltonjet.co.nz)