

Location: New Zealand

Service: Passenger Ferry

Waterjet Model: HJ364



SERVICE:

Passenger Ferry

LENGTH:

15.20 metres [LOA]

BEAM:

5.60 metres

DRAUGHT:

0.70 metres

CONSTRUCTION:

Sealium Aluminium

SPEED:

40 knots (maximum)

PAYLOAD:

49 Passengers

WATERJETS:

Twin HamiltonJet Model HJ364

WATERJET CONTROLS:

HamiltonJet blue ARROW

ENGINES:

Twin MTU Detroit engines

Model S60, each

552kW (740hp) @ 2300rpm

DESIGNER:

Teknicraft Design Ltd

Auckland, New Zealand

BUILDER:

Q-West Boatbuilders,

Wanganui, New Zealand

HamiltonJet DISTRIBUTOR:

Hamilton Marine

Christchurch, New Zealand

HamiltonJet Improves Efficiency of Commuter Ferry Service

The newest passenger ferry operating in Auckland Harbour, New Zealand, boasts speed, efficiency and comfort – in no small part due to the use of twin HamiltonJet HJ364 waterjets together with HamiltonJet's blue ARROW® electronic control system.

“Clipper II” is a foil-assisted catamaran powered by a pair of Hamilton HJ364 blue ARROW waterjets. Top speed is over 40 knots, but to achieve its schedule Clipper II need only maintain 26 knots at a mere 65% MCR. The result is very economical fuel consumption – plus the low demand on the engines improves reliability while reducing maintenance requirements.

What's more, the vessels shallow draught allows for a more direct route to be taken across the harbour than is possible with larger ferries and propulsion systems.

High manoeuvrability provided by the waterjets (which is enhanced by the wide space between them) and blue ARROW control system allow Clipper II to be handled easily with only one crewman within a marina environment.

The MouseBoat™ unit is mounted on a starboard wing station outside the bridge, providing the skipper with full visibility when manoeuvring into the dock. The “HOLD” button can then be used to lock the MouseBoat's position, holding the vessel against the dock while the skipper secures lines and passengers are embarking and disembarking.

Clipper II operates alongside the original Clipper I ferry, launched in 2002 and powered by twin HJ322 waterjets.

HamiltonJet
www.hamiltonjet.co.nz