

HJ214 & HJ215




HamiltonJet

The Ultimate in
Waterjet Sophistication

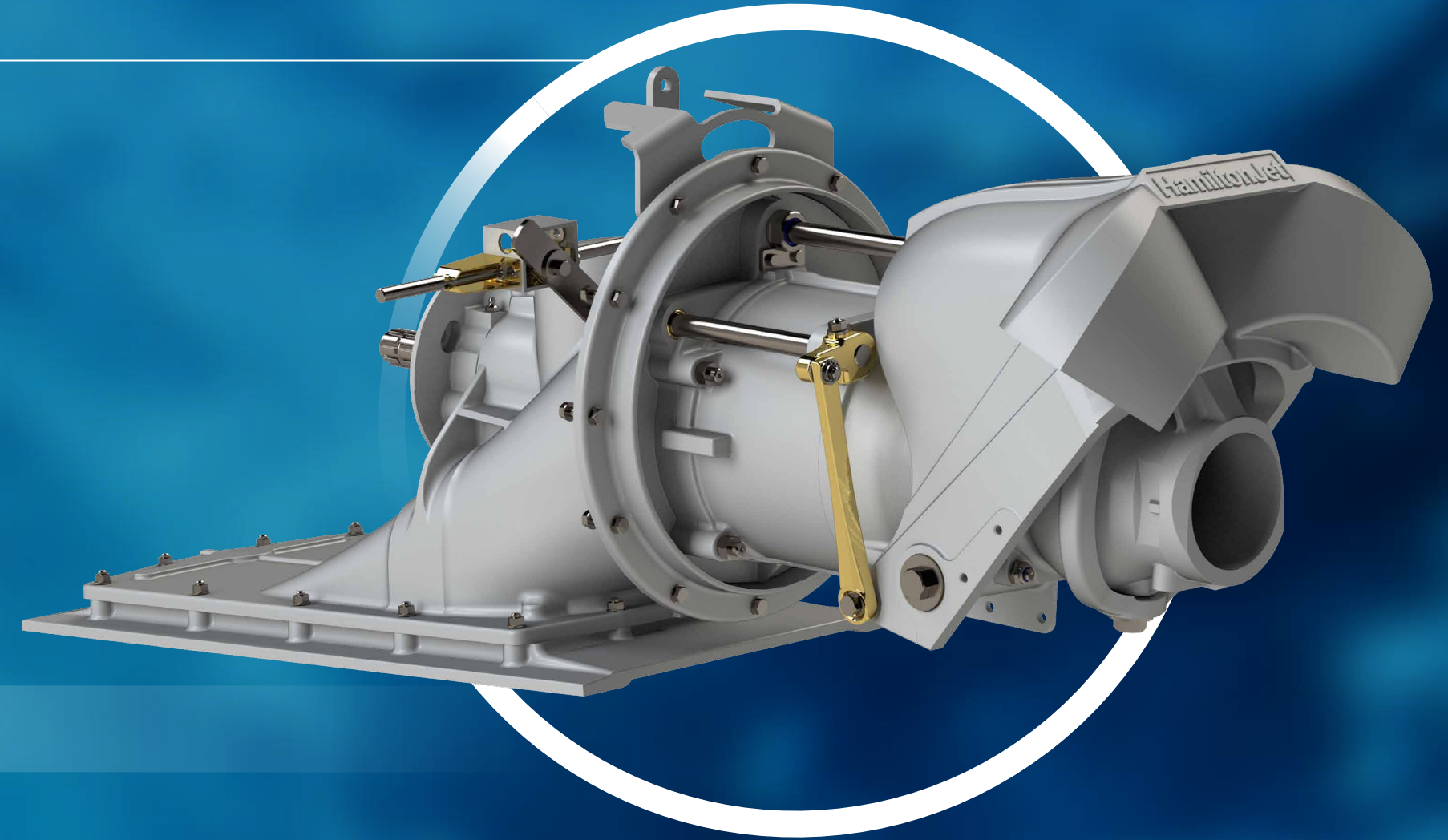
WATERJETS REDEFINED

The HamiltonJet HJ214 & HJ215 waterjets are designed to be the best all-round jet units on the market, and is the ideal propulsion solution for a wide range of boats.

Compact, lightweight, and built for greater efficiency at high speeds; these waterjets are suitable for a wide variety of applications and environments. From small recreational crafts on rivers and lakes, to larger thrill-seeking tourist crafts operating in river gorges and ocean harbours, they are class leading in performance, efficiency, safety, reliability, and ready to handle the toughest and most challenging situations.

With over 70 years of experience designing and manufacturing waterjet propulsion systems, HamiltonJet is renowned for ease of installation and maintenance. Every product is backed by a comprehensive sales and support network of Authorised Distributors and Service Agents around the globe, plus company offices in the United States, United Kingdom, Singapore, and New Zealand.

Redefined Performance. Trim Nozzle Option. Easy Installation.



PERFORMANCE

Continuing our drive to design waterjets that deliver the ultimate combination of high speed efficiency with low speed capability, these redefined jets do both.

HJ214

From rivers to lakes, our trailer boat customers want flexibility and a waterjet to meet their needs. The HamiltonJet HJ214 is designed to deliver excellent efficiency across a wide speed range while maintaining high resistance to cavitation. The HJ214 can be used in salt water if thoroughly flushed with fresh after use. However, if the boat is to be moored or have prolonged use in salt water, consider the HJ214-SW waterjet as an alternative option with anode protection.

HJ215

The HJ215 waterjet has the same size and power rating but includes a full complement of anodes for protection in the ocean, a full hydraulic reverse actuation system and compatible with a diverse range of engines from global manufacturers. The HJ215 has also been designed to pair with our advanced AVXexpress electronic control system.

Turbo Impeller

The new factory-made optional TURBO2 Impellers, offer superior performance where acceleration and thrust in aerated water is required.

Trim Nozzle Design

Not only are these waterjets extremely efficient, they are also compact and lightweight. When paired with the factory-manufactured Trim Nozzle equipped with an electric actuation system, your boat can accelerate quickly from the beginning, and you can make real-time adjustments to the boat's trim while on the move.

Easy Installation

The waterjets have been designed for close coupling to the engine near the transom, maximising usable space within the boat. The jet is supplied as a single packaged module, ready for easy installation. They will also drop in to your existing HJ212/HJ213 hull space with no required modifications.

Engine alignment and controls set-up are simple, and an inboard inspection hatch allows access to the interior of the waterjet. Routine service can be completed without disturbing the hull seal.



HJ214 FEATURES

Improved Steering System

Prevents contamination damage and extends seal pack life.

Easier Installation

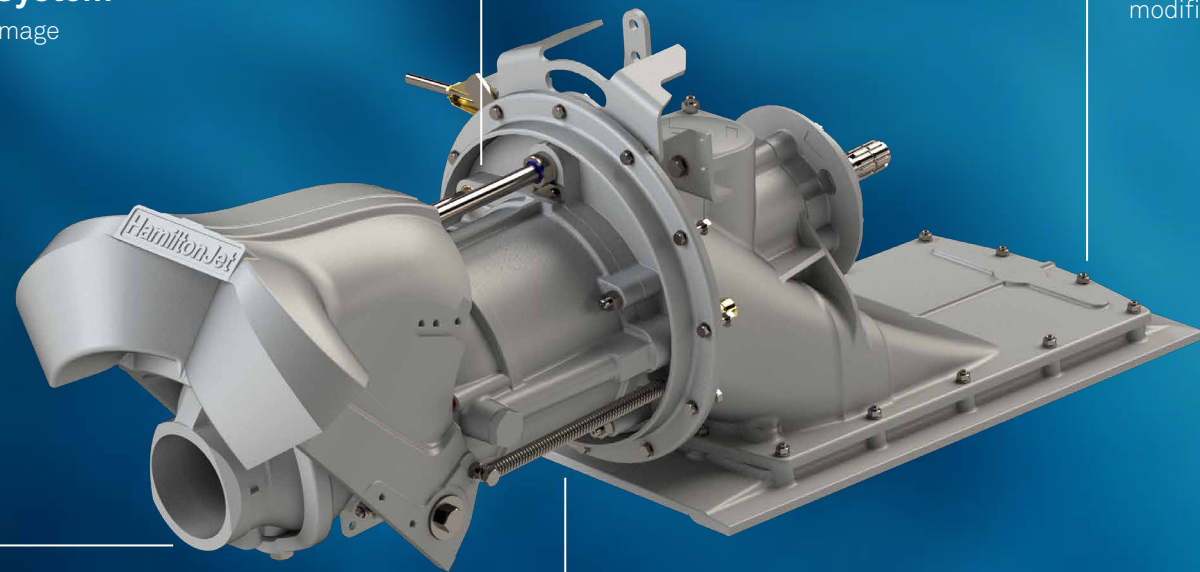
Features compact inboard footprint and can drop into existing HJ212 hull space without any additional hull modification.

NEW - Trim Nozzle

Optional trim nozzle design ± 10 degrees gives you a better "hole shot" to get on step faster.

NEW - TURB02 Impellers

Factory manufactured Turbo Impeller option providing more acceleration and high thrust in river rapids (aerated water).



HJ215 FEATURES

Steering & Control

More precise manoeuvring, minimised performance loss in turns and lower loads at the helm. Compatible with our advanced AVXexpress electronic control system.

Easy Installation

Features compact inboard footprint and can drop into existing hull space without any additional hull modification.

NEW - Trim Nozzle

Optional trim nozzle design ± 10 degrees allows you to trim the boat on the go.

Refined Anode Layout

Extends product life and better aligns maintenance schedules.

NEW - TURB02 Impellers

Optional Turbo Impeller upgrade, providing more acceleration and high thrust in aerated water conditions.





CASE STUDY

Private Jetboat

This jetboat is used on a private ranch in the Northwest region of the USA for recreational adventures and for ranch work where required.

With its Turbo impeller configuration this boat can easily navigate the heavy river rapids with ease and can achieve speeds of up to 40 knots.

VESSEL SPECIFICATIONS
Service: Private Boat
Location: USA
Length: 8.56 metres (28 ft)
Designer: Bentz Boats
Builder: Bentz Boats
Speed: 40 Knots
Propulsion: 2 x HamiltonJets, twin 300kW (402hp) petrol engines

CASE STUDY

Auckland Jet

Auckland Adventure's purpose-built jet boat offers an exhilarating 30-minute journey through Auckland's harbour, specifically designed to provide an unforgettable experience for tourists.

Auckland Adventures Jet achieves speeds exceeding 50 knots, delivering an unmatched level of excitement.

VESSEL SPECIFICATIONS
Service: Tour Boat
Location: New Zealand
Length: 7.80 metres
Capacity: 24 people
Designer: KwikKraft Boats
Builder: KwikKraft Boats
Speed: 50 Knots
Propulsion: 2 x HamiltonJets, twin 235kW (315hp) diesel engines



CASE STUDY

FRSQ 700

This davit-launch fast rescue boat stowed on a mothership has excellent manoeuvrability and stability even in the most demanding sea conditions.

The boats are safe, quick, extremely agile and have been designed in accordance to the latest IMO/SOLAS regulations.

VESSEL SPECIFICATIONS
Service: Fast Rescue Boat
Location: North Sea
Length: 7.1 metres (23.3')
Capacity: 15 people
Builder: Palfinger Marine
Speed: 38 Knots
Propulsion: 1 x HamiltonJets, single 260kw (349hp) diesel engines

WORLD-CLASS PRODUCT SUPPORT

We are backed by more than 70 years in business as the pioneer and market leader in waterjets and controls.

Our product support and parts availability is truly class-leading. With a global network of regional offices and over 50 appointed distributors, help is always on hand. No matter where you are, in the unlikely event of a problem, downtime is minimised.

Our products all come with a commitment to at least 20 years' support after the end of series production*.

*This applies to all HamiltonJet products which reach series production and can be extended longer if a particular project requires it. Beyond this point, we still endeavour to keep you moving where possible.





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