

Indmar Ignites a New Era of Hybrid Marine Power at Miami

All-New Hybrid Electric Powertrain And World's First Hybrid Wakesurf Boat

MIAMI BEACH, Fla., Feb. 11, 2026 — Indmar Marine Engines introduced a new era in marine propulsion today at the Miami International Boat Show, unveiling a hybrid electric powertrain developed in partnership with Genesis Marine Technologies and debuting the world's first hybrid wakesurf boat, the Genesis 24.

For more than five decades, Indmar has built its reputation on delivering proven inboard performance across towboats and jet boats. Today, the company expands that legacy into hybrid propulsion with the debut of the Trident Hybrid powertrain architecture, anchored by Indmar's 2.3L EcoBoost platform.

Ford Motor Company representatives were in attendance at the press conference, recognizing the continued collaboration between the two companies. Through their long-standing partnership, Indmar and Ford have reintroduced Ford power to the marine industry, brought ROUSH Performance supercharging technology to marine applications and earned 14 industry awards for innovation, top products and customer satisfaction.

"This is not a concept. This is not a retrofit," said Tahmeed Ahmad, president of Genesis Marine Technologies. "This is a fully integrated hybrid propulsion system designed for real-world marine performance. It represents the next chapter in marine technology — and the future of what's possible on the water."

Built on a Proven Foundation

At the core of the hybrid architecture is the 2.3L EcoBoost, one of the most versatile platforms in Indmar's portfolio. Known for its compact footprint, lightweight design, strong low-end torque and fuel efficiency, the engine serves as the internal combustion foundation of the Trident Hybrid system.

"At Indmar, innovation starts with selecting the right foundation for the rugged demands of marine use and redefining its capabilities for applications no one thought possible," said Tim Maher, president of Indmar Marine Engines. "The 2.3L EcoBoost is that approach in action."

In its hybrid configuration, the engine functions as an auxiliary power unit supporting an integrated electric propulsion system. The Trident Hybrid powertrain is engineered to deliver up to 1,420 pound-feet of torque at the propeller and 530 Horsepower while delivering significant fuel efficiency gains compared with traditional wakesurf propulsion systems.

Genesis officials said the system can deliver up to 70% to 80% fuel efficiency improvements and as much as four times the operational range using the same size fuel tank, depending on duty cycle and application.

The result is a propulsion platform that combines quiet operation, extended time on the water and seamless transitions between gas and electric power.

Designed as an Integrated Platform

The Trident Hybrid powertrain made its public debut inside the Genesis 24, a 24-foot hybrid wakesurf boat developed by Genesis Marine Technologies.

“The technology platform is the company. The boats are the application,” Ahmad said. “We engineered the Trident Hybrid system as one fully integrated propulsion, controls and software platform from the start – not as an adaptation of existing systems.”

The fully integrated software architecture enables system health monitoring, predictive maintenance and over-the-air diagnostics. Officials said the system was engineered for real-world, on-water validation in demanding environments, including extended duty cycles and sustained torque loads typical of wakesurf applications.

The hybrid platform will be available to additional boat builders seeking advanced propulsion solutions.

The system supports multi-motor configurations capable of delivering more than 5,000 horsepower and more than 10,000 newton meters of torque directly to propeller shafts, enabling integration across larger recreational vessels and commercial marine applications.

Ahmad explained further, It’s only disruptive if it can be built reliably, repeatedly and at scale. With a newly established manufacturing facility in Southwest Florida and Indmar’s legacy of marine production expertise, the partnership enables hybrid powertrain integration across multiple vessel categories.

Expanding the Indmar Portfolio

With the successful unveiling of its hybrid architecture, Indmar signals continued investment in next-generation propulsion technologies while reinforcing its leadership position in the inboard marine segment.

Indmar officials said hybrid propulsion is a natural extension of the company’s commitment to delivering competitive advantages for boat builders and more time on the water for boaters.

About Indmar Marine Engines

Indmar has a pedigree going back 54 years in the inboard marine industry and a proud tradition of pointing the way forward. Indmar was the first inboard manufacturer to deliver fuel injection, and custom-calibrated engines and the first to produce an inboard engine with a catalyzed exhaust, which is now the industry standard. Today, this legendary brand delivers an inimitable mix of unrivaled performance, meticulous craftsmanship, and ground-breaking innovation. Indmar operates advanced manufacturing facilities in the U.S. with distribution centers in Millington, TN, Merced, CA and Clarkston, WA. Indmar is operated by Correct Craft subsidiary Liberty Technologies which also manages PCM Engines, Crusader Engines, Levitator Engines, and Velvet Drive Transmissions. For more information, please visit www.indmar.com.

About Correct Craft

Celebrating 100 years of excellence in the marine industry, Correct Craft is a Florida-based company with global operations. Focused on “Making Life Better,” the Correct Craft family includes Nautique, Centurion, Supreme, Bass Cat, Yar-Craft, SeaArk, Parker, and Ingenuity boat companies, Pleasurecraft Engine Group, Indmar Marine Engines, Velvet Drive Transmissions, Mach Connections, Merritt Precision, Osmosis, Watershed Innovation, and Aktion Parks. For more information, please visit www.correctcraft.com.

Contact: Indmar Marine Engines
Natalie Carrera
ncarrera@indmar.com
865-441-6121

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