

Cyngn Reveals DriveMod Tugger: Fully Autonomous, Electric Tugger for Industrial Operations

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Following the company's partnership announcement with Motrec International Inc, the first-of-its-kind DriveMod Tugger with automatic unhitching capabilities is capable of towing up to 6,000 pounds with a 54-inch turning radius.

MENLO PARK, Calif., Oct. 24, 2023 /PRNewswire/ -- Cyngn Inc. (the "Company" or "Cyngn") (Nasdaq: CYN), a developer of AI-powered autonomous driving software solutions for industrial applications, is excited to offer a sneak peek into its latest innovation: the integration of its DriveMod Kit with the [MT-160](#) tow tractor from [Motrec International Inc](#). Designed for industrial, commercial, and warehousing operations, this electric autonomous tugger is set to make its initial debut with select customers in fourth quarter 2023, and expand to a broader customer base in 2024.



This first look is part of a [previously announced](#) partnership to launch an industry-leading autonomous tugger, the "DriveMod Tugger," which boasts a 54-inch turn radius and a robust 6,000-pound towing capacity.

The DriveMod Tugger harnesses the power of autonomous driving through a variant of Cyngn's DriveMod Kit. This kit streamlines the integration of autonomous vehicle (AV) components, drawing from the system architecture established with the DriveMod Stockchaser. Whether installed directly on the manufacturing line or retrofitted onto existing tuggers, the DriveMod Kit ensures an efficient deployment process, enabling customers to quickly benefit from Cyngn's cutting-edge autonomous technology.

Underpinning the DriveMod Tugger's exceptional performance is an AC Powertrain featuring a maintenance-free brushless electric motor. This design delivers precise motor control, enhanced maximum speeds, and improved torque at lower speeds. Furthermore, Cyngn is introducing an automatic unhitching feature, eliminating the need for human intervention when releasing towed carts. This innovation responds to insights from customers, addressing operational bottlenecks and inefficiencies associated with manual cargo handling that results in decreased throughput and labor inefficiencies.

Lior Tal, chief executive officer of Cyngn, emphasized the significance of this milestone, saying, "Our partnership with Motrec signifies a pivotal moment in our journey to revolutionize industrial automation. We are collaborating with industry leaders such as Ouster and Nvidia to enhance user experiences and infuse industrial operations with valuable data. Our sustainable autonomous solutions aim to improve goods transportation cost-effectively and safely. This partnership with Motrec builds upon the trusted reputation of both companies while incorporating Cyngn's state-of-the-art autonomous vehicle technology."

"Motrec has always focused on innovation without losing sight of the customer's primary concerns: long-term reliability, no-fuss maintenance, and safe and easy operation. We are very proud of the

autonomous journey we're embarking on with Cyngn and look forward to making these self-driving vehicles available to our customers," said Benoit Gagner, Director of Technical Services at Motrec.

About Cyngn

Cyngn develops and deploys scalable, differentiated autonomous vehicle technology for industrial organizations. Cyngn's self-driving solutions allow existing workforces to increase productivity and efficiency. The Company addresses significant challenges facing industrial organizations today, such as labor shortages, costly safety incidents, and increased consumer demand for eCommerce.

Cyngn's DriveMod Kit can be installed on new industrial vehicles at end of line or via retrofit, empowering customers to seamlessly adopt self-driving technology into their operations without high upfront costs or the need to completely replace existing vehicle investments.

Cyngn's flagship product, its Enterprise Autonomy Suite, includes DriveMod (autonomous vehicle system), Cyngn Insight (customer-facing suite of AV fleet management, teleoperation, and analytics tools), and Cyngn Evolve (internal toolkit that enables Cyngn to leverage data from the field for artificial intelligence, simulation, and modeling).

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