# CYNGN

## DRIVEMOD TUGGER
## AUTONOMOUS MATERIAL HANDLING FOR INDOORS AND OUT.

**Cyngn has partnered with Motrec, a trusted industrial vehicle manufacturer, to integrate DriveMod into their tuggers, transforming them into intelligent self-driving robots. With its all-steel unibody construction chassis and dual-tire front fork, it boasts ruggedness, stability, and agility.**

Deploy a fully autonomous tugger train to automate repetitive hauling, drive your manufacturing forward, and get more done per shift with our robust and reliable self-driving tuggers.

Plus, they never take a vacation, damage inventory, or call in sick.

Autonomously **haul and tow thousands of pounds of goods** — indoors or out.

Can be **remotely managed and monitored** via the FMS or on-vehicle display.

Safely navigate sites **without the need for special infrastructure.**

Leverage multiple, **redundant, and intelligent layers of safety.**

Execute missions based on a variety of **flexible, programmable skills** — including "auto-unhitch".

Can **easily switch into manual mode** and let a human driver take over.

### KEY BENEFITS:

⊘ **4X MORE PRODUCTIVE** than a forklift.

⊘ **75% CHEAPER** than a forklift driver.

⊘ **33% MORE EFFICIENT** than a pallet jack.

⊘ **360° PERCEPTION** and multiple safety redundancies prevent accidents and keep people safe.

# ABOUT THE DRIVEMOD TUGGER



**Dual-Mode Operation**
Humans can still drive the vehicle whenever they need to.

**On-Vehicle Displays**
Control the vehicle via intuitive touchscreens.

**DriveMod Kit**
DriveMod Kit is a package of sensors, compute, and wiring that enables self-driving operation.

**Multi-Sensor System, Redundant Safety**
Multiple sensors enable advanced navigation and centimeter location accuracy, including independent Virtual Bumper system for B56.5 safety and redundancy.

**Auto-Unhitch**
Tow a variety of trailers that can handle up to 12,000 lbs, and automatically drop off cargo.

**DriveMod**
DriveMod evaluates thousands of candidate paths every second, detects hundreds of objects in real-time, and instructs the vehicle to navigate the optimal path.

# 360° AWARENESS TO KEEP YOUR PEOPLE SAFE

By deploying Cyngn's autonomous vehicles, your organization can elevate its safety standards to new heights. Unlike most other AMR providers, Cyngn uses returns from multiple sensors, including a 3D lidar, each with different computer vision methodologies. Together, these technologies enable advanced autonomy solutions with multi-level, redundant safety systems.

# DRIVEMOD GIVES YOU EAGLE-EYE VISIBILITY

Cyngn Insight, our Fleet Management System (FMS), gives you control of your DriveMod fleet and total visibility into its performance. With just a few taps, you can also deploy missions directly from the vehicle's touchscreen. It's so simple and straightforward to operate, we can train your whole team before lunch.



Studies show it can be up to
## 50% MORE EXPENSIVE
to delay your investment in industrial automation