

Say Goodbye to Manual Transport and Hello to the DriveMod Tugger.

Cyngn's partnered with Motrec to transform their Tugger into an autonomous vehicle that can drive itself. Our DriveMod Tugger enables you to automate hauling workflows like transferring goods and delivering supplies.

The age of automation is here, all built on vehicles you already trust.



Safely navigate sites without the need for special infrastructure.



Autonomously haul and tow 12,000 pounds of goods.



Switch between autonomous and manual modes to let a human driver take over.



Maintain existing rules of the road and safety protocols. The DriveMod Fleet follows them too.



Batch execute missions based on a variety of flexible, customizable options.



Collect real-time performance metrics to reveal opportunities for optimization.



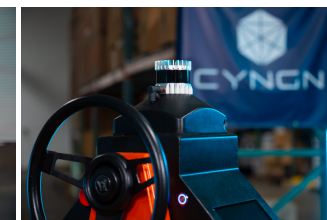
64%

Reduction in human labor costs when using the DriveMod Fleet vs. a forklift.



360°

Perception and multiple safety redundancies prevent accidents and keep people safe.

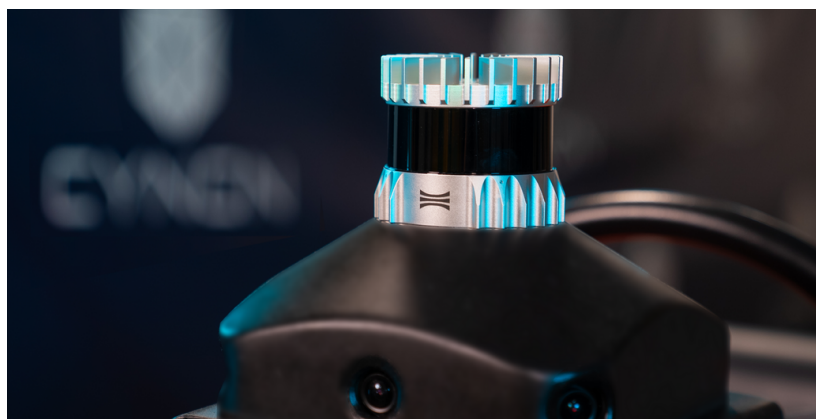


"The bottom line is DriveMod has made us more productive. Instead of manually moving goods around the warehouse, our team can stay focused on other high-value assignments."

— Kenn Morris | Vice President GLF

Technical Specs: Motrec MT-160

Vehicle Information		Chassis	
Dimensions	65" L x 30" W x 55" H	Body	All-steel unibody construction
Deck Dimensions	18" L x 30" W	Steering	Automotive steering wheel
Weight	1,250 ± 100 lbs depending on options	Brakes	Self-adjusting H.D. drum brake, regenerative braking, electromagnetic parking brake
		Wheels	4.8x8 LRC pneumatic tires
Performance		Energy System	
Autonomous Speed (Max)	4.5 mph	Battery Voltage	48V
Manual Speed (Max)	6 mph	Battery Runtime*	8 hours
Towing Capacity (Max)	12,000 lbs.	Charge Time (Lithium)	2.5-4 hrs.
Load Capacity (Max)	500 lbs.	Charge Time (Standard)	8-10 hrs.
Turning Radius	57"	<i>*Runtimes are based on manufacturer recommendations. Times may vary based on speed and load weight</i>	
Minimum Aisle Width	55"		
Safety Features		Sensor Suite	
Emergency Stop		360° 3D LiDAR	
Virtual Bumper (collision avoidance system)		RGB Camera	
LED Visual Communication System		TOF Camera	
Audio Cues			
Automation Interface		Connectivity	
Human-Machine Interface		802.11 Wifi	
		Ethernet Port for Data Offload	
Additional Features			
Auto-Unhitch Capability			
Lithium-Ion Battery			
Blue Spotlight			



Technical Specs: Motrec MT-340

Vehicle Information		Chassis	
Dimensions	65" L x 30" W x 55" H	Body	All-steel unibody construction
Deck Dimensions	18" L x 30" W	Steering	Automotive steering wheel
Weight	1,250 ± 100 lbs depending on options	Brakes	Self-adjusting H.D. drum brake, regenerative braking, electromagnetic parking brake
		Wheels	4.8x8 LRC pneumatic tires
Performance		Energy System	
Autonomous Speed (Max)	4.5 mph	Battery Voltage	48V
Manual Speed (Max)	6 mph	Battery Runtime*	8 hours
Towing Capacity (Max)	12,000 lbs.	Charge Time (Lithium)	2.5-4 hrs.
Load Capacity (Max)	500 lbs.	Charge Time (Standard)	8-10 hrs.
Turning Radius	57"	<i>*Runtimes are based on manufacturer recommendations. Times may vary based on speed and load weight</i>	
Minimum Aisle Width	55"		
Safety Features		Sensor Suite	
Emergency Stop	Virtual Bumper (collision avoidance system) LED Visual Communication System Audio Cues	360° 3D LiDAR	
		RGB Camera	
		TOF Camera	
Automation Interface		Connectivity	
Human-Machine Interface		802.11 Wifi	
		Ethernet Port for Data Offload	
Additional Features			
Auto-Unhitch Capability			
Lithium-Ion Battery			
Blue Spotlight			

