

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

CynGN's partnered with Columbia Vehicle Group to transform their Stockchaser into an autonomous vehicle that can drive itself. Our DriveMod Stockchaser handles the heavy towing, automatically delivering materials to the right place.

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 6,000 pounds of goods.



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



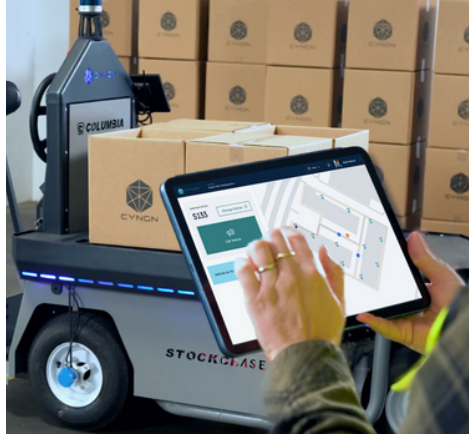
Maintain existing rules of the road and safety protocols. The DriveMod Fleet follows them too.



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



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



360°

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



33%

Increase in efficiency when using the DriveMod Stockchaser vs. a pallet jack.



"CynGN unlocks the potential for us to increase throughput and decrease time to market from the manufacturing floor. We're excited for increased profitability and to get to market faster than competitors."

— Joseph Peterson | GM & Plant Manager at Flambeau

Technical Specs: DriveMod Stockchaser

Vehicle Information		Chassis	
Dimensions	86.5" L x 35" W x 59.5" H	Frame	Heavy-duty steel w/ 14-gauge structural steel smooth body
Weight	1200 lbs.	Steering	Dual front fork, direct link mechanical
Ground Clearance	3.5"	Brakes	Dual mechanical rear drum, auto engaged upon dismount
		Tires	4.80" x 8", Pneumatic, 4-ply rated
Performance		Energy System	
Autonomous Speed (Max)	2.7 mph	Operating Voltage	80 V
Manual Speed (Max)	8.5 mph	Recommended Runtime*	~8 hrs.
Towing Capacity	6,000 lbs.	Charge Time	10-12 hrs. from 10%
Deck Load Capacity (Max)	1,000 lbs.		
Turning Radius (without trailer)	55" intersecting 133" curb-to-curb		
Minimum Aisle Width	71"		
		<i>*Runtimes are based on manufacturer recommendations. Times may vary based on speed and load weight</i>	
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	

