



CYNGN

DRIVEMOD TUGGER

Technical Specs: Autonomous
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 solid, non-marking
Performance		Energy System	
Autonomous Speed (Max)	4 mph	Battery Type	12.4 kWh Lithium-ion
Manual Speed (Max)	6 mph	Battery Voltage	48V
Towing Capacity (Max)	12,000 lbs.	Runtime	up to 12 hours
Load Capacity (Max)	500 lbs.	Charge Time	5 hrs.
Turning Radius	53"	*Runtimes are based on manufacturer recommendations. Times may vary based on speed, load weight, and usage.	
Minimum Aisle Width	59"		
Slope (Max)	2.5%		
Safety Features		Sensor Suite	
Emergency Stop Buttons		360° 3D LiDAR	
Virtual Bumper		2D Safety LiDAR	
LED Visual Communication System		Inertial Measurement Unit	
Programmable Audio Cues (Honks, Beeps)		High-Accuracy Wheel Encoders	
Automation Interfaces		Connectivity	
Two On-Vehicle Touch Screens		Wifi 5 (802.11 ac)	
Web-based Fleet Management Software		Optional LTE Modem	
Optional Features			
Auto-Unhitch Attachment			
Blue Safety Light			

