

TECHNICAL SPECS: MOTREC MT-160 TUGGER

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 Type	12.4 kWh Lithium-ion
Manual Speed (Max)	6 mph	Battery Voltage	48V
Towing Capacity (Max)	12,000 lbs.	Runtime	12-16 hrs.
Load Capacity (Max)	500 lbs.	Charge Time	2.5-4 hrs.
Turning Radius	57"	<i>*Runtimes are based on manufacturer recommendations. Times may vary based on speed, load weight, and usage.</i>	
Minimum Aisle Width	55"		
Slope (Max)	3°		
Safety Features		Sensor Suite	
Emergency Stop		360° 3D LiDAR	
Virtual Bumper (collision avoidance system)		RGB Camera	
LED Visual Communication System		TOF Camera	
Horn Honks, Beeps & Other Audio Cues			
Automation Interface		Connectivity	
Human-Machine Interface		802.11 Wifi	
		Ethernet Port for Data Offload	
Additional Features			
Auto-Unhitch Capability			
Blue Spotlight			

