



T137 PRO

AC Electric Tow Tractor



The Charlotte Model T137 PRO Tow Tractor is the latest design of our best-selling T137 model line of tractors. A self-propelled battery powered electric support vehicle designed to tow a variety of material handling carts and dollies. Power for the main drive is supplied by a 40 hp (30 kw) high efficiency/low maintenance AC motor which is coupled directly to the rear axle. The unit has excellent visibility and has a maximum speed of 18 mph (29 km/h) when empty. Standard Drawbar capacity is 4,000 lbs. (1814 kg) with an option for additional capacity up to 4,500 lbs.

Options include: Complete cab assembly with heater/defroster, mirrors, wiper, and vinyl doors, and power assisted master cylinder, and automatic parking brake (multi-disc).

STANDARD FEATURES

- Trusted Design With Improvements
- New Electronics PC Boards For Easier Maintenance
- All-Steel Dash For More Durable Operator Environment
- More Powerful Hydraulic Braking With Re-designed Brake Pedal
- Redesigned Suspension For Better Comfort Ride
- Power Steering by AC Pump and Hydraulic Accumulator Provides Quiet Operation
- Highly Maneuverable
- Inching Device

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TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America
Model	Manufacturer's Designation		T137 PRO
Energy Source	Battery	Volts	80
Battery Types	Flooded Lead Acid or Lithium Batteries Available		
Controller	Manufacturer		Curtis
	Model		1238
	80 Volt AC MOSFET controller with CAN buss and serial communication		
Motor	Manufacturer		ABM
	Rating @ 80 Volts	hp / kw	40.0 / 30.0
	Rating Speed	rpm	1400
Dimensions	Length w/Hitch Extension	in / mm	124.6 / 3164
	Length w/o Hitch Extension	in / mm	121.5 / 3085
	Width	in / mm	53.5 / 1360
	Height with Cab	in / mm	72.5 / 1842
	Height w/o Cab	in / mm	48.4 / 1230
	Sitting Height	in / mm	30.3 / 770
	Outside Turning Radius	in / mm	133.4 / 3390
Performance	Speed Empty	mph / km/h	18.0 / 29.0
	Rated Tractive Effort w/Std. Battery	lb / kg	4000 / 1814
	Total Weight w/Std. Battery	lb / kg	8598 / 3900
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Wheels Front/Rear		Heavy Duty Split Ring
	Tires Front		6.50 - 10
	Tires Rear		7.00 - 12
	Wheel Base C/L	in / mm	60.6 / 1540
	Track Width C/L Front/Rear	in / mm	44.8/1140-44.3/1125
	Ground Clearance	in / mm	5.9 / 150
	Service Brakes	Front	Disc
		Rear	Disc (Standard) Drum (Optional)
	Parking Brake		Manual - Rear Brakes Hydraulic (Optional)
	Suspension	Front	Leaf Springs / Stops
		Rear	Leaf Springs
Drive Axle	Motor Direct Coupled To Axle		Yes
	Reduction In Differential		Yes
	Reduction		17.45:1

These descriptions are given as an indication only and do not represent a commitment



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