



The **Charlotte** Model T-135 Tow Tractor is 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 25 hp (18.5 kw) DC motor which is coupled directly to the rear axle. The unit has excellent visibility and has a maximum speed of 16 mph (25 km/h) when empty. Drawbar capacity is 3500 lb (1588 kg). Options include: Complete cab assembly with heater, defroster, mirrors, wiper, and vinyl doors, Various hitch configurations, Back up alarm, and additional lights.

DESIGN, PERFORMANCE, RELIABILITY, SAFETY, ENDURANCE AND PRODUCT SUPPORT MAKE OUR PRODUCTS FAMOUS WORLDWIDE

Standard Features Include:

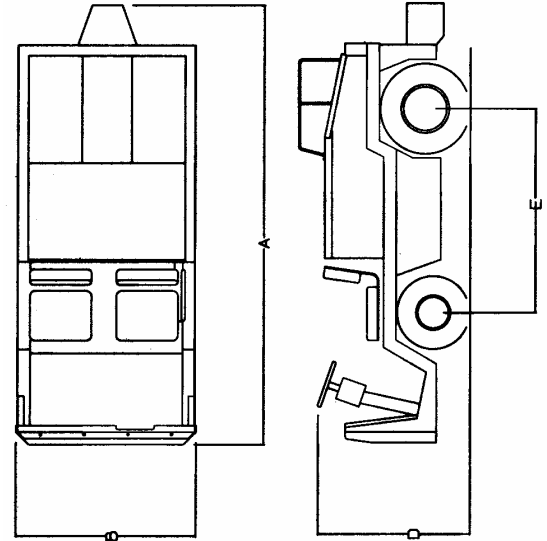
- Rugged Design
- Highly Maneuverable – 117" Turning Radius
- Split Braking System
- Power Steering
- Inching Device
- Sevcon MOSFET Controller w/Regen Braking
- Baggage Rack
- Front Bumper and Side Rails

T-135

TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America
Model	Manufacturer's Designation		T-135
Energy Source	Battery	Volts	80
Battery Capacity	Ampere Hour Range	AH	450 / 600
Battery Weight	Maximum	lb / kg	3327 / 1512
	Minimum	lb / kg	2556 / 1162
Controller	Manufacturer		Sevcon
	Model		PP x86 Powerpack
	Built in Diagnostics		Yes
	(Troubleshooting With External Diagnostic Tools or Handsets)		Yes
	Rating One. Min. (Current Limit)	Amperes	600
	Rating Continuous	Amperes	175
	Regen Braking	Amperes	Yes 500
	Forward/Rev Contactor Rating	Amperes	250 Continuous
Motor	Manufacturer		Leroy Somer
	Model		T25G
	Rating @ 80 Volts	hp / kw	24.8 / 18.5
	Rating Speed	rpm	1450
	Efficiency	%	90.3
Dimensions	Length w/Hitch Extension (A)	in / mm	124.6 / 3164
	Length w/o Hitch Extension	in / mm	121.7 / 3090
	Width (B)	in / mm	52.0 / 1320
	Height with Cab (C)	in / mm	69.5 / 1765
	Height w/o Cab (D)	in / mm	48.4 / 1230
	Sitting Height	in / mm	30.3 / 770
	Outside Turning Radius	in / mm	117.1 / 2975
Performance	Speed Empty	mph / km/h	15.6 / 25.0
	Speed w/10,000# Load	mph / km/h	12.4 / 20.0
	Rated Tractive Effort w/3320# Battery	lb / kg	3372 / 1530
	Wt. Front/Rear w/3320# Battery	lb / kg	2877/1308-3973/1808
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Wheels Front/Rear		Heavy Duty Split Ring
	Tires Front		6.00R X 9
	Tires Rear		7.00R X 12
	Wheel Base C/L (E)	in / mm	58.7 / 1490
	Track Width C/L Front/Rear	in / mm	43.3/1100-42.1/1070
	Ground Clearance	in / mm	5.9 / 150
	Service Brake Front/Rear		Disc/Drum
	Parking Brake		Rear Drum
	Suspension	Front	Leaf Springs
		Rear	Leaf Springs
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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