



The **Charlatte** Model T-135 AC 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 20 hp (15 kw) AC motor which is coupled directly to the rear axle. The unit has excellent visibility and has a maximum speed of 15.5 mph (25 km/h) when empty. Drawbar capacity is 3500 lb (1500 daN). Options include: Complete cab assembly with heater, defroster, mirrors, wiper, and vinyl doors, Various hitch configurations, Back up alarm, and additional lights.

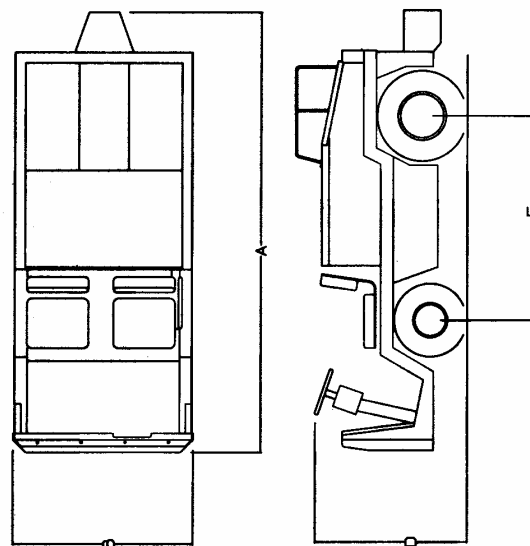
Standard Features Include:

- Rugged Design
- Highly Maneuverable – 117” Turning Radius
- Split Braking System
- Power Steering by Hydraulic Accumulator Provides Quiet Operation
- High Efficiency Low Maintenance AC Tram Motor
- Sevcon Controller w/Regen Braking
- Solid State Electronics
- No Contactors
- Inching Device

T-135 AC

TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America	
Model	Manufacturer's Designation		T-135 AC	
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		PowerpAC	
	Built in Diagnostics		Yes	
	(Troubleshooting With External Diagnostic Tools or Handsets)		Yes	
Motor	Manufacturer		Leroy Somer	
	Model		T25G	
	Rating @ 80 Volts	hp / kw	20.0 / 15.0	
	Rating Speed	rpm	1400	
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 (Bendix)	
	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	



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