

# CT5E

## AC Cargo Tractor



The Charlotte Model CT5E Cargo 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 30 hp (22 kw) hi-torque AC motor which is coupled directly to the rear axle. The unit has excellent visibility and has a maximum speed of 15 mph (24 km/h) when empty. Maximum drawbar capacity is 5000 lb (2267 kg). Options include: Complete cab assembly with heater, defroster, mirrors, wiper, and vinyl doors, Various hitch configurations, Back up alarm, and additional lights.

### STANDARD FEATURES

- Rugged Design
- Highly Maneuverable – 125" Turning Radius
- Power Braking System
- Power Steering by Hydraulic Accumulator Provides Quiet Operation
- Hi-Torque Low Maintenance AC Drive Motor

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## TECHNICAL CHARACTERISTICS

<b>Manufacturer</b>	Manufacturer		Charlotte of America
<b>Model</b>	Manufacturer's Designation		<b>CT5E</b>
<b>Energy Source</b>	Battery	Volts	80
<b>Battery Capacity</b>	Ampere Hour Range (Max)	AH	625
<b>Controller</b>	Manufacturer		Curtis
	Model		1238
	80 Volt AC MOSFET controller with CAN buss and serial communication		
<b>Motor</b>	Type		AC Hi-Torque
	Rating @ 80 Volts	hp / kw	30 / 22
	Rating Speed	rpm	1400
<b>Dimensions</b>	Length	in / mm	116 / 2946
	Width	in / mm	54 / 1372
	Height with Cab	in / mm	78 / 1981
	Height w/o Cab	in / mm	57 / 1448
	Sitting Height	in / mm	36 / 914
	Outside Turning Radius	in / mm	125 / 3175
<b>Performance</b>	Speed Empty	mph / km/h	15 / 24
	Max. Rated Tractive Effort	lb / kg	5000 / 2267
	Wt. Front/Rear w/4000# Battery	lb / kg	3806/1726-5018/2276
<b>Chassis</b>	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Wheels Front/Rear		Heavy Duty Split Ring Or Heavy Duty Two-Piece
	Tires Front		6.00R X 10
	Tires Rear		7.00R X 12
	Wheel Base C/L (E)	in / mm	77 / 1955
	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
<b>Axle</b>	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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