

CT5E

AC Cargo Tractor



The Charlatte 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.

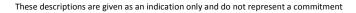
STANDARD FEATURES

- 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

CT5E

TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlatte of America
Model	Manufacturer's Designation		CT5E
Energy Source	Battery	Volts	80
Battery Capacity	Ampere Hour Range (Max)	AH	625
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Controller	Manufacturer		Curtis
	Model		1238
	80 Volt AC MOSFET controller with CAN buss and serial communication		
Motor	Туре		AC Hi-Torque
	Rating @ 80 Volts	hp / kw	30 / 22
	Rating Speed	rpm	1400
Dimensions	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
Performance	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
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
			Heavy Duty Split Ring
	Wheels Front/Rear		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
Axle	Motor Direct Coupled To Axle		Yes
	Reduction In Differential		Yes
	Reduction		17.45:1









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