

TE.208

Electric Tow Tractor



The Charlotte Model TE.208 baggage/tow tractor is a battery powered four wheel towing vehicle and has been utilized in many sectors of industry including airline, automotive, railway, and hospitals. The vehicle size provides a superior alternative to a full-size baggage tractor for those operations that don't require one. The unit is a compact highly maneuverable vehicle, which allows easy access to the operators compartment with good front and rear visibility. A low center of gravity provides excellent stability.

The unit is capable of a top running speed of 9 mph (14.4 km/h) when empty with a drawbar pull of over 1100 lbs. (499 kg). Options include tilting operators cab, onboard charger and monobloc batteries.

STANDARD FEATURES

- Robust chassis design
- Hydraulic braking system with regen braking
- Hydraulic power steering available
- Very low center of gravity
- Motor directly coupled to rear axle eliminating drive line
- Excellent steering radius allowing a complete turn within 96 inches (243.8 cm)
- Adjustable over-center park brake lever

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TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America
Model	Manufacturer's Designation		TE.208
Capacity	Rated Load	Ton	8
Energy Source	Battery	Volts	48V
Battery Capacity	Industrial Battery	AH	325-425
Controller	Manufacturer		Curtis
	Model		1234
Traction Motor	Type		AC Electric
	Rating	Hp / kw	10.7 / 8.0
Dimensions	Length With Tow Hitch	in / mm	79.7 / 2025
	Width	in / mm	40.6 / 1030
	Height	in / mm	52.0 / 1320
	Sitting Height	in / mm	37.0 / 940
	Inside Turning Radius (min)	in / mm	51.2 / 1300
Performance	Speed Max (Empty On Level)	mph / km/h	8.7 / 14.0
	Tractive Effort (Max)	lbf / daN	1124 / 500
	Admissible Gradient	%	3
Chassis	Frame Mfg. W/Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Wheels Front/Rear		Pneumatic or Solid
	Tires Front		4.00 - 9
	Tires Rear		4.00 - 9
	Wheel Base C/L	in / mm	47.6 / 1210
	Ground Clearance	in / mm	3.5 / 90
	Service Brake		Hydraulic
	Brakes, Front		Disc
	Brakes, Rear		Drum
	Parking Brake		Over center w/handle
	Suspension	Front	Rubber Block
		Rear	Leafsprings
	Gross Weight	lb / kg	3086 / 1400
Axle	Manufacturer		Charlotte
	Motor Direct Coupled To Axle		Yes
	Reduction In Differential		Yes

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



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