



PE80

48V Electric Flatbed Tractor



Charlotte Model PE80 Tractor provides the capabilities of a flatbed tractor in a compact chassis with the convenience of 48V electronics. It incorporates an 1800 lb. capacity rear platform with a 10 hp (8 kw) AC motor for towing purposes. The unit has a maximum speed of 15 mph (25 km/h).

Options include: Complete cab assembly with heater/ defroster, mirrors, wiper, vinyl or hinged steel doors, inching devices at front/rear, various charging plugs including on-board. The bed configurations include box, side rails and curtains.

STANDARD FEATURES

- Rugged Steel Design
- Compact Form Factor
- Highly Maneuverable – 137” (3500 mm) Turning Radius
- 25 Mile (40 km) Range
- Power Steering
- High Efficiency Low Maintenance AC Tram Motor

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TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America
Model	Manufacturer's Designation		PE80
Energy Source	Battery	Volts	48
Battery Capacity	Ampere Hour (Nominal Capacity)	AH	360
Controller	Manufacturer		Curtis
	Model		1234
	48 Volt AC MOSFET controller with CAN buss and serial communication		
Motor	Type		AC Electric
	Rating	hp / kw	10.7 / 8.0
Dimensions	Overall Length	in / mm	138.9 / 3530
	Overall Width	in / mm	59.1 / 1350
	Overall Height	in / mm	78.8 / 2000
	Seating Height	in / mm	32.3 / 820
Rear Platform	Length	in / mm	66.5 / 1690
	Width	in / mm	46.5 / 1180
	Loading Height	in / mm	27.6 / 700
	Capacity (Max Load)	lb / kg	1800 / 800
Performance	Speed Empty (Standard)	mph / km/h	15.6 / 25.0
	Gross Weight	lb / kg	4320 / 1960
	Tractive Effort (Drawbar)	lbf / N	800 / 3600
	Towing Capability	lb / kg	16000 / 7250
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Ground Clearance	in / mm	10.2 / 260
	Service Brake Front/Rear		Disc/Disc
	Parking Brake		Electric
	Suspension	Front	Leaf Springs
	Rear	Leaf Springs	
Axle	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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