



CHARLATTE
A M E R I C A
FAYAT GROUP

CPB35E

Electric Pushback Tractor



STANDARD FEATURES

- Recessed Headlights
- Wet Disc Brakes with Independent Split System
- Hydraulic Power Steering
- Non slip surface on floor boards and pedals

Charlotte Model CPB35E Series heavy-duty push out tractor is a self-propelled support vehicle suitable for pushout operations on aircraft ranging from 737s to 757s. Power for the main drive is supplied by two 35 hp (26 kw) AC motors. The unit utilizes four-wheel drive and has excellent visibility with a maximum speed of 7 mph (11.3 km/h) when empty. Drawbar capacity is 24,000 lb (10,880 kg).

CPB35E

TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America	
Model	Manufacturer's Designation		CPB35E	
Energy Source	Battery (x 2)	Volts	80	
Battery Capacity	Ampere Hour Range	AH	500	
Battery Weight	Maximum	lb / kg	4000.0 / 1814.4	
Controller	Manufacturer		Curtis	
	Model		1238 - 2 X 80V Dual AC System	
Motor (X 2)	Manufacturer		Schabmuller	
	Model		TSA300BB	
	Rating @ 80 Volts	hp / kw	35 / 26	
Gearbox	Manufacturer		Charlotte	
	Type		One Speed	
Dimensions	Length w/o Hitch Extension	in / mm	197.0 / 5003.8	
	Width	in / mm	92.0 / 2336.8	
	Height with Cab	in / mm	73.0 / 1854.2	
	Height w/o Cab	in / mm	52.0 / 1320.8	
	Minimum Ground Clearance	in / mm	9.0 / 228.6	
	Outside Turning Radius	in / mm	252 / 6400.8	
Performance	Speed Empty (High Gear)	mph / km/h	7.0 / 11.2	
	Speed Empty (Low Gear)	mph / km/h	5.0 / 8.0	
	Speed w / 250,000 # Load	mph / km/h	3.0 / 4.8	
	Rated Tractive Effort	lb / kg	24000 / 10880	
	Weight Front w / (2) 4,000 # Batteries	lb / kg	20000 / 9071.9	
	Weight Rear w / (2) 4,000 # Batteries	lb / kg	20000 / 9071.9	
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes	
	Auto Design Wiring Harness		Yes	
	Wheels Front/Rear		Tubeless One Piece	
	Tires Front / Rear		315 / 80R 22.5	
	Wheel Base C/L	in / mm	95.0 / 2413.0	
	Service Brake Front/Rear		Wet Disc	
	Parking Brake		Spring Loaded Disc	
	Suspension	Front		Forward Solid Mount
		Rear		Rear Trunion
Front Axle	Manufacturer		Dana	
	Model		276 drive & steer	
Rear Axle	Manufacturer		Dana	
	Model		176 drive	

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



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