



Standard Features Include:

- 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

<b>Manufacturer</b>	Manufacturer		Charlatte of America
<b>Model</b>	Manufacturer's Designation		CPB35E
<b>Energy Source</b>	Battery (x 2)	Volts	80
<b>Battery Capacity</b>	Ampere Hour Range	AH	600
<b>Battery Weight</b>	Maximum	lb / kg	4000.0 / 1814.4
<b>Controller</b>	Manufacturer		Curtis
	Model		1238 - 2 X 80V Dual AC System
<b>Motor (X 2)</b>	Manufacturer		Schabmuller
	Model		TSA300BB
	Rating @ 80 Volts	hp / kw	35 / 26
<b>Gearbox</b>	Manufacturer		Durst
	Type		2 Speed (High-Low)
<b>Dimensions</b>	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
<b>Performance</b>	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
<b>Chassis</b>	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
<b>Front Axle</b>	Manufacturer		Dana
	Model		276 drive & steer
<b>Rear Axle</b>	Manufacturer		Dana
	Model		176 drive

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



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