



**Charlatte Model CFB2000 – Flatbed Tow Tractor** is designed for interline and last minute baggage transfers. It incorporates a 2-ton capacity (101” (2580 mm) X 59” (1500 mm)) rear platform which also reduces baggage cart requirements. Power for the main drive is supplied by a 40 hp (30 kw) AC motor and the standard unit has a maximum speed of 15 mph (25 km/h). A high-speed unit is also available with a maximum speed of 21 mph (34 km/h) Options include: Complete cab assembly with heater, defroster, mirrors, wiper, vinyl doors or hinged steel doors, rear canopy with lights, inching device, and backup alarm.

**Standard Features Include:**

- Rugged Design
- Highly Maneuverable – 147” (3.75m) Turning Radius
- Power Steering
- 2 Ton Capacity Rear Platform
- Power Steering by Hydraulic Accumulator Provides Quiet Operation
- High Efficiency Low Maintenance AC Tram Motor
- Inching Device

# CFB2000

## TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America	
Model	Manufacturer's Designation		CFB2000	
Energy Source	Battery	Volts	72 or 80	
Battery Capacity	Ampere Hour Range	AH	600	
Battery Weight	Maximum	lb / kg	3327 / 1512	
	Minimum	lb / kg	2556 / 1162	
Controller	Manufacturer		Zapi, Inc.	
	Model		AC4	
	80 Volt AC MOSFET controller with CAN buss and serial communication			
	Manufacturer		Ballard	
Motor	Model		Ecostar	
	80 Volt AC MOSFET controller with CAN buss and serial communication			
	Manufacturer		Leroy Somer	
	Rating @ 80 Volts	hp / kw	40.0 / 30.0	
	Rating Speed	rpm	1400	
Dimensions	Overall Length	in / mm	157.48 / 4000	
	Overall Width	in / mm	59.1 / 1500	
	Overall Height	in / mm	70.3 / 1785	
Rear Platform	Length	in / mm	101.6 / 2580	
	Width	in / mm	59.1 / 1500	
	Loading Height	in / mm	30.1 / 765	
	Side Wall Height	in / mm	5.9 / 150	
	Capacity	lb / kg	4409 / 2000	
Performance	Speed Empty (Standard)	mph / km/h	15.6 / 25.0	
	Speed Empty (High-Speed)	mph / km/h	21.0 / 33.8	
	Gross Weight	lb / kg	12897 / 5850	
	Towing Capability (5% Slope)	lb / kg	17637 / 8000	
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes	
	Auto Design Wiring Harness		Yes	
	Wheels Front/Rear		Heavy Duty Split Ring	
	Tires Front		6.00R X 9	
	Tires Rear		7.00R X 12	
	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 (Standard)			17.45:1	
Reduction (High-Speed)			10.0:1	

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



**CHARLOTTE**  
**G S E**  
FAYAT GROUP

### Charlotte America

P.O. Box 968  
600 Mountain Lane  
Bluefield, VA 24605  
Phone: (276) 326-1510  
Fax: (276) 326-1602  
e-mail: [equipmentsales@charlatteus.com](mailto:equipmentsales@charlatteus.com)

### Charlotte France

Z.I. – Route du Boutoir  
89210 Brienon sur Armancon (France)  
Phone: (33) 386 43 01 30  
Fax: (33) 386 43 04 66  
e-mail: [contact@charlattemanutention.fayat.com](mailto:contact@charlattemanutention.fayat.com)

### Charlotte United Kingdom

LSUK Building  
Spindle Way  
RH10 1TG Crawley West Sussex  
United Kingdom  
Phone: (44) 01 293 529 640  
e-mail: [ukparts@charlattemanutention.fayat.com](mailto:ukparts@charlattemanutention.fayat.com)