



Charlotte Model DC3 universal chassis is an internal combustion support vehicle whose modular frame design allows the vehicle to be customized and used as a lavatory servicing truck, passenger stairs, hi-lift catering van, hi-lift cleaning van or hi-lift maintenance platform. The unit is capable of a top running speed of 25 mph (40.2 km/h). Power for the main drive is supplied by an internal combustion engine (Standard Deutz 1011) with an automatic transmission (Standard Ford C6). Electric drive is also available. Available with a single or dual passenger cab with wipers, heater, defroster, and dome light.

Standard Features Include:

- **Hydraulic Assisted Braking**
- **Hydrostatic Steering**
- **Hydraulic Take Off**
- **Variable Length Wheelbase**
- **Left or Right Hand Drive Available**

DC3

TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlatte of America
Model	Manufacturer's Designation		DC3
Engine	Manufacturer	Diesel	DEUTZ
	Model		F4M1011F
	Power	hp / kw	64.5 / 47
	Rating	rpm	3000
	Other Engine Options Available – Customer Specified		
Transmission	Manufacturer		Ford
	Model		C6 2 or 3 Speed Auto
			1-Speed Reverse w/cooler
Dimensions	Length (Variable)	in / mm	Variable
	Width	in / mm	87 / 2210
	Height w/Cab	in / mm	74 / 1880
	Height – Top Frame Rail	in / mm	25 / 635
Performance	Max. Speed (Diesel)	mph / km/h	25 / 40.2
	Max. Speed (Electric)	mph / km/h	18 / 28.9
	Front Axle Rating	lb / kg	8500 / 3856
	Rear Axle Rating	lb / kg	13000 / 5897
Chassis	Tires Front/Rear		235/75-17.5 18 ply
	Tires Load Rating	lb / kg	6500 / 2948
	Wheel Base C/L (E)	in / mm	101-120 / 2565-3048
	Track Width C/L Front / Rear	in / mm	77 / 1956
Brakes	Service Brakes Front		Disc
	Service Brakes Rear		Wet Disc
	Parking Brake	Drum Type	Output Of Transmission
	Park Brake Handle		Orschlin
Drive Axle	Manufacturer		New Age
	Model		PT 415 PB 09C211
	Suspension Rear		Leaf Springs
Front Axle	Manufacturer		Palliard
	Suspension Front		Tapered Leaf Springs
Fuel Tank	Capacity	Gal / Lit	25 / 95
	Provided with protectoseal cap. Fuel tank can be mounted on the right side or at the rear of the unit dependent on application.		
Hydraulic Tank	Capacity	Gal / Lit	16 / 60.5

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



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