



Charlotte Model CPB35D 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 a 88 hp (65.6 kw) Deutz diesel engine. The unit utilizes a powershift transmission with four-wheel drive and optional four-wheel steering. The unit has excellent visibility and has a maximum speed of 14 mph (22.5 km/h) when empty. Drawbar capacity is 28,000 lb (12,700 kg).

Standard Features Include:

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

CPB35D

TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlatte of America
Model	Manufacturer's Designation		CPB35D
Engine	Manufacturer		Deutz
	Model		BFM 1012
	Power	hp / kw	88 / 65.6
	Rating	rpm	2500
	Manufacturer		Perkins
	Model		1004.22
	Power	hp / kw	80 / 59.6
	Rating	rpm	2000
Transmission	Manufacturer		ZF
	Model		Power Shift
			4 speeds forward
			3 speeds reverse
	Manufacturer		International Transmissions, Ltd.
	Model		PS750
			4 speeds forward
			4 speeds reverse
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	14.0 / 22.5
	Speed w / 250,000 # Load	mph / km/h	4.0 / 6.4
	Rated Tractive Effort	lb / kg	28000 / 12727.3
	Weight Front	lb / kg	20000 / 9071.9
	Weight Rear	lb / kg	20000 / 9071.9
Chassis	Frame Mfg. W/ Jigs & Fixtures		Yes
	Auto Design Wiring Harness		Yes
	Wheels Front/Rear		Heavy Duty Split Ring
	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		Hayes M90
	Suspension	Front	Forward Solid Mount
		Rear	Rear Trunion
Front Axle	Manufacturer		Dana
	Model		276 drive & steer
	Manufacturer		International Transmissions, Ltd.
	Model		SD80
Rear Axle	Manufacturer		Dana
	Model		176 drive
	Manufacturer		International Transmissions, Ltd.
	Model		PD70

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



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