



## **CBL150D**

### **Universal Diesel Beltloader**

**Charlotte** Universal Beltloader Model CBL150D is capable of servicing all types of aircraft with door sill heights ranging from 36" up to 130". The unit's size and design make it the perfect unit for regional and narrowbody operations. The unit is driven by a 3 cylinder Kubota engine powering the hydrostatic drive and hydraulic conveyor system. An electronic control module regulates the system providing a smooth automotive-style drive and three speed belt control. The engine is offset from the center of the chassis allowing the conveyor to be fully lowered, as well as easing maintenance operations.

#### **Standard Features Include:**

- **20' Conveyor Boom**
- **Front Brakes**
- **Rear Leafspring Suspension**
- **Hydraulic Power Steering**
- **Belt Controls Located At Front And Rear Of Boom**
- **Unique Rear Conveyor Height Adjustment**
- **Automatic Speed Reduction (Raised Boom) On Approach To Aircraft**

# CBL150D

## TECHNICAL CHARACTERISTICS

Manufacturer	Manufacturer		Charlotte of America	
Model	Manufacturer's Designation		CBL150D	
Engine	Manufacturer		Kubota	
	Model		D1105	
	Type		3 Cyl. Diesel	
Drive Axle	Manufacturer		Charlotte	
	Type		Hydrostatic	
Conveyor Drive	Type		Hydraulic	
Electronic Control Module	Manufacturer		HED	
	Model		CL-420	
Dimensions	Length	in / mm	246.0 / 6248	
	Width	in / mm	73.5 / 1867	
	Height (over steering wheel)	in / mm	61.0 / 1549	
	Sitting Height	in / mm	35.0 / 889	
	Outside Turning Radius (Belt)	in / mm	186.0 / 4724	
Performance	Speed Max (Lowered Boom)	mph / km/h	12 / 19	
	Speed Max (Raised Boom)	mph / km/h	0-5 / 0-8 (Adjustable)	
Chassis	Frame Mfg. W/Jigs & Fixtures		Yes	
	Auto Design Wiring Harness		Yes	
	Wheels Front/Rear		One Piece Rim	
	Tires Front		205/75R14	
	Tires Rear		205/75R14	
	Wheel Base C/L		in / mm 80.0 / 2032	
	Track Width C/L Front/Rear		in / mm 63.0 / 1600	
	Ground Clearance		in / mm 6.0 / 152	
	Service Brake		Split / Hydraulic	
	Brakes, Front		Disc	
	Parking Brake		Over center w/handle Rear Disc Brakes	
	Suspension	Front	Solid Mount	
Rear		Leafsprings		
Belt Structure	Boom Width	in / mm	31.5 / 800	
	Boom Length	in / mm	240 / 6096	
	Belt Width	in / mm	24 / 610	
	Belt Height Front Max/Min	in / mm	130/3302 – 36/914	
	Belt Height Rear Max/Min	in / mm	16/406 – 34/863	
	Belt Speed Max/Min	ft/min/MPM	100.0/30.5 – 50.0/15.2	
	Roller Spacing	in / mm		4.0 / 102 (1 <sup>st</sup> 6)
		in / mm		5.0 / 127 (others)
Power Roller Diameter	in / mm	8.0 / 203		

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



### Optional Items Include:

- Rear Lift Cylinder
- PONYA Light Configuration
- Work Lights
- Additional Handrail Configurations

**CHARLATTE**  
**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)