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BC1200XL Specs

General Dimensions and Weights		
Length - Feed Table Up, Tongue In	168"	426.7 cm
Length - Table Down, Tongue Extended	206"	523.2 cm
Width	79"	200.7 cm
Height	103"	261.6 cm
Weight - Engine Option One	5325 lbs	2415.4 kg
Weight - Engine Option Two	5300 lbs	2404 kg
Tongue Weight - Engine Option One	660 lbs	299.4 kg
Tongue Weight - Engine Option Two	660 lbs	299.4 kg
Length with Winch (Additional)	206"	523.2 cm
Weight With Winch (Additional)	5600 lbs	2540.1 kg
Sound Power	120 dB(a)	
Sound Power - Engine Option Two	120 dB(a)	
Horsepower Options	85 and 110 hp (63.38 and 82.03 hp)	

Engine Option One		
Make and Model	Cummins QSB3.3L Turbo	
Number of Cylinders	4	

Gross Horsepower (Maximum)	110 hp	82 kw
Torque (Max)	304 ft-lb	412.2 Nm
Fuel Tank Capacity	25 gal	94.6 L
Max Fuel Consumption	6.1 gph	23.1 lph
Fuel Type	Diesel	
Air Cleaner	Two stage dry with safety element	
Oil Filter	Spin on	
Recommended Oil	API CH-4/SJ	
Oil Volume with Filter	9 qt	8.5 L
Maximum Angle of Continuous Operation	30 deg	
Cooling Medium	Liquid	
Coolant Capacity (Engine and Radiator)	2.5 gal	9.5 L
Alternator	95 Amp	
Fan	20 " (50.8 cm) suction	
Clutch Type	Clutchless PTO	
Clutch Drive Engagement	Belt tensioner	

Feed System		
Feed Roller Orientation	Horizontal	
Number of Feed Rollers	2	
Feed Roller Clamp Load	2650 lbs	1202 kg
Feed Roller Clamp Type	Manual cylinder	
Feed Roller Minimum Distance to Drum	1"	2.5 cm
Feed Roller Dimension	15 " (38.1 cm)	
Number of Knives	8	

Weight of Feed Roller	150 lbs	68 kg
Feed Roller Dimension (Two)	11.14 " (28.3 cm)	
Number of Knives (2)	12	
Weight of Feed Roller (Option Two)	80 lbs	36.3 kg
Number of Feed Roller Motors	2	
Motor Manufacturer	White Hydraulics	
Feed Speed	110 ft/min	
Infeed Table Width	52"	132.1 cm
Infeed Table Length	30.1"	76.5 cm
Infeed Hopper Height	32"	81.3 cm
Infeed Throat Capacity	13.25 " x 17 " (33.65 cm x 43.18 cm)	
Pinch Point - Distance to End of Feed Table	67.4"	171.2 cm
Distance from Feed Table to Ground	27.2"	69.1 cm
Infeed Table Material Thickness	.2"	.5 cm

Safety System		
Bottom Feed Stop Bar	Standard	
Bottom Feed Stop Bar Diameter	2"	5.1 cm
Bottom Feed Stop Bar Material Thickness	11 GA	
Actuation Force (BFSB)	34 lbs	15.4 kg
Normal Sensitivity	22 deg	
Reduced Sensitivity	12 deg	
Reset Method	Dual green hold-to-run buttons	

Four Position Feed Control Bar	Standard	
Diameter	2"	5.1 cm
Material Thickness	.1"	0.3 cm
Positions	Four positions: Emergency Stop, Forward, Neutral, and Reverse	
Actuation Force	34 lbs	15.4 kg
Green Hold to Run Button	Standard	

Drum/Disc Cutting System		
Material Capacity	13.3"	33.7 cm
Width	20"	50.8 cm
Thickness	.4"	1 cm
Diameter	20"	50.8 cm
Speed	2000 rpm	
Weight With Shaft	480 lbs	217.7 kg
Safety Lock - Number of Positions	2	
Number of Knives	2	
Knife Thickness	.6"	1.6 cm
Material	A8 chipper steel	
Useable Edges	2	
Knife Size	0.625 " x 4.5 " x 9 " (1.59 cm x 11.43 cm x 22.86 cm)	
Number of Bolts/Knife	4	
Replaceable Threaded Knife Block	Yes	
Number of Paddles	5	
Fixture Method	Weld-on	
Air Flow	2000 cfm	

Bedknife Size	3.5 " x 17.25 " (8.89 cm x 43.82 cm)	
Bedknife Thickness	1"	2.5 cm
Bedknife Material	1018	
Bedknife - Number of Useable Edges	4	

Cutter Drive Components - Engine Option One		
Number of Bearings	2	
Bore	2.4"	6.2 cm
Type	Spherical roller	
Manufacturer	Linkbelt	
Dynamic Capacity	31400 lbs	14242.8 kg
Static Capacity	53500 lbs	24267.2 kg
Belt Idler/Tensioner	Yes	
Belt Type	5V	

Cutter Drive Components - Engine Option Two		
Number of Bearings	2	
Bore	2.4"	6.2 cm
Type	Spherical roller	
Manufacturer	Linkbelt	
Dynamic Capacity	31400 lbs	14242.8 kg
Static Capacity	53500 lbs	24267.2 kg
Belt Idler/Tensioner	Yes	
Belt Type	5V	

Discharge System		
Chute Height	104"	264.2 cm
Bottom Thickness	.1"	.2 cm

Top Thickness	.1"	0.3 cm
Side Wall Thickness	.1"	0.3 cm
Deflector Thickness	.1"	0.3 cm
Chute Rotation Angle	270 deg	
Rotation Type	Manual pivot with handle	
Rotational Lock	Yes	

Hydraulic System		
Tank capacity	12 gal	45.4 L
Recommended Oil Type	Vermeer VMF	
System Type	Open center	
Filtration Method	10 micron return, 100 micron suction	
Pump Flow at Maximum RPM	4.1 gpm	15.7 L/min
System relief pressure	2500 psi	172.4 bar
Auto Reverse PSI	2500 psi	172.4 bar
Flow Control	No	
Directional Control	Yes	
Oil Cooler	No	

Electrical System		
System Voltage	12 volt	
Battery	Group 31; 660 CCA	
Standard Gauges	Fuel and hour gauges	
Deluxe Gauges	Fuel, voltage, water temperature, oil pressure, and tachometer gauges	
Switches	Lower feed stop bar sensitivity, toggle	
Controller	Vermeer ACS	
Display	LED	

Shutdown System	High temperature, low pressure	
Radio Remote Control	No	

Chassis		
Frame Description	7 " (17.78 cm) Z channel; .25 " (0.64 cm) thickness	
Toolbox Description	No	
Tongue Description	2.5 " x 4.5 " x 0.38 " (6.35 cm x 11.43 cm x 0.95 cm)	
Tongue Extension	Extendable 18 " (45.7 cm)	
Hitch Type	Pintle	
Fender Description	Bolt on	
Axle/Suspension	Torsion	
Type - Option One	Rubber torsional	
Manufacturer - Option One	Dexter	
Capacity - Option One	7,000 lbs (3,175.15 kg)	
Tires - Option One	ST235/80/R16 Load Range E	
Wheels - Option One	16 " (40.64 cm)	
Tires - Option Two	ST285/75/R16 Load Range E	
Wheels - Option Two	16 " (40.64 cm)	
Brake Type	Electric	
Trailer Light Type	LED	

Winch Option		
Winch Relief System	2200 psi	151.7 bar
Winch Boom Structure	0.25 " (0.64 cm) Grade 50	
Winch Input Speed	51 rpm	
Winch Controls	Forward, reverse, and free spool	
Winch Rope	7/16 " (1.11 cm)	

Rope Length	150'	45.7 m
Rope Line Pull	2000 lbs	907.2 kg
Rope Choker	0.25 " (0.64 cm)	

Other Options		
Special Paint	Optional	
Extended Warranty	Optional	
Preventive Maintenance	Optional	

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