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BC1000XL Specs

General Dimensions and Weights		
Length - Feed Table Up, Tongue In	150"	381 cm
Length - Table Down, Tongue Extended	198"	502.9 cm
Width	66.5"	168.9 cm
Height	101"	256.5 cm
Weight - Engine Option One	4680 lbs	2122.8 kg
Tongue Weight - Engine Option One	520 lbs	235.9 kg
Sound Power	119 dB	

Engine Option One		
Make and Model	GM 3.0L Electronic Fuel Injection	
Number of Cylinders	4	
Gross Horsepower (Maximum)	89 hp	66.4 kw
Torque (Max)	142 ft-lb	192.5 Nm
Fuel Tank Capacity	20 gal	75.7 L
Max Fuel Consumption	7.8 gph	29.5 lph
Fuel Type	Unleaded and E10 gasoline	
Air Cleaner	2-stage dry with safety element	
Oil Filter	Spin-on	
Recommended Oil	SAE 10W30	

Oil Volume with Filter	4.5 qt	4.3 L
Maximum Angle of Continuous Operation	20 deg	
Cooling Medium	Liquid	
Coolant Capacity (Engine and Radiator)	3.6 gal	13.6 L
Alternator	70	
Fan	16.5" (41.9 cm) pusher	
Clutch Type	Clutchless PTO	
Clutch Drive Engagement	Belt tensioner	

Feed System		
Feed Roller Orientation	Horizontal	
Number of Feed Rollers	1	
Feed Roller Clamp Load	350 lbs	158.8 kg
Feed Roller Minimum Distance to Drum	1"	2.5 cm
Feed Roller Dimension	20 " x 17 " (50.8 cm x 43.2 cm)	
Number of Knives	2	
Weight of Feed Roller	400 lbs	181.4 kg
Number of Feed Roller Motors	1	
Motor Displacement	28.3	
Motor Manufacturer	White	
Feed Speed	118 ft/min	
Infeed Table Width	52"	132.1 cm
Infeed Table Length	32"	81.3 cm
Infeed Hopper Height	12"	30.5 cm
Infeed Throat Capacity	12 " x 17 " (30.5 cm x 43.2 cm)	

Pinch Point - Distance to End of Feed Table	66.5"	168.9 cm
Distance from Feed Table to Ground	26"	66 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	Green hold-to-run button	
Four Position Feed Control Bar	Standard	
Positions	4: E-stop, forward, neutral, and reverse	
Actuation Force	34 lbs	15.4 kg
Green Hold to Run Button	Standard	

Drum/Disc Cutting System		
Material Capacity	12"	30.5 cm
Thickness	20"	50.8 cm
Diameter	20"	50.8 cm
Speed	2220 rpm	
Weight With Shaft	460 lbs	208.7 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	0.63 " x 4.5 " x 9 " (1.6 cm x 11.4 cm x 22.9 cm)	
Number of Bolts/Knife	4	
Replaceable Threaded Knife Block	Yes	
Number of Paddles	5	
Fixture Method	Weld-on	
Air Flow	580 cfm	
Bedknife Size	3.5 " x 17.3 " (8.9 cm x 43.8 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"	6.1 cm
Type	Spherical rollers	
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	101"	256.5 cm
Chute Rotation Angle	270 deg	
Rotation Type	Manual rotate with pin lock	
Rotational Lock	Yes	

Hydraulic System		
Tank capacity	7 gal	26.5 L
Recommended Oil Type	Vermeer VMF	
System Type	Open center	
Filtration Method	10 micron return; 100 micron suction	
Pump Flow at Maximum RPM	3 gpm	11.4 L/min
System relief pressure	2500 psi	172.4 bar
Flow Control	No	
Directional Control	Yes	
Oil Cooler	No	

Electrical System		
System Voltage	12 volt	
Battery	Group 24; 580 CCA	
Standard Gauges	Fuel and MFD	
Deluxe Gauges	Standard	
Switches	Droop, Ecolde, and Sensitivity	
Controller	Vermeer ACS	
Display	In countries that drive on the left side of the road versus the right side of the road, moving these controls over to the left side moves the operator off of the traffic side of the road.	
Shutdown System	High temp, low pressure	

Radio Remote Control	No	
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Chassis		
Frame Description	7" (17.8 cm) Z channel; .25" (0.6 cm) thickness	
Tongue Description	2.5" x 4.5" x .25" (6.4 cm x 11.4 cm x .6 cm)	
Tongue Extension	Extendable 24" (61 cm) at 12" (30.5 cm) increments	
Hitch Type	Pintle	
Fender Description	Bolt-on steel	
Axle/Suspension	Torsion	
Type - Option One	Rubber torsional	
Manufacturer - Option One	Dexter	
Capacity - Option One	5200 lb (2358.7 kg)	
Tires - Option One	ST235/80/R16 Load Range E	
Wheels - Option One	16 " x 6 " (40.6 cm x 15.2 cm)	
Axle/Suspension - Option Two	Torsion	
Type - Option Two	Rubber torsional	
Manufacturer - Option Two	Dexter	
Capacity - Option Two	7000 lb (3175.2 kg)	
Tires - Option Two	ST235/80R16 Load Range E	
Wheels - Option Two	16 " x 6 " (40.6 cm x 15.2 cm)	
Brake Type	Standard electric or optional hydraulic	
Trailer Light Type	LED	

Other Options		
Special Paint	Optional	
Extended Warranty	Optional	
Preventive Maintenance	Optional	

