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BC900XL Specs

General Dimensions and Weights		
Length - Feed Table Up, Tongue In	140.4"	356.6 cm
Length - Table Down, Tongue Extended	154.8"	393.2 cm
Width	79.5"	201.9 cm
Height	101.5"	257.8 cm
Weight - Engine Option One	2980 lbs	1351.7 kg
Tongue Weight - Engine Option One	300 lbs	136.1 kg

Engine Option One		
Make and Model	Briggs and Stratton Vanguard	
Gross Horsepower (Maximum)	35 hp	26.1 kw
Torque (Max)	53 ft-lb	71.9 Nm
Fuel Tank Capacity	15 gal	56.8 L
Max Fuel Consumption	3.2 gph	12.1 lph
Fuel Type	Gasoline	
Air Cleaner	Dry-type safety element and restriction indicator	
Oil Filter	Spin-On	
Recommended Oil	10W30	
Oil Volume with Filter	2 qt	1.9 L
Cooling Medium	Air	

Alternator	20 amp	
Clutch Drive Engagement	Clutchless PTO or centrifugal clutch	

Feed System		
Feed Roller Orientation	Horizontal	
Number of Feed Rollers	1	
Feed Roller Clamp Load	484 lbs	219.5 kg
Feed Roller Clamp Type	Feed roller weight only	
Feed Roller Dimension	15.8" dia x 13.5" long (40 cm x 34.3 cm)	
Number of Knives	12	
Weight of Feed Roller	210 lbs	95.3 kg
Number of Feed Roller Motors	1	
Motor Displacement	33.1 CID	
Motor Manufacturer	White	
Feed Speed	140 ft/min	
Infeed Table Width	48"	121.9 cm
Infeed Table Length	25"	63.5 cm
Infeed Hopper Height	32"	81.3 cm
Infeed Throat Capacity	9" (23 cm)	
Pinch Point - Distance to End of Feed Table	66"	167.6 cm
Distance from Feed Table to Ground	29"	73.7 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"	.3 cm
Positions	Four positions: Emergency stop, forward, stop and reverse	
Actuation Force	34 lbs	15.4 kg
Green Hold to Run Button	Standard	

Drum/Disc Cutting System		
Material Capacity	9"	22.9 cm
Thickness	1"	2.5 cm
Diameter	33"	83.8 cm
Speed	1400 rpm	
Weight With Shaft	330 lbs	149.7 kg
Safety Lock - Number of Positions	6	
Number of Knives	2	
Knife Thickness	.6"	1.6 cm
Material	A8 chipper steel	
Useable Edges	2	

Knife Size	5" x 11.75" (12.7 cm x 29.8 cm)	
Number of Bolts/Knife	5	
Replaceable Threaded Knife Block	Yes	
Number of Paddles	2	
Fixture Method	Bolt-on	
Air Flow	933 cfm	
Bedknife Size	5" x 12.1" (12.7 cm x 30.7 cm) horizontal and 5" x 8.8" (12.7 cm x 22.4 cm) vertical	
Bedknife Thickness	.8"	1.9 cm
Bedknife Material	Grade 50	
Bedknife - Number of Useable Edges	2	

Cutter Drive Components - Engine Option One

Number of Bearings	2	
Bore	2.2"	5.6 cm
Type	Dual spherical roller	
Manufacturer	Linkbelt	
Dynamic Capacity	31400 lbs	14242.8 kg
Static Capacity	54500 lbs	24720.8 kg
Belt Idler/Tensioner	Yes	
Belt Type	Chipper - Polyester Cord with wrap	

Discharge System

Chute Height	96.7"	245.6 cm
Bottom Thickness	.1"	.2 cm
Top Thickness	.1"	.3 cm
Side Wall Thickness	.1"	.3 cm

Deflector Thickness	.1"	.3 cm
Chute Rotation Angle	270 deg	
Rotation Type	Manual dual handles with pin lock	
Rotational Lock	Yes	

Hydraulic System		
Tank capacity	6.8 gal	25.7 L
Recommended Oil Type	Vermeer VMF Gold	
System Type	Tandem Center	
Filtration Method	10 micron return	
Pump Flow at Maximum RPM	4.7 gpm	17.8 L/min
System relief pressure	2500 psi	172.4 bar
Auto Reverse PSI	2300 psi	158.6 bar

Electrical System		
System Voltage	12 V	
Battery	Group 24 - 580 CCA	
Standard Gauges	Hour meter	
Controller	Vermeer ACS	
Shutdown System	Engine	

Chassis		
Frame Description	3/16" x 5/6" (.5 cm x 14.2 cm) Z-channel	
Tongue Description	3" x 5" 3/16" (7.6 cm x 12.7 cm x .5 cm) Tube	
Hitch Type	Pintle or ball	
Fender Description	Bolt-on	
Axle/Suspension	3500 lb (1587.6 kg)	
Type - Option One	Rubber torsional	

Manufacturer - Option One	Dexter	
Capacity - Option One	3500 (1587.6 kg)	
Tires - Option One	ST215/75R14	
Wheels - Option One	14" (35.6 cm)	
Axle/Suspension - Option Two	3500 lb (1587.6 kg) with electric brakes	
Type - Option Two	Rubber torsional	
Manufacturer - Option Two	Dexter	

Other Options		
Special Paint	Yes	
Extended Warranty	Yes	
Preventive Maintenance	Yes	

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