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BC700XL Specs

General Dimensions and Weights		
Length - Feed Table Up, Tongue In	113"	287 cm
Length - Table Down, Tongue Extended	133"	337.8 cm
Width	71"	180.3 cm
Height	102"	259.1 cm
Weight - Engine Option One	1800 lbs	816.5 kg
Tongue Weight - Engine Option One	180 lbs	81.6 kg

Engine Option One		
Make and Model	Kohler ECH740	
Gross Horsepower (Maximum)	25 hp	18.6 kw
Torque (Max)	41.7 ft-lb	56.5 Nm
Fuel Tank Capacity	6 gal	22.7 L
Max Fuel Consumption	2.4 gph	9.1 lph
Fuel Type	Gasoline	
Air Cleaner	Kohler HD 2-Stage Dry	
Oil Filter	Spin-on	
Recommended Oil	Kohler oil or API CH4/SJ	
Oil Volume with Filter	2 qt	1.9 L
Maximum Angle of Continuous Operation	25 deg	

Cooling Medium	Oil/Air	
Alternator	20A Charging	
Clutch Type	Centrifugal PTO	
Clutch Drive Engagement	Centrifugal	

Feed System		
Feed Roller Orientation	Horizontal	
Feed Roller Clamp Load	525 lbs	238.1 kg
Feed Roller Clamp Type	Spring/Feed Roller Weight	
Feed Roller Minimum Distance to Drum	4"	10.2 cm
Feed Roller Dimension	10	
Weight of Feed Roller	100 lbs	45.4 kg
Motor Displacement	14.2	
Motor Manufacturer	White Hydraulics	
Feed Speed	49.4 ft/min	
Infeed Table Width	41.2"	104.6 cm
Infeed Table Length	30.2"	76.7 cm
Infeed Hopper Height	22.1"	56.1 cm
Infeed Throat Capacity	6" x 8"	
Pinch Point - Distance to End of Feed Table	65.4"	166.1 cm
Distance from Feed Table to Ground	28.1"	71.4 cm

Safety System		
Bottom Feed Stop Bar	Standard	
Bottom Feed Stop Bar Diameter	2"	5.1 cm

Bottom Feed Stop Bar Material Thickness	.12	
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 position: (E-Stop), Forward, Stop, (Reverse)	
Green Hold to Run Button	Standard	

Drum/Disc Cutting System		
Material Capacity	6"	15.2 cm
Width	8"	20.3 cm
Thickness	1.3"	3.2 cm
Diameter	23.9"	60.7 cm
Speed	1748	
Weight With Shaft	176 lbs	79.8 kg
Knife Thickness	.6"	1.6 cm
Material	A8 Chipper Steel	
Replaceable Threaded Knife Block	Yes	
Fixture Method	Welded	
Air Flow	5000 cfm	
Bedknife Size	4" x 8.6"/(10.2 cm x 21.9 cm) hor; 4" x 5.8"/(10.2 cm x 14.6 cm) vert	
Bedknife Material	ASTM A572 Grade 50	

Cutter Drive Components - Engine Option One		
Bore	1.5"	3.8 cm

Type	Flange-mounted ball type, self-aligning	
Manufacturer	Linkbelt	
Dynamic Capacity	5640 lbs	2558.3 kg
Static Capacity	4460 lbs	2023 kg
Belt Idler/Tensioner	Spring-loaded adjustable Idler	
Belt Type	2-band 5-V profile Aramid	

Discharge System		
Chute Height	97.2"	246.8 cm
Bottom Thickness	.1"	.3 cm
Top Thickness	.1"	.3 cm
Side Wall Thickness	.1"	.3 cm
Deflector Thickness	.1"	.2 cm
Chute Rotation Angle	240 deg	
Rotation Type	Manual	
Rotational Lock	Standard Latch	

Hydraulic System		
Tank capacity	6.8 gal	25.7 L
Recommended Oil Type	Vermeer VMF Gold	
System Type	Open center	
Filtration Method	Return flow filtration, 10 micron	
Pump Flow at Maximum RPM	3.8 gpm	14.4 L/min
System relief pressure	2500 psi	172.4 bar

Electrical System		
System Voltage	12 Volt	
Battery	Group 26, 400 CCA	

Standard Gauges	Hour meter	
Switches	Hold-to-run, sensitivity selector	
Controller	Vermeer ACS CB02	

Chassis		
Frame Description	3/16"/(.5 cm) ASTM A1011 steel	
Hitch Type	2"/(5.1 cm) ball coupler	
Fender Description	.1"/(.3 cm) Steel bolt-on	
Axle/Suspension	2000 lb/(907.2 kg) rubber torsion axle	
Type - Option One	Rubber Torsional	
Manufacturer - Option One	Dexter	
Capacity - Option One	2000 lb/(907.2 kg)	
Tires - Option One	ST185/80D13 load range D	
Wheels - Option One	13 x 5, bolt circle 5 on 4.5	
Axle/Suspension - Option Two	2000lb/(907.2 kg) rubber torsion axle with electric brakes	
Type - Option Two	Rubber torsional, braked	
Manufacturer - Option Two	Dexter	
Capacity - Option Two	2000 lb/(907.2 kg)	
Brake Type	Electric optional	
Trailer Light Type	LED	

Other Options		
Special Paint	Available, Optional	
Extended Warranty	Available, Optional	
Preventive Maintenance	Available, Optional	

