

BC2100XL BRUSH CHIPPER

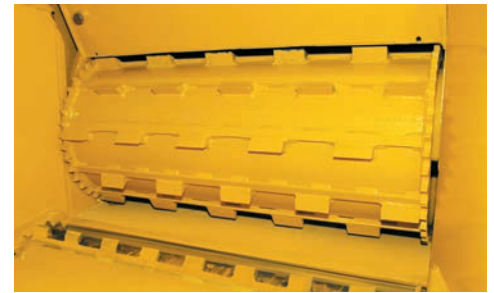


OPTIONAL PATENT-PENDING WINCH.

Eliminates the need to drag large material to the chipper. The 150' (45.7 m) winch line can handle material up to 4000 lb (1814.9 kg), making it easy to lift logs directly onto the feed table. In addition the winch can also be hydraulically raised out of the way to allow operators to feed the unit using a loader.



SMARTCRUSH. Once the upper feed roller freely raises for four seconds, it will automatically increase down pressure on the material being fed. This allows the upper feed roller to easily climb onto large forked material before the increased down pressure is applied for maximum pulling force.



LOWER FEED ROLLER. The lower feed roller is offset from the upper feed roller by 11" (27.9 cm). Material is easily pulled to the upper feed roller, so there is less need to manually raise the upper feed roller for larger diameter material.



SMARTFEED. This patented system helps increase operator productivity while reducing strain on vital engine parts. The feedsensing control system monitors engine rpm and automatically stops and reverses the feed roller when feeding larger, hardwood material.



OPTIONAL REMOTE CONTROL. Operate one machine to load while still maintaining control of the chipper. The remote control operates forward, reverse and stop functions of the feed rollers, restarting the feed rollers, engine throttle, engine stop, crush boost for the upper feed roller and hydraulic discharge chute positions (if equipped).



POWERFUL PERFORMANCE.

A 275 hp (205.1 kW) Tier 3 or Tier 4i (Stage IIIB) engine allows you to not only meet emission requirements but also enough horsepower to meet your jobsite needs.

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ENGINE OPTION 1

Weight (with outriggers) engine: 15,000 lb (6803.9 kg)

Weight (without outriggers) engine: 14,700 lb (6667.8 kg)

Weight (without outriggers and winch) engine: 16,380 lb (7429.8 kg)

Operational length (tongue extended): 259.2" (660 cm)

Width: 95.8" (243.2 cm)

Height (standard chute): 116.5" (295.9 cm)

Height (adjustable chute minimum): 110" (279.4 cm)

Height (adjustable chute maximum): 135.6" (344.4 cm)

Make and model: Tier 3 Cummins QSB 6.7L

Horsepower: 275 hp (205.1 kW): 730 ft-lb (990 Nm)

Fuel type: Low Sulfur Diesel

Number of cylinders: 6

Cooling medium: Liquid

ENGINE OPTION 2

Weight (with outriggers) engine: 15,500 lb (7030.7 kg)

Weight (without outriggers) engine: 15,200 lb (6894.6 kg)

Weight (without outriggers and winch) engine: 16,830 lb (7634 kg)

Operational length (tongue extended): 259.2" (660 cm)

Width: 95.8" (243.2 cm)

Height (standard chute): 116.5" (295.9 cm)

Height (adjustable chute minimum): 110" (279.4 cm)

Height (adjustable chute maximum): 135.6" (344.4 cm)

Make and model: Tier 4i (Stage IIIB) Cummins QSB 6.7L

Horsepower: 275 hp (205.1 kW): 730 ft-lb (990 Nm)

Fuel type: Ultra Low Sulfur Diesel

Number of cylinders: 6

Cooling medium: Liquid

ELECTRICAL

System voltage: 12 V DC

CAPACITIES

Fuel tank: 65 gal (246.1 L)

Hydraulic tank: 24 gal (90.9 L)

CHASSIS

Frame: C channel, 2.5" x 4.5" x .038" (6.3 cm x 11.4 cm x 0.1 cm)

Tires: 235 / 75R17.5 load range J Axle/Suspension: Dexter tandem torsion

Hitch: 3" (7.6 cm) pintle

CUTTING SYSTEM

Drum system: Spherical roller bearings

Drum speed: 1,084 rpm

Drum-size opening: 21.5" x 28" (54.6 cm x 71.1 cm)

Knives: 4 knives

FEED / DISCHARGE SYSTEM

Chipping capacity: 21" (53.3 cm)

Feed table height: 39" (99 cm)

Feed table length: 60.5" (153.7 cm)

Feed table width: 72" (182.9 cm)

Max feed speed: 100 fpm (30.5 m/min)

Number of feed rollers: 2 horizontal

Discharge height: 116.5" (295.9 cm)

Discharge chute rotation: 270°

OPTIONS

Adjustable height discharge chute

Remote control

Hydraulic outriggers

Hydraulic winch

WARRANTY

The 3-year/3,000-hour extended limited warranty on drum housings, cutter drums, shaft, and ring feeder hubs offers you peace of mind.

1-year/1,000-hour Vermeer equipment limited warranty.