

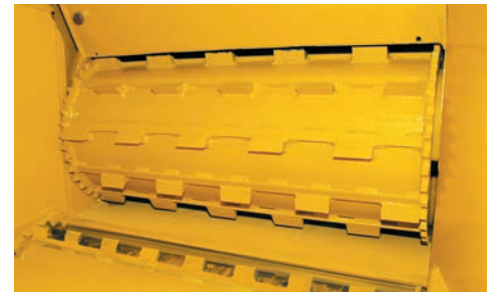
# BC2100XL BRUSH CHIPPER



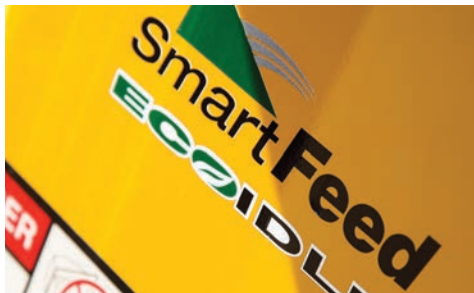
**POWERFUL PERFORMANCE.** A 275 hp (205 kW) engine allows you to not only meet emission requirements but also enough horsepower to meet your jobsite needs.



**SMART CRUSH.** 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 10.8" (27.4 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).



**OPTIONAL 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.

# BC2100XL BRUSH CHIPPER

## GENERAL

Operational length (tongue extended): 21.6' (6.6 m)

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)

## ENGINE OPTION ONE (DOMESTIC)

Weight (without outriggers): 15,900 lb (7212.1 kg)

Weight (with outriggers): 16,200 lb (7348.1 kg)

Make and model: Tier 4 Final Stage IV Cummins QSB 6.7L

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

Fuel type: Diesel

Number of cylinders: 6

Cooling medium: Liquid

## ENGINE OPTION TWO (INTERNATIONAL)

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

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

Make and model: Tier 3 Cummins QSB 6.7L

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

Fuel type: Diesel

Number of cylinders: 6

Cooling medium: Liquid

\* EU Countries - Please check with your local Vermeer dealer to confirm availability of Tier 4i (Stage IIIB) Cummins QSB 6.7L engine option.

## ELECTRICAL

System voltage: 12 V DC

## CAPACITIES

Fuel tank: 65 gal (246.1 L)

Hydraulic tank: 24 gal (90.9 L)

## CHASSIS

Frame: 2.5" x 8.75" (6.4 cm x 22.2 cm) C-channel

Tires: 235 / 75R17.5 load range H

Axle/Suspension: Dexter tandem torsion

Hitch: 3" (7.6 cm) pintle

## CUTTING SYSTEM

Drum system: Spherical roller bearings

Drum speed: 1084 rpm

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

Knives: 4

## FEED / DISCHARGE SYSTEM

Chipping capacity: 21" (53.3 cm)

Feed table height: 39" (99 cm)

Infeed opening height: 24" (61 cm)

Feed table length: 60.5" (153.7 cm)

Infeed opening width: 40" (101.6 cm)

Feed table width: 72" (182.9 cm)

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

Number of feed rollers: 2 horizontal

Discharge height: 116.5" (295.9 cm)

Discharge chute rotation: 270°

Upper feed roller: 19" in diameter (48.3 cm)

Lower feed roller: 11" in diameter (28 cm)

## OPTIONS

Special paint

Extended warranty

Preventive maintenance

Adjustable height discharge chute

Remote control

Hydraulic outriggers

Hydraulic chute controls

Confidence Plus

Planned maintenance

Winch

## WARRANTY

3-year/3,000-hour extended limited warranty on drum housings, cutter drums, shaft, and ringfeeder hubs

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

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